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Informix Error Messages

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Foreword

This is just another title page
placed between table of contents
and topics

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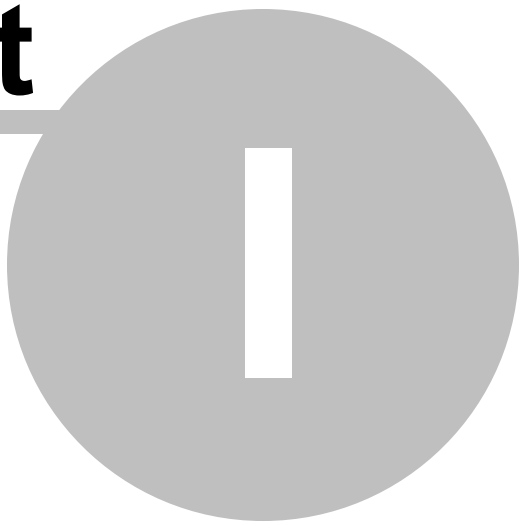
Top Level Intro

This page is printed before a new top-level chapter starts

Part



1 Informix Error Messages

Click on the Index button to find an error number.

1.1 -1005

The TERMCAP environment variable specifies a file, and that file cannot be opened. Either it does not exist, or else your account does not have operating system permissions to read it. Check the environment variable and the file it names.

1.2 -1006

The error code shown was returned, but the program was unable to display the message text for that number, probably because one of the .iem message files is missing from the directory specified by the INFORMIXDIR environment variable. Look up number in this manual. Also consult with the person who installed the Informix software to see if you can find out why the message files are not available.

1.3 -1007

The only valid settings for the INFORMIXTERM environment variables are termcap and terminfo . Setting the variable to termcap (or leaving it undefined) directs 4GL to use the TERMCAP facility for terminal control. Setting it to terminfo causes 4GL to use the TERMINFO facility. Other settings, including variations of the words termcap and terminfo with capital letters in them, cause this message.

1.4 -1008

The contents of the TERMCAP environment variable, or of the ermcap entry from the termcap database, are read into storage when the application is initializing. However, the memory buffer allocated to hold the termcap entry is 1,024 bytes, and the entry in use is longer than that. You will have to use a simpler termcap.

1.5 -1009

The contents of the TERMCAP environment variable, or of the ermcap entry from the termcap database, are read into storage when the application is initializing. While doing this, the program found improper punctuation in the termcap entry, in particular a colon separator did not appear where one was expected. Review the specified termcap and choose a different one or correct the one in use.

1.6 -101

The ISAM processor has been asked to use an unopened file (table). C-ISAM programs: The program has tried to use a file before opening it with a call to isopen, or has tried to write to a file that was opened read-only. If the error recurs, please refer to the "OnLine Administrative Guide," Appendix B, 'Trapping Errors' to acquire additional diagnostics. Contact Informix Technical Support with the diagnostic information.

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1.7 -1010

In a termcap definition for a terminal, the entry tc= causes the use of a different terminal's definition for default values. That terminal may also have a tc= entry, and so on. However, 4GL cannot follow more than four tc= commands. The termcap definition in use at this time (as specified by the TERM or TERMCAP environment variable) exceeds the limit. You will have to write or find a termcap definition that is more self-contained.

1.8 -102

A parameter presented to one of the C-ISAM functions is outside the range of acceptable values. C-ISAM programs: Review the parameters used in this function call, comparing them to the documentation for the function. If the error recurs, please refer to the "OnLine Administrative Guide," Appendix B, 'Trapping Errors' to acquire additional diagnostics. Contact Informix Technical Support with the diagnostic information.

1.9 -103

The ISAM processor has been given an invalid key descriptor. C-ISAM programs: Review the key descriptor. There is a maximum of 8 parts and 120 characters to each key descriptor. If the error recurs, please refer to the "OnLine Administrative Guide," Appendix B, 'Trapping Errors' to acquire additional diagnostics. Contact Informix Technical Support with the diagnostic information.

1.10 -104

The ISAM processor has reached its limit of open files. For C-ISAM programs, review the program logic and change it so that fewer files are open concurrently. Use isclose to close unneeded files. For SQL product, this query is too complex; it uses too many tables concurrently. Perform the query in steps; use temporary tables.

1.11 -105

The contents of an ISAM file (table or index) have been corrupted. For C-ISAM, if you used transaction logging, you can recover the file using the isrecover program. Otherwise, re-create the file or restore it from backup. For SQL products, use the bcheck or secheck utility to get more information on the problem and possibly correct it (use tbcheck with the INFORMIX-OnLine database server or oncheck with the INFORMIX-OnLine Dynamic Server). If the utility cannot recover the table or index, you will have to re-create or restore it.

1.12 -106

The ISAM processor has been asked to add or drop an index but it does not have exclusive access. For C-ISAM program, the file must be opened with exclusive access efore you perform this operation . Review the program logic, and make sure that it opens this file by passing the ISEXCLLOCK flag to isopen. For SQL products, the INFORMIX-OnLine Dynamic Server or the INFORMIX-SE database server return this error when an exclusive lock is required on a table. For example, this error appears when a second user tries to alter a table that the first user has locked.

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1.13 -107

Another user request has locked the record that you requested or the file (table) that contains it. This condition is normally transient . A program can recover by rolling back the current transaction, waiting a short time, and re-executing the operation. For interactive SQL, redo the operation. For C-ISAM programs, review the program logic and make sure it can handle this case, which is a normal event in multiprogramming systems. You can obtain exclusive access to a table by passing the ISEXCLLOCK flag to isopen. For SQL programs, review the program logic and make sure it can handle this case, which is a normal event in multiprogramming systems. The simplest way to handle this error is to use the statement SET LOCK MODE TO WAIT. For bulk updates, see the LOCK TABLE statement and the EXCLUSIVE clause of the DATABASE statement.

1.14 -108

The ISAM processor has been asked to create an index that already exists. For C-ISAM programs, review the program logic. The program must delete this existing index before it defines another. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.15 -109

The ISAM processor has been asked to delete the primary key index. For C-ISAM programs, the isdelindex call cannot delete the primary key. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.16 -11

Your application could not start a database server process or could not create a process that some subordinate function such as a REPORT TO pipe or a network-access program needed. This error probably reflects a limit that was configured in your operating-system. Look for other operating-system error messages that might give more information.

1.17 -110

Reading rows sequentially, forward or backward, the ISAM processor has reached one end of the file (table). For C-ISAM programs, this message is the normal signal for end of file. Use a different retrieval mode of isread to reposition the file. For SQL products, see the SQL error message or return code.

1.18 -1101

This is an internal error. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.19 -1102

A field name listed in an INPUT, INPUT ARRAY, CONSTRUCT, SCROLL or DISPLAY statement does not appear in the form specification of the screen form that is currently displayed. Review the program logic to make sure that the intended window is current, the intended form is displayed in it, and that all the field names in the statement are spelled correctly.

Tip: A common problem is the attempted use of field tags instead of field names. The field tag is the

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name that is written in the screen picture and which appears at the left side of the ATTRIBUTES statement for that field. It is not the name of the field for input or display purposes. The field name is the column name with which it is associated. This name appears to the right of the equal sign in the ATTRIBUTES section:

```
ATTRIBUTES
f000 = customer.customer_num,color=red;
```

The name of the field in the preceding example is customer_num. Use of the tag f000 in an INPUT statement will produce an error.

1.20 -1103

A list or range of acceptable values has been established for this column (via an INCLUDE attribute in the form specification file). You must enter a value within the acceptable range.

For 4GL programs, this error is replaced by -1301.

1.21 -1104

To guard against typographical errors, this field has been designated VERIFY (in the form specification file). The value in this field must be entered twice, identically. Carefully reenter the data. Alternatively you may cancel the form entry with the Interrupt key (usually CTRL-C, but see the operating instructions supplied by the program author).

For 4GL programs, this error is replaced by -1302.

1.22 -1105

This field is defined (in the form specification file) with a PICTURE attribute to specify its format. You are not allowed to use certain editing keys (for example, CTRL-A, CTRL-D, and CTRL-X) while you are editing such a field. Enter the value using printable characters and backspace only.

For 4GL programs, this error is replaced by -1303.

1.23 -1106

You have entered a value in this field which cannot be stored in the program variable meant to receive it. For example, you might have entered a decimal number when the application provided only an integer variable; or you might have entered a character string longer than the application expected. Note all the circumstances and then discuss the problem with the person who wrote the application program.

For 4GL programs, this error is replaced by -1304.

1.24 -1107

The subscript of a screen array in an INPUT, DISPLAY, or CONSTRUCT statement is either less than 1 or greater than the number of fields in the array. Review the program source in conjunction with the form specification to see where the error lies.

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1.25 -1108

The screen record named in an INPUT ARRAY or DISPLAY ARRAY statement does not appear in the screen form now displayed. Review the program source in conjunction with the form specification to see if the screen record names match.

1.26 -1109

The number of program variables does not agree with the number of screen fields in a CONSTRUCT, INPUT, INPUT ARRAY, DISPLAY, or DISPLAY ARRAY statement. Review the statement in conjunction with the form specification to see where the error lies. Common problems include: a change in the definition of a screen record which is not reflected in every statement that uses the record, and a change in a program record which is not reflected in the form design.

1.27 -111

The ISAM processor cannot locate the requested record. For C-ISAM programs, no record was found with the requested index value or record number, depending on the retrieval mode in use. Make sure that the correct index is in use. For SQL products, see the SQL error message or return code. Probably no row was found for this query.

1.28 -1110

The form file specified in an OPEN FORM statement was not found. Inspect the "form-file" parameter of the statement. It should not include the file suffix .frm. However, if the form is not in the current directory, it should include a complete path to the file.

1.29 -1111

This is an internal error. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.30 -1112

The form file specified in an OPEN FORM statement is not acceptable. It might have been corrupted in some way, or might simply have been compiled with a version of the Form Compiler that is not compatible with the version of the 4GL compiler that compiled this program. Recompile the form specification using a current version of the Form Compiler.

1.31 -1113

A BYTE or TEXT variable has been located in memory and a value has been assigned to the variable. However, there is not enough data memory available to hold the variable. Review the program and locate the large value in a file instead.

For 4GL programs, this error is replaced by -1319.

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1.32 -1114

The current statement requires the use of a screen form. For example, DISPLAY...TO or an INPUT statement must use the fields of a form. However, the DISPLAY FORM statement has not been executed since the current window was opened. Review the program logic to make sure that it opens a form and displays a form before it tries to use a form.

1.33 -1115

4GL tried to format a numeric value for display in a form field and the resulting string was too long for the field. Review the program logic to find out what large numeric value is being assigned.

For 4GL programs compiled at Version 5.0 and above or running under 4GL/GX, this error cannot occur.

1.34 -1116

This statement takes input from a form field whose default value (specified in the form using the ATTRIBUTES keyword DEFAULT) is not compatible with the program variable that receives it. Review all the program variables named in this statement and compare them to the definitions of the fields in the form specification. Make sure that each variable corresponds to the intended field, and has a compatible data type.

1.35 -1117

This message is not believed to be in use in any current product. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.36 -1119

This statement (an INPUT or INPUT ARRAY) contains a NEXT FIELD clause that names a field that is not defined in the form. Perhaps the form has been changed and the program has not. Also see the note under error -1102, above.

For 4GL programs, this error is replaced by -1371.

1.37 -112

The ISAM processor has been asked to return the current record, but none has been established. For C-ISAM programs, review the program logic. Before the program uses the ISCURR retrieval mode, it must use another retrieval mode,such as ISFIRST, to establish a current record. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.38 -1120

The message file specified in the HELP FILE clause of the most recent OPTIONS statement does not exist. Find that OPTIONS statement in the program and review the "help-file" parameter. It must contain the complete filename of the prepared message file and, if the file is not in the current directory, it must have a full pathname. Message files are prepared using the mkmessage utility.

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For 4GL programs, this error is replaced by -1227.

1.39 -1121

A message number given in the HELP clause of an INPUT, PROMPT, or MENU statement cannot be found in the current message file. The message file is established by the OPTIONS HELP FILE statement most recently executed. Find that statement in the program and verify that the message file is the one intended. Then review the source of that message file and ensure that it contains definitions for all the message numbers used in the program. Recompile the message file with the mkmessage utility and try the program again.

For 4GL programs, this error is replaced by -1228.

1.40 -1122

The message file named in the OPTIONS HELP FILE statement most recently executed was not acceptable. Possibly it has been corrupted in some way. Possibly the OPTIONS statement named the message source file instead of the compiled message file (the output of mkmessage). Possibly the file was compiled with an outdated version of the mkmessage utility. Recompile the message file with the current version of the utility; and review the program source to make sure it names the correct file.

For 4GL programs this error is replaced by -1229.

1.41 -1123

This INPUT, PROMPT, or MENU statement contains a HELP

help-number clause; however, no message file has been established. The message file is established by the OPTIONS HELP FILE statement; and none has yet been executed. Review the program logic and modify it to execute an OPTIONS statement with a HELP FILE clause before it is needed.

For 4GL programs, this error is replaced by -1343.

1.42 -1124

The cursor is in a form field which has been designated REQUIRED. You must enter some value before the cursor can move on to another field. You may, however, enter a null value by typing any printable character and then backspacing. Alternatively you may cancel the form entry with the Interrupt key (usually CTRL-C, but see the operating instructions supplied by the program author).

For 4GL programs, this error is replaced by -1305.

1.43 -1125

The cursor is in a form field which has been designated VERIFY. You must enter the value twice, identically, before the cursor can move on to another field. This is to help ensure that there are no typographical errors during data entry. Alternatively you may cancel form entry with the Interrupt key (usually control-C, but see the operating instructions supplied by the program author).

For 4GL programs, this error is replaced by -1306.

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1.44 -1126

You are entering data into an array of records which is represented in the program by an array of program variables. That array is now full; there is no place to store another record. Press the ACCEPT key (usually Escape, but see the operating instructions supplied by the program author) to process the records you have entered.

For 4GL programs, this error is replaced by -1307.

1.45 -1127

You have pressed the Delete Row function key (usually F2, but see the operating instructions supplied by the program author) in an empty row. Nothing was deleted.

For 4GL programs, this error is replaced by -1308.

1.46 -1128

You are attempting to scroll an array of records farther than it can go; either scrolling up at the top or scrolling down at the bottom of the array. Further attempts will have the same result, but go ahead if it amuses you.

For 4GL programs, this error is replaced by -1309.

1.47 -1129

This statement includes a BEFORE FIELD clause or an AFTER FIELD clause which names a field that is not defined in the form that is currently displayed. Review the program to make sure that the intended form was displayed; and review this statement against the form specification to make sure that existing fields are named. Also see the note on field names under message -1102.

1.48 -113

Another user request has openedthe file (table) that was requested in exclusive mode. In systems that use files for locking, a tablename.lok file exists. Possibly such a file was left behind when another program terminated abnormally. If you are sure that is the case, you can release the lock by emptying that file. Lock files are not used in many systems, and they are never used with the INFORMIX-OnLine Dynamic Server.

For C-ISAM programs, rerun the program after the file has been unlocked. For SQL products, tables are locked explicitly using the LOCK TABLE statement and implicitly during the execution of the CREATE INDEX and ALTER TABLE statements. Rerun the program or query when the table has been unlocked.

1.49 -1130

This statement includes at least two BEFORE FIELD clauses that name the same form field. Only one can be supported. Find all the BEFORE FIELD clauses relating to one field and combine them into a single clause.

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1.50 -1131

This statement includes at least two AFTER FIELD clauses that name the same form field. Only one can be supported. Find all the AFTER FIELD clauses relating to one field and combine them into a single clause.

1.51 -1132

The outcome of a CONSTRUCT statement is a character string containing all the conditions entered by the user. This string is in a form suitable for use as the WHERE clause of a SELECT statement. In this CONSTRUCT statement, the result string is longer than the program variable specified to receive it. As a general rule the length of the variable must allow enough room for the names of all the screen fields used in the statement, plus room for the field contents, plus room for punctuation and relational operators. Review the statement and revise the definition of the receiving variable accordingly.

1.52 -1133

This MENU statement contains a NEXT OPTION clause naming a menu-option that is not defined in the statement. The string following NEXT OPTION must be identical to one that follows a COMMAND clause in the same MENU statement. Review the statement to make sure that these clauses agree with each other.

1.53 -1134

The key specified in one clause of this OPTIONS statement is not defined in the termcap file (or the terminfo file if it is being used instead). Review the HELP KEY, INSERT KEY, NEXT KEY, PREVIOUS KEY, and DELETE KEY clauses. Compare the function keys they specify to the current termcap definition.

1.54 -1135

Review the DISPLAY...AT statement. Make sure that the position numbers are in the correct order (row number first, then column) and that they make sense for the current terminal or window. The dimensions of the terminal for UNIX systems are determined when the program starts by reading termcap information (or terminfo information, depending on the value of the INFORMIXTERM environment variable). Thus a screen location that is correct for one user of the program may not be correct for all. On DOS systems, the window size is always 24x80.

1.55 -1136

The window dimensions specified in the WITH clause of this OPEN WINDOW statement conflict with the size of the screen. The entire window cannot be displayed, so the statement is not executed. If the WITH clause specifies dimensions, you can use smaller ones; if it specifies a form, the dimensions are set by the SCREEN statement in the form specification. Alternatively you may be able to get the window into the screen by changing the origin given in the AT clause. The dimensions of the terminal for UNIX systems are determined when the program starts by reading termcap information (or terminfo information, depending on the value of the INFORMIXTERM environment variable). Thus, screen dimensions that are correct for one user of the program may not be correct for all. On DOS systems, the window size is always 24x80.

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1.56 -1137

The cause of the problem is a lack of data memory. Change the logic of the program to keep fewer windows open concurrently, or by using fewer global variables.

For 4GL programs, this error is replaced by -1319.

1.57 -1138

The window described by this OPEN WINDOW statement cannot be opened because its border does not fit on the screen. Despite the wording of the message, the window is not necessarily too large for the screen. However, one or more of its borders (top, bottom, left, or right) cannot be drawn. The position of the window is set in the OPEN WINDOWS statement; make sure it starts no higher than row 2 and no further left then column 2 (or else remove the BORDER attribute). The size of the window is set by the OPEN WINDOW statement or by the form that it names.

The dimensions of the terminal for UNIX systems are determined when the program starts by reading termcap information (or terminfo information, depending on the value of the INFORMIXTERM environment variable). If the termcap entry includes sg#1 (terminfo: xmc#1), 4GL reserves an additional column to the left and right of a bordered window. On DOS systems, the window size is always 24x80.

1.58 -1139

This OPTIONS statement includes a FORM LINE clause that uses LAST. This is not allowed; you may specify an absolute form line or one relative to FIRST, but you may not specify it relative to LAST.

1.59 -114

The ISAM processor has been asked to open or create a file with a filename longer than 10 characters . For C-ISAM programs, this length exceeds the maximum for the product. Choose a shorter filename. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.60 -1140

The option named in this NEXT OPTION statement has previously been hidden with the HIDE OPTION statement. Since it is not visible to the user, it cannot be highlighted as the next choice.

1.61 -1141

This CLOSE WINDOW statement cannot be executed because there is still an input operation active in that window. The CLOSE WINDOW statement must have been contained in, or called from within, the input statement itself. Review the program logic and revise it so that the statement is completed before the window is closed.

1.62 -1142

The window dimensions of the current window are too small to contain the form that is to be displayed. Review the window dimensions and compare them to all forms that will be displayed in that window. The dimensions of the form are established in the form specification file using the

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SCREEN statement. The dimensions of the window are set during the OPEN WINDOW statement, either directly or by opening the window WITH a particular form.

1.63 -1143

This OPEN WINDOW statement names a window that is already open. Review the program logic and see whether it should contain a CLOSE WINDOW statement, or whether it should simply use a CURRENT WINDOW statement to bring the open window to the top.

1.64 -1144

The row and column position in the AT clause of this OPEN WINDOW statement points off the physical screen. The statement is not executed. Review the program and make sure the numbers are given in the correct order (first row, then column). The dimensions of the terminal are determined when the program starts by reading termcap information (or terminfo information, depending on the value of the INFORMIXTERM environment variable), so a window origin that is correct for some users may not be correct for all.

1.65 -1145

4GL attempted to open a one-line, 80-column window in which to display an error message, and was not able to do so. Possible causes include a shortage of data memory and internal errors.

For 4GL programs, this error is replaced by -1319.

1.66 -1146

Although 4GL will truncate the output of MESSAGE and COMMENT to fit the window dimensions, it will not do so for PROMPT and the user's response. Reduce the length of the prompt string or make the window larger. You could display most of the prompting text with DISPLAY and then prompt with a single space or colon.

1.67 -1147

This CLOSE WINDOW, CLEAR WINDOW, or CURRENT WINDOW statement names a window that has not been opened or has been closed. Review the program logic to make sure it does not refer to an unopened window except to open it.

1.68 -1148

The AT clause of this OPEN WINDOW statement uses a negative number. The row and column sizes must be positive integers. Revise the statement.

1.69 -1149

The screen form currently displayed is unacceptable in some way. Possibly it has been corrupted; possibly it was compiled by a an obsolete version of form4gl. Recompile the form. If the problem recurs, please note all circumstances and contact the Informix Technical Support Department.

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1.70 -115

The ISAM processor has been asked to access a file or row using locking. Because this operating system uses files for locking, ISAM must create a tablename.lok file. When it tried to do so, it received an error code from the operating system. The disk might be full, or your account might not have write permission in the relevant directory. Look for operating-system error messages that might give more information.

1.71 -1150

Review the OPEN WINDOW statement for the current window in conjunction with this MENU statement. The window must be at least two rows tall, and it must be wide enough to display the menu title, the longest option name, two sets of three-dot ellipses, and six spaces. Revise the program to make the window larger to give the menu a shorter name and shorter options.

1.72 -1151

This message is not believed to be in use in any current product. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.73 -1152

This is a version of message -1103/-1301 which is used by INFORMIX-4GL/ RF with handheld terminals having very small screens. See message -1103.

1.74 -1153

This is a version of message -1104/-1302 which is used by INFORMIX-4GL/ RF with handheld terminals having very small screens. See message -1104.

1.75 -1154

This is a version of message -1105/-1303 which is used by INFORMIX-4GL/ RF with handheld terminals having very small screens. See message -1105.

1.76 -1155

This is a version of message -1124/-1305 which is used by INFORMIX-4GL/ RF with handheld terminals having very small screens. See message -1124.

1.77 -1156

This is a version of message -1125/-1306 which is used by INFORMIX-4GL/ RF with handheld terminals having very small screens. See message -1125.

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1.78 -1157

This is a version of message -1127/-1309 which is used by INFORMIX-4GL/ RF with handheld terminals having very small screens. See message -1127.

1.79 -1158

"FMP" means INFORMIX-4GL/ RF. See the installation documentation for your system.

1.80 -1159

"FMP" means INFORMIX-4GL/ RF. See the installation documentation for your system.

1.81 -116

The ISAM processor needed to allocate memory for data storage but was unable to do so. A problem may exist in the operating system; look for operating-system error messages that might give more information. One cause of this error might be selecting a row that contains large BYTE or TEXT columns into a temporary table or as part of an INSERT or UPDATE. In some releases, an entire row that includes BLOB values is buffered in memory. For C-ISAM programs, review the program to looking for ways that it can use less memory. For SQL products, simplify the program, form, or report if possible.

1.82 -1160

"FMP" means INFORMIX-4GL/ RF. See the installation documentation for your system.

1.83 -1161

"FMP" means INFORMIX-4GL/ RF. See the installation documentation for your system.

1.84 -1162

"FMP" means INFORMIX-4GL/ RF. See the installation documentation for your system.

1.85 -1163

"FMP" means INFORMIX-4GL/ RF. See the installation documentation for your system.

1.86 -1164

The current form field has a NEXT FIELD specification (in the INSTRUCTIONS section of the form). However, the specified next field is not named in the current INPUT statement, so the cursor cannot move to that field.

1.87 -1165

"FMP" means INFORMIX-4GL/ RF. See the installation documentation for your system.

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1.88 -1166

"FMP" means INFORMIX-4GL/RF. See the installation documentation for your system.

1.89 -1167

"FMP" means INFORMIX-4GL/RF. See the installation documentation for your system.

1.90 -1168

The SHOW OPTION, HIDE OPTION, or NEXT OPTION statement cannot refer to an option (command) that does not exist. Check the spelling of the name of the option.

1.91 -117

No current Informix product displays this message . If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.92 -1170

Check the setting of your TERM environment variable and the setting of your TERMCAP or TERMINFO environment variable. Check with your system administrator if you need help with this action.

1.93 -1171

"FMP" means INFORMIX-4GL/RF. See the installation documentation for your system.

1.94 -1176

In the indicated MENU statement, you have defined a key value in more than one COMMAND KEY keylist, or both in a COMMAND KEY keylist and as the default activation key for one or more non-hidden COMMAND clauses (for example, that key value is also the first character of one or more menu option strings). This is an illegal condition because there is no way for MENU to resolve what to do if the given keystroke occurs.

A given key may appear as the default activation key for more than one COMMAND (without the KEY clause), because the user will be prompted for subsequent keystrokes until a unique string is obtained. This is not possible with COMMAND KEY, because only one keystroke is compared.

If a COMMAND is currently hidden (by using the HIDE OPTION keywords), its default activation key is ignored and does not trigger this particular error condition.

1.95 -118

The ISAM processor is trying to roll back a transaction or recover a file but has encountered an error while reading the transaction log. Look for operating-system error messages that might give more information. Use the dblog or selog utility to get more information about the problem. If the file (table) cannot be recovered, you will have to re-create it or restore it from backup.

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1.96 -119

The ISAM processor is trying to roll back a transaction or recover a file and has encountered bad data in a transaction log record. The dblog or selog utility can be used to get more information about the problem. If the file (table) cannot be recovered, you will have to re-create it or restore it from backup.

1.97 -12

An operating system error code with the meaning shown was unexpectedly returned to the database server. "Core" probably refers to data space in memory that an operating system function needed. Look for other operating-system error messages that might give more information.

1.98 -120

The ISAM processor is trying to open the transaction log file but has received an error from the operating system. Look for operating-system error messages that might give more information. C-ISAM programs: Review the parameter passed to islogopen. Make sure that it specifies the correct filename of an existing, writable log file and that it includes a path if the file is not in the current directory.For SQL products, the START DATABASE command establishes the transaction log file. Make sure that the log file still exists in the same directory location as when START was issued and that your account has write access to it.

1.99 -1200

The float DECIMAL data type accommodates numbers from 10-130 through 10124 in absolute value. The precision (number of significant digits) varies from 1 to 32; however the source of this error is not in the length of the number but in its magnitude.

1.100 -1201

The DECIMAL data type accommodates numbers from 10-130 through 10124 in absolute value. The precision (number of significant digits) varies from 1 to 32; however the source of this error is not in the length of the number but in its magnitude.

1.101 -1202

A divisor is not allowed to be zero. In some cases this error can arise because the divisor is a character value which does not convert properly to numeric.

1.102 1203

Data Extract cannot locate a needed message file. Make sure you specified the appropriate pathname when you set the INFORMIXDIR and DBLANG environment variables. Contact your system administrator if you need help setting these environment variables.

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1.103 -1203

The MATCHES relationship applies only to character data; both its operands must be CHAR or VARCHAR columns or variables, or literal character strings. If you need to apply a regular-expression pattern match to a numeric value you can do so in 4GL by assigning the numeric value to a CHAR variable, and testing that variable.

1.104 1204

Make sure that you set the TERM environment variable correctly. Check the database name for correct spelling. Contact your system administrator if you need help setting the environment variable.

1.105 -1204

The year in a DATE value or literal must be given as either two or four decimal digits; that is, from 00 to 99 or from 0001 to 9999. The number 0000 and other numbers of digits are not acceptable.

1.106 -1205

The month in a DATE value or literal must be given as a one- or two-digit number from 1 to 12.

1.107 -1206

The day number in a DATE value or literal must be given as a one- or two-digit number from 1 to 28, 30, or 31 depending on the month given with it.

1.108 -1207

A noncharacter value, after conversion to a character string, is too long to fit in the buffer that was provided. If the conversion was automatic, change the program to provide a larger host variable to receive the string. If this was an explicit call to conversion function, pass a larger buffer.

1.109 -1208

If you are using a database server prior to Version 4.0, in SQL statements such as INSERT and UPDATE , there is no automatic conversion from numeric values to character ones. Make sure that the value specified for each column agrees with the data type of that column. By using a database server of version 4.0 or later, this message should not appear.

1.110 -1209

When a literal date value is entered in numeric form, not enclosed in quotes to make it a character string, it must be entered as a number of precisely 6 digits (representing mmddyy) or 8 digits (representing mmddyyyy). Since there is no punctuation, a date with any other number of digits is ambiguous; it cannot be divided into month, day, and year with certainty.

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1.111 -121

The ISAM processor is trying to add a record to the transaction log but has received an error from the operating system. The disk might be full. Look for operating-system error messages that might give more information. The transaction-log file can grow quite large. To reduce its size, you must do two things. First, make a backup copy of the data file (for C-ISAM) or all database files (for SQL). Second, make the transaction-log file an empty file. If you perform these steps routinely, you can control the size of the log file .

1.112 -1210

The DATE type is compatible with the INTEGER type, but not all integer values are valid dates. This error arises when trying to convert to character from a date whose numeric value is less than

-693,594, or greater than 2,958,464. Numbers outside this range have no representation as dates.

1.113 -1211

4GL is unable to allocate memory for a small, temporary work area used for processing an expression. Simplifying the program in almost any way will release enough space to avoid this error.

1.114 -1212

When a date value is converted between internal binary format and display or entry format, the conversion is directed by a pattern. When conversion is done automatically, the pattern is taken from the environment variable DBDATE. When it is done with an explicit call to the rfmtdate(), rdefmtdate(), or USING functions, a pattern string is passed as a parameter. In any case, the pattern string (the " format" of the message) must include letters showing where the three parts of the date are to go: 2 or 3 letters d; 2 or 3 letters m; and either 2 or 4 letters y.

1.115 -1213

A character value is being converted to numeric form for storage in a numeric column or variable. However, the character string cannot be interpreted as a number: it contains some characters other than white space, digits, a sign, a decimal, or the letter e; or else the parts are in the wrong order so the number cannot be deciphered.

If you are using NLS, the decimal character or thousands separator might be wrong for your locale.

1.116 -1214

The SMALLINT data type can accept numbers with absolute values from 0 through 32,767 (±215-1). If it is necessary to store numbers outside this range, the column or variable must be redefined to use INTEGER or DECIMAL type. (The value -32,768 is a 16-bit value but is not acceptable; it is used in 4GL to indicate a null value.)

1.117 -1215

The INTEGER data type can accept numbers with absolute values from 0 to 2,147,483,647 (±231-1). If it is necessary to store numbers outside this range, the column or variable must be redefined to use

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DECIMAL type. (The value -2,147,483,648 is a 32-bit value but is not acceptable; it is used in 4GL to indicate a null value.)

1.118 -1216

The exponent of a numeric literal may not exceed 32,767. In fact, none of the available data types can accommodate an exponent that large; however this message is triggered by the exponent itself, before checking the destination of the number. Check the statement for missing or misplaced punctuation that might have caused two numbers to run together.

1.119 -1217

The pattern string used to format a date (either the DBDATE environment variable or the pattern passed to rfmtdate( ) or the USING function) is too long. The limit is 80 bytes.

1.120 -1218

The input to the rstrdate() function does not properly represent a date: either it has nondigits where digits are expected, or an unexpected delimiter, or numbers that are too large or are inconsistent.

1.121 -1219

This message is not believed to be in use in any current product. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.122 -122

The ISAM processor has been asked to mark the start or end of a transaction, but transaction logging is not in effect. For C-ISAM programs, this file was not opened with logging. Review the calls to isopen, and make sure that the ISTRANS parameter is included.For SQL products, this database does not support transaction logging. If you are using the OnLine database server, have the system administrator enable logging for this database. Otherwise, use the START DATABASE statement to begin transaction logging. In all cases, start logging only immediately after the database has been fully archived.

1.123 -1220

This message is not believed to be in use in any current product. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.124 -1221

This message is not believed to be in use in any current product. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.125 -1222

The SMALLFLOAT data type can accept numbers within a certain range of exponents. The maximum and minimum exponent values are different depending on the host operating system (the range is

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the same as is supported by the C compiler for float values in this system). In the current statement, a constant number is being converted for storage in a FLOAT variable or column, and the exponent is too large or too small.

1.126 -1223

The FLOAT data type can accept numbers within a certain range of exponents. The maximum and minimum exponent values are different depending on the host operating system (the range is the same as is supported by the C compiler for double values in this host system). In the current statement, a constant number is being converted for storage in a FLOAT variable or column, and the exponent is too large or too small.

1.127 -1224

This message is not believed to be in use in any current product. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.128 -1225

This statement attempted to store a null value in a column that has been defined as not allowing nulls. Review the definition of the table, and revise the statement so it supplies values for all required columns.

1.129 -1226

4GL is attempting to convert a value for storage in a DECIMAL or MONEY variable. However, the value has more digits to the left of the decimal point than are allowed by the declaration of the variable. Revise the program to assign the converted number to a variable with greater precision.

1.130 -1227

4GL cannot locate a file of message texts. The file should have a suffix of .iem and exist in the product directory, $INFORMIXDIR/msg. Reinstall such files from the distribution materials. If you have started to modify the user-message file, 4glusr.msg, make sure that its compiled form has been replaced in the correct directory.

1.131 -1228

4GL cannot find a message number that should appear in a message file that was installed with the product. Reinstall all files of type .iem from the distribution materials. If you have modified the contents of the file, 4glusr.msg, review all deletions you might have made, and recompile that file.

1.132 -1229

4GL is trying to look up a message text in a message file and the file has contents that do not match the current version of the product. Possibly the file is corrupt; possibly a message file from a prior version is being found. The file has a suffix of .iem and exists in the etc subdirectory of the path identified by the INFORMIXDIR environment variable. Reinstall such files from the distribution materials. If you have started to modify the user-message file, 4glusr.msg, make sure that you are recompiling it with a

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current version of the mkmessage utility.

1.133 -123

This implementation of ISAM uses shared memory; however, the shared-memory partition has not been established. Contact the system administrator or the person who installed the product.

1.134 -1230

An invalid filename has been supplied for the message file used for displaying error messages such as the ones in this book, so it cannot be opened. Check the value of the DBLANG environment variable, if one is specified.

1.135 -1231

The application is trying to look up a message text in a message file and is receiving an error code when it tries to position within the file. This indicates some problem with the file itself; possibly it has been corrupted or truncated. Reinstall all files of type .iem from the distribution materials. If you have modified the user-message file, 4glusr.msg, recompile it as well.

1.136 -1232

4GL is reading a message text from a compiled message file, and is unable to resize the buffer to be large enough to hold the complete message. This may indicate a critical shortage of data space, but more probably indicates a corrupted or invalid message file. Reinstall all files of type .iem from the distribution materials. If you have modified the user-message file, 4glusr.msg, recompile it as well.

1.137 -1233

This message is not believed to be in use in any current product. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.138 -1234

This message is not believed to be in use in any current product. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.139 -1235

In an ESQL/C program, the program has attempted to fetch a column value into a host variable that is not large enough. Use the DESCRIBE command to find out the sizes of column values.

If this arises in a 4GL program, please note all circumstances and contact the Informix Technical Support Department.

1.140 -124

The ISAM processor has been asked to mark the end of a transaction but no transaction has been started. For C-ISAM programs, review the program logic to make sure that it calls isbegin before it

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calls iscommit or isrollback. For SQL products, make sure that you execute BEGIN WORK before COMMIT WORK or ROLLBACK WORK.

1.141 -125

The ISAM processor has been asked to open a file that is located on a disk attached to another computer and accessed using the Network File System (NFS). This action is not supported. Database files must be on disks that are physically attached to the computer in which the ISAM processor is running. To use a database on a different computer, you must install the INFORMIX-STAR or INFORMIX-NET networking software. Then an application in this computer can communicate with a database server running in the computer to which the disks are attached.

1.142 -1250

Your application is initializing its communication with the database server using an operating system facility called a pipe. The operating system returned an unexpected error code. Look for operating system error messages that may give more information.

1.143 -1251

Your application is initializing its communication with the database server, which is a version that uses shared memory for communications. An unexpected error has occurred using an operating system function, semget. Look for operating system messages that may give more information. Consult with the person who installed the Informix shared-memory product.

1.144 -1252

Your application is initializing its communication with the database server, which is a version that uses shared memory for communications. An unexpected error has occurred using an operating system function, shmget. Look for operating system messages that may give more information. Consult with the person who installed the Informix shared-memory product.

1.145 -1254

The program is attempting to open a database managed by a database server in another system, but could not open a network connection to the other system. Check the site name specified in the DATABASE or CREATE DATABASE statement. If it is as intended, look for other error messages from the networking component or the operating system. Contact the operator of the other system and verify that it is active and accepting network connections.

1.146 -1257

By "back end" the message means the database server. This is an internal error. Look for operating system messages that might give more detail. In DOS systems, you probably are out of memory; exit to the operating system command line and resubmit your program. After verifying that it is not the result of a system limit or local problem, please note all circumstances and contact the Informix Technical Support Department.

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1.147 -1258

By "back end" the message means the database server. This is an internal error. Look for operating system messages that might give more detail. After verifying that it is not the result of a system limit or local problem, please note all circumstances and contact the Informix Technical Support Department.

1.148 -126

The ISAM processor was asked to retrieve a row by its physical location but could not find a row at that location. For C-ISAM programs, if you are using access by record number, review the number stored in isrecnum; it is invalid. Otherwise, the current index may be damaged; run the bcheck or secheck utility. For SQL products, the index has been damaged; run the bcheck or secheck utility to check and repair it if you are using the INFORMIX-SE database server. Run tbcheck if you are using the INFORMIX-OnLine database server, or run oncheck if you are using the INFORMIX-OnLine Dynamic Server.

1.149 -1260

The system will attempt any data conversion that makes sense. However some, such as INTERVAL to DATE, or DATETIME to MONEY, are not supported. You may have referenced the wrong variable or column. Make sure that you have specified the data types that you intended, and that literal representations of data values are correctly formatted.

1.150 -1261

The first field of a DATETIME literal must contain either 1 or 2 digits (if it is not a YEAR) or else either 2 or 4 digits (if it is a YEAR). The first field of an INTERVAL literal represents a count of units, and may have up to 9 digits, depending on the precision specified in its qualifier. Review the DATETIME and INTERVAL literals in this statement and correct them.

1.151 -1262

The form of a DATETIME or INTERVAL literal is very limited. One may contain only decimal digits and the allowed delimiters: the hyphen between year, month, and day numbers; the space between day and hour; the colon between hour, minute, and second, and the decimal point between second and fraction. Any other characters, or these characters in the wrong order, will be detected as an error.

1.152 -1263

Inspect the DATETIME and INTERVAL literals in this statement; at least one of them contains at least one incorrect field. In a DATETIME literal, the year may be zero; the month may be other than 1-12; the day may be other than 1-31 or inappropriate for the month; the hour may be other than 0-23; the minute or second may be other than 0-59; or the fraction may have too many digits for the specified precision.

In an INTERVAL literal the constraints are the same except that the first field is a count and may have as many digits as the qualifier specifies.

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1.153 -1264

Nothing but spaces may follow a DATETIME or INTERVAL literal. Inspect this statement for missing or incorrect punctuation.

1.154 -1265

Both DATETIME and INTERVAL values are stored internally as DECIMAL values. In this statement, an arithmetic operation using DATETIME and/or INTERVAL values has caused an arithmetic overflow. This should not occur. Check the precision specified for an INTERVAL value. If the INTERVAL value you want to enter is greater than the default number of digits allowed for that field, you must explicitly identify the number of significant digits in your definition. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.155 -1266

Some arithmetic combinations of DATETIME, INTERVAL, and numeric values are meaningless and are not allowed. Review the arithmetic expressions in this statement. Possibly one of them is using a DATETIME or INTERVAL column or variable by mistake. If not, see your SQL reference material for the valid use of these data types.

1.156 -1267

In this statement a DATETIME computation has produced a value that cannot be stored. This can happen, for example, if a very large interval is added to a DATETIME. Review the expressions in the statement and see if you can change the sequence of operations to avoid the overflow.

1.157 -1268

This statement contains a DATETIME or INTERVAL qualifier that is not acceptable. These qualifiers may contain only the words YEAR, MONTH, DAY, HOUR, MINUTE, SECOND, FRACTION, and TO. FRACTION may be followed by a number from 1 to 5 in parentheses. Inspect the statement for missing punctuation and misspelled words. It is a common error to add an s, as in MINUTES, which is incorrect.

1.158 -1269

This message was issued because a function that requires an argument that is a locator (a reference to a BYTE or TEXT value) received something other than a valid locator (such as a NULL parameter). Review the program logic to make sure the arguments are correct. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.159 -127

The ISAM processor was called for a function that requires a unique primary-key index, but no such index exists for this file.For C-ISAM programs, review the design of the data file; it was created with a zero-part primary index, that is, for retrieval by record-number sequence. If that is not the case, the index might be damaged; run the `bcheck` or `secheck` utility. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

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1.160 -1270

You may use a minus sign as an arithmetic operator between an INTERVAL literal and other values, and you may use a minus sign as a prefix to an INTERVAL literal to indicate it is a negative quantity. However you may not embed a minus sign among the fields of the literal. If you did not intend to do this, inspect the statement for missing or misplaced punctuation.

1.161 -1271

A decimal point is expected to appear in a DATETIME or INTERVAL literal when the qualifier of the literal contains the word FRACTION. This statement has such a literal but no decimal point was found. Inspect the literal qualifiers and look for missing or misplaced punctuation.

1.162 -1272

You have not specified an input string for this function, so the conversion cannot proceed. Set the input string argument and call the function again. (This function may require that formatting directives be defined with the DBTIME environment variable.)

1.163 -1273

This error is returned when the function is called and the address space for the output buffer is null or smaller than the format string length. Redefine the size of the address and execute the function again. (This function may require that formatting directives be defined with the DBTIME environment variable.)

1.164 -1275

The field width or precision in DATETIME or INTERVAL format specification must make sense. The field width must be a decimal number, with a leading zero or minus ('-') sign. If there is a precision specification, it must also be decimal, separated from the field width specification by a period ('.').

1.165 -1276

A format conversion character in the format string is not valid. Check the string against the table of format conversion directives for DATETIME and INTERVAL format conversion functions in the manual for your embedded language product. See also the discussion of the DBTIME environment variable in Chapter 4 of the Informix Guide to SQL: Reference.

1.166 -1277

Make sure that the ASCII string containing a DATETIME or INTERVAL value conforms to the format string. For example, a percent character () in a DATETIME or INTERVAL ASCII string must have a matching "%% " sequence in the format string. See also the discussion of the DBTIME environment variable in Chapter 4 of the Informix Guide to SQL: Reference.

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1.167 -1278

Check the pattern matching string specified in the statement's LIKE or MATCHES clause. In an ANSI database, the only valid characters that can be escaped are: %, _, and the escape character for the LIKE clause, and *, ?, [,], and the escape character for the MATCHES clause.

1.168 -1279

This message applies only to ANSI databases. You tried to insert into a CHAR, NCHAR, VCHAR, or NVCHAR column using a string host variable, but the string is too long.

1.169 -128

The ISAM processor was called for a function that requires a transaction log, but none exists for this file. For C-ISAM programs, review the creation of the data file. Before the program uses functions such as isbegin, it must set up a log using islogopen. For SQL products, this database does not support transaction logging. If you are using the OnLine database server, have the OnLine administrator enable logging for this database. Otherwise, use the START DATABASE statement to begin transaction logging. In all cases, start logging only immediately after the database has been fully archived.

1.170 -129

This implementation of ISAM uses shared memory, and the maximum number of concurrent users for which the shared memory was configured has been reached. You might need to increase the value of the USERTHREADS and TRANSACTIONS configuration parameters in the ONCONFIG file. If the problem recurs, contact the system administrator or the person who installed the product.

Important: The word "users" can be misleading; the limit is on the number of concurrent application programs using the database server. It is possible for one user to start multiple applications at the same time. For example, when a user starts the INFORMIX-4GL Programmer's Environment, it opens a session with the database server. When that user issues a command to compile a 4GL program, the 4GL compiler starts and also opens a session with the database server. During a compile, this user has two sessions running.

1.171 -13

An operating system error code with the meaning shown was unexpectedly returned to the database server. This error message usually follows an attempt to execute a file that is not a program or shell script; it might reflect an error in a REPORT TO specification in a report. Look for other operating-system error messages that might give more information.

1.172 -130

This code indicates one of two problems. The most likely problem is that this operation specifies a dbspace by name (for example, in the IN clause of a CREATE TABLE statement or in the DBSPACETEMP environment variable setting), and that name has not been defined. You can run the tbstat or onstat utility with the -d option to see the names of defined dbspaces. Ask the OnLine administrator about creating a new dbspace.

If the operation does not explicitly name a dbspace, or if the name is correct, the problem might be more serious. The error might reflect corruption of reserved pages in the root dbspace. Use the

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tbcheck or oncheck utility with the -cr option to check for this condition.

1.173 -1301

A list or range of acceptable values has been established for this column (via an INCLUDE attribute in the form specification file). You must enter a value within the acceptable range.

1.174 -1302

To guard against typographical errors this field has been designated VERIFY (in the form specification file). The value in this field must be entered twice, identically. Carefully reenter the data. Alternatively, you may cancel the form entry with the Interrupt key (usually CTRL-C, but see the operating instructions supplied by the program author).

1.175 -1303

This field is defined (in the form specification file) with a PICTURE attribute to specify its format. You are not allowed to use certain editing keys (for example, CTRL-A, CTRL-D and CTRL-X) while you are editing such a field. Enter the value using printable characters and backspace only.

1.176 -1304

You have entered a value in this field which cannot be stored in the program variable meant to receive it. For example, you might have entered a decimal number when the application provided only an integer variable; or you might have entered a character string longer than the application expected. Note all the circumstances and then discuss the problem with the person who wrote the application program.

1.177 -1305

The cursor is in a form field which has been designated REQUIRED. You must enter some value before the cursor can move on to another field. You may, however, enter a null value by typing any printable character and then backspacing. Alternatively you may cancel the form entry with the Interrupt key (usually CTRL-C, but see the operating instructions supplied by the program author).

1.178 -1306

The cursor is in a form field which has been designated VERIFY. You must enter the value twice, identically, before the cursor can move on to another field. This is to help ensure that there are no typographical errors during data entry. Alternatively you may cancel the form entry with the Interrupt key (usually CTRL-C, but see the operating instructions supplied by the program author).

1.179 -1307

You are entering data into an array of records which is represented in the program by an array of program variables. That array is now full; there is no place to store another record. Press the ACCEPT key (usually Escape, but see the operating instructions supplied by the program author) to process the records you have entered.

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1.180 -1308

You have pressed the Delete Row function key (usually F2, but see the operating instructions supplied by the program author) in an empty row. Nothing was deleted.

1.181 -1309

You are attempting to scroll an array of records farther than it can go; either scrolling up at the top or scrolling down at the bottom of the array. Further attempts will have the same result, but go ahead if it amuses you.

1.182 -131

Not enough contiguous free disk space is available to complete the current operation. For C-ISAM programs, if transaction logging is in use, roll back the current transaction. Make some disk space available, and run the program again. For SQL products, roll back the current transaction, if possible. Contact the system administrator about acquiring more disk space for databases.

1.183 -1310

The current function does not return void, but is about to exit without having executed a RETURN statement.

1.184 -1312

There is a problem with a screen form. Look up error number in this document. Consider it in relation to the current statement.

1.185 -1313

The current statement calls on the database server which detected an error and returned an error code number. Look up number in this document. Also look for other error messages.

1.186 -1315

The program has stopped because an error was detected. Look up error code number in this document. Also look for other error messages for more details.

1.187 -1316

The current statement called on the database server, which detected an error (probably reported in a display of error -1313). This message contains additional detail on the cause of the error. Look up number in this document.

1.188 -1317

4GL converts between one data type and another automatically whenever it can do so without losing information. In the current statement, it was not able to do so. Look first for function calls, and inspect

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the values passed as parameters. Make sure that the values passed agree in type with the parameters as they are defined in the function bodies. (An example of such an error would be calling a function fun("X") when within the function its parameter was defined as an integer.) If the statement is a LET statement, make sure that the value computed on the right can be accommodated in the variable named on the left.

1.189 -1318

Either too many or too few parameters were given in the call to the function. The call is probably in a different source module from the called functions. Inspect the definition of the function and check all places where it is called to make sure they use the number of parameters it declares.

1.190 -1319

You will have to reduce the data space required by the program. Review the size of large character variables and the dimensions of arrays. It may be necessary to split the program up into separate programs that load separately, if that is possible.

1.191 -132

The limit on a single row is the disk page size that OnLine supports. Define the table differently, so that each row is shorter. Consider splitting the table into two or more tables or using more compact data types.

1.192 -1320

If the function was invoked as part of an expression, then it returned more than one value. If it was invoked with a CALL statement, then the number of expressions following the RETURN statement (in the function) was different from the number of variables listed in the RETURNING clause (in the CALL).

Make sure the correct function was called. Review the logic of the function, especially its RETURN statements, to make sure it always returns the expected number of values.

1.193 -1321

The VALIDATE statement tests the current value of variables against rules stored in the syscolval table. It has detected a mismatch. Ordinarily the program would use the WHENEVER statement so as to trap this error and display or correct the erroneous values. Inspect the VALIDATE statement to see which variables were being tested and find out why they were wrong.

1.194 -1322

The file specified in the REPORT TO statement cannot be opened. Make sure your account has permission to write such a file, that the disk is not full, and that you have not exceeded some limit on the number of open files.

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1.195 -1323

The pipe specified in the REPORT TO PIPE statement could not be started. Make sure that all programs named in it exist and are accessible from your execution path. Look also for operating system messages that might give more specific errors.

1.196 -1324

The file specified in the REPORT TO statement was opened but an error occurred while writing to it. Possibly the disk has filled up. Look for operating system messages that may give more information.

1.197 -1326

The subscript expression for an array has produced a number that is either less than one or greater than the number of elements in the array. Review the program logic leading up to this statement to determine how the error was made.

1.198 -1327

Within the report function, 4GL generated an SQL statement to save rows into a temporary table. The dynamic preparation of the statement (see the reference material on the PREPARE statement) produced an error. The most likely cause is that the database tables are not defined now, at execution time, as they were when the program was compiled: either the database has been changed or the program has selected a different database than the one that was current during compilation. Another possibility is that the database administrator has revoked SELECT privilege from you for one or more of the tables used in the report. Look for other error messages that may give more details.

1.199 -1328

Within the report definition, 4GL generated an SQL statement to save rows into a temporary table. However the temporary table could not be created. The most likely cause is that there is no disk space left in the database. Another common cause is that you already have a table in your current database with the same name as the temporary table which the report definition is attempting to create as a sorting table. The sorting table is named "t_reportname". (For example, a report named "order_rpt" would name its sorting table "t_order_rpt".) Therefore, it is recommended that users avoid naming tables with names that begin with "t_". Another possible cause of error -1328 with some database servers is that you have exceeded an operating system limit on open files. Look for other error messages that may give more details.

1.200 -1329

Within the report definition, 4GL generated SQL statements to save rows into a temporary table. However, an index could not be created on the temporary table. The most likely cause is that an index with the same name already exists in the database (the sorting index is named "i_reportname"; for example, "i_order_rpt"). Another common cause is that there is no disk space available in the file system or dbspace. Another possibility with some database servers is that you have exceeded an operating system limit on open files. Look for other error messages that may give more details.

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1.201 -133

The ISAM processor has been asked to operate on a file in a way that is incompatible with an audit trail, yet an audit trail exists for the file. For C-ISAM programs, you cannot call isclust er while an audit trail exists. First call isaudit with the AUDSTOP mode. For SQL products, you cannot create a clustered index on a table while it has an audit trail. First use the DROP AUDIT command to drop the audit trail .

1.202 -1330

Within the report definition, 4GL generated SQL statements that would save rows into a temporary table. However an error occurred while rows were being inserted. The most likely cause is that there is no disk space left in the database. Look for other error messages that may give more details.

1.203 -1331

Within the report definition, 4GL generated SQL statements to select rows from a temporary table. The table was built successfully but now an error occurred while rows were being retrieved from it. Almost the only possible cause is a hardware failure or an error in the database server. Check for operating system messages that might give more details.

1.204 -1332

In the current statement, a variable used in taking a substring of a character value contains a number less than one, or a number greater than the size of the variable, or the first substring expression is larger than the second. Review the program logic leading up to this statement to find the cause of the error.

1.205 -1333

The current RETURN statement contains an expression that evaluates to a character string longer than 512 characters. This is not supported. Review the logic of the function and modify it so that it does not return such a long character value. A longer string can be assigned to a global variable.

1.206 -1334

This message should not be seen from a program compiled at a version higher than Version 4.1; however programs compiled by 4GL Version 4.1 and earlier must deal with this issue.

“Temporary” string storage is used while evaluating a character expression. It is allocated by a simple algorithm from a fixed-size buffer. Space in this buffer is not reclaimed until the last pending character expression is finished. Since most expressions complete immediately, the string buffer is normally emptied as fast as it is used.

However when expressions involve function calls, expression evaluation is suspended during the function call. The buffer is not cleared until the function returns. For example in this statement,

```
LET charvar = numvar USING '###', myfunc()
```

temporary space is used for the literal "###" and the result of the USING operator. These pending values remain in the string buffer for the duration of the call to myfunc( ). If the aggregate total of all temporary character values used during the evaluation of myfunc( ) and its sub-functions exceeds the buffer size, this error will occur.

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It is usually possible to prevent the error by isolating function calls in separate statements, as in the following example:

```
LET charvar = myfunc()
LET charvar = numvar USING '###', charvar clipped
```

The string buffer is free during the call to myfunc( ) in the first statement, and free again as soon as the second statement completes.

The short form of a WHEN clause in a CASE statement also creates a suspended character expression. In the following example temporary string storage will be tied up throughout the calls to func_A( ) and func_B( ).

```
CASE charvar
WHEN 'A' CALL func_A()
WHEN 'B' CALL func_B()
    ...
```

The longer form of the WHEN clause does not do this because evaluation of the character expression is completed before the function call begins.

```
CASE
WHEN charvar = 'A' CALL func_A()
WHEN charvar = 'B' CALL func_B()
```

Finally, a known error in some versions of INFORMIX-4GL version 4.1 causes a spurious error of this type when the WORDWRAP clause appears in a PRINT statement. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.207 -1335

The program has executed an OUTPUT TO REPORT or FINISH REPORT statement before it has executed a START REPORT. Review the logic of the program leading up to this statement to find the cause of the error.

1.208 -1336

The program runner or a customized runner must be at the same software version as the program compiler. First make sure that the programs are at the same level by executing each with the -V options. That option makes them display their version numbers. When you know you are using compatible software, recompile your program.

1.209 -1337

The variable shown is defined in the GLOBALS section of two or more modules, but it is defined differently in some modules than in others. Possibly modules were compiled at different times, with some change to the common GLOBALS file between. Possibly the variable is declared as a module variable in some module that does not include the GLOBALS file.

1.210 -1338

The named function is called from at least one module of the program, but it is defined in none. If you are using the Programmer's Environment, possibly one module was not defined as part of a multi-module program. If you are working at the command line, possibly one or more compiled .4go modules were omitted when the program files were concatenated to form the .4gi file.

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1.211 -1339

This is an internal problem in the runner. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.212 -134

The ISAM processor needs to lock a row or an index page, but no locks are available. The number of locks that an operation requires depends primarily on the number of rows that a single transaction modifies. You can reduce the number of locks that an operation need s by doing less in each transaction or by locking entire tables instead of locking rows. Depending on the implementation that you are using, the number of locks that are available is configured in one of three places: the operating-system kernel; the shared-memory segment; or OnLine. Consult your OnLine administrator about making more locks available.

1.213 -1340

The program has called the errorlog( ) function without first having called the startlog( ) function. Review the program logic to find out the cause of this error.

1.214 -1343

This INPUT, PROMPT, or MENU statement contains a HELP

help-number clause; however no message file has been established. The message file is established by the OPTIONS HELP FILE statement; and none has yet been executed. Review the program logic and modify it to execute an OPTIONS statement with a HELP FILE clause before it is needed.

1.215 -1344

This message is not displayed by any current Informix product.

1.216 -1345

The p-code file for the program (whose file suffix is .4go) has become corrupted. Recompile the whole program and run it again. If the same error occurs, make sure that you are running both the p-code compiler and the p-code runner at the identical version level. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.217 -1346

The DECIMAL data type accommodates numbers from 10-130 through 10124 in absolute value. The precision (number of significant digits) varies from 1 to 32; however the source of this error is not in the length of the number but in its magnitude.

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1.218 -1347

The DECIMAL data type accommodates numbers from 10-130 through 10124 in absolute value. The precision (number of significant digits) varies from 1 to 32; however the source of this error is not in the length of the number but in its magnitude.

1.219 -1348

A divisor is not allowed to be zero. In some cases this error can arise because the divisor is a character value which does not convert properly to numeric.

1.220 -1349

A character value is being converted to numeric form for storage in a numeric column or variable. However, the character string cannot be interpreted as a number: it contains some characters other than white space, digits, a sign, a decimal, or the letter e; or else the parts are in the wrong order so the number cannot be deciphered.

1.221 -135

This error may indicate corruption of control information in the root dbspace, a serious problem that might require restoring the system from archive. In the short term, roll back the current transaction, and terminate the application. Then the OnLine administrator should run the tbcheck or oncheck utility.

1.222 -1350

The system will attempt any data conversion that makes sense. However some, such as INTERVAL to DATE, or DATETIME to MONEY, are not supported. You may have referenced the wrong variable or column. Make sure that you have specified the data types that you intended, and that literal representations of data values are correctly formatted.

1.223 -1351

Each function (or report, which is similar to a function) must have a unique name within the program. Either this use or the prior one must be changed.

1.224 -1352

The name shown has been defined at least two ways. Names at the global or module level (function names, report names, and names of global or module variables) must be unique. Locate all the definitions of this name and change all but one of them.

1.225 -1353

The built-in form editor cannot deal with TEXT or BYTE columns. However it is possible to designate an external program that can display or edit a value from a TEXT or BYTE column. To call the external program for any field, put the cursor in that field and key the exclamation mark (!) character. If an external program has been defined (using the PROGRAM attribute in the form specification) it will be

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started. In a TEXT field, if no external program is specified in the form, the program named in the DBEDIT environment variable will be started.

1.226 -1355

A TEXT or BYTE variable has been located in a temporary file using the LOCATE statement. The current statement assigns a value into that variable, so 4GL attempted to create the temporary file, but an error occurred. Possibly there is no disk space, or possibly your account does not have permission to create a temporary file. 4GL creates a temporary file in the directory specified by the DBTEMP environment variable. Look for operating system error messages that might give more information. Check the value of DBTEMP. Since Version 5.01, the DBTEMP environment variable is used by the INFORMIX-SE database server but not by the INFORMIX-OnLine Dynamic Server.

1.227 -1356

The operating system signalled an error during output to a temporary file in which a TEXT or BYTE variable was being saved. Possibly the disk has filled up, or there may have been a hardware failure. Look for operating system messages for more information.

1.228 -1357

The operating system signalled an error during input from a temporary file in which a TEXT or BYTE variable was saved. Possibly there may have been a hardware failure. Look for operating system messages for more information.

1.229 -1358

The operating system signalled an error during output to a temporary file in which a TEXT or BYTE variable was being saved. Possibly the disk has filled up, or there may have been a hardware failure. Look for operating system messages for more information.

1.230 -1359

The operating system signalled an error during output to a temporary file in which a TEXT or BYTE variable was being saved. Possibly the disk has filled up, or there may have been a hardware failure. Look for operating system messages for more information.

1.231 -136

The OnLine database server needs to add an extent to a table but cannot do so. Either not enough disk space is available in the dbspace, or the table has been given the maximum number of extents allowed. The OnLine administrator can determine the cause as follows:

1. Determine the tblspace number for the table. It is the value in the partnum column of the systables table for this table.
2. Convert the tblspace number to hexadecimal and extract its most- significant two digits (the high-order byte). This chunk number indicates where the table resides.
3. Use the tbstat or onstat utility -t option to find out disk usage for this table. Note particularly the values reported for npages (disk pages available), nused (disk pages used), and nextns (number of extents).

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If nused is less than npages and nextns is large (over 200), the table has too many extents. The upper limit of extents per table is between 200 and 50, The limit varies with the table definition and the disk-page size in use. Reallocate the table using fewer, larger extents. Unload the table data to a flat file. Drop the table. Re-create the table, specifying a first-extent size sufficient to hold all its current data and a next-extent size between one-fourth and one-sixteenth its current size. Then reload the data into the table.

If nextns is small or the difference between npages and nused is less than the size of the next-extent size for the table, not enough disk space is available in the dbspace where the table resides. Use the chunk number from step 2 and the DB-Monitor or ON-Monitor Chunks display to determine the dbspace, then add a new chunk to that dbspace.

1.232 -1360

You have pressed the exclamation-mark key (!) while the cursor was in a TEXT or BYTE field. However, no external program has been designated for this field (using the PROGRAM attribute in the form specification file). If this is a TEXT field, you can specify a text editor by setting the DBEDIT environment variable before starting the program.

1.233 -1361

The BYTE or TEXT variable has been located in a file using the 4GL statement LOCATE. However, the filename given for the variable is a null string. Since the file does not exist, 4GL cannot do anything with it.

1.234 -1362

The program attempted to access outside the boundaries of the stack. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.235 -1363

The program attempted to access outside the memory belonging to the application. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.236 -1364

The mechanism allowing the application to catch and handle internal errors was unable to complete its actions. Return to DOS and restart Windows.

1.237 -1365

The Application Launcher, fglaunch, did not find the requested application.

1.238 -1366

The Application Launcher, fglaunch, could not load the requested application. The DLL does not have the required NewEra entry points, so it must not be a NewEra DLL. Check to see whether the NewEra DLL has the same name as an existing system DLL.

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1.239 -1367

The program options for the Application Launcher, fglaunch, specified that the DLL "dllname" included resources, but no resources were found,

1.240 -137

The ONLine administrator sees this error message. The ONLine database server is configured to handle a certain number of disk chunks. The limit has been reached, so a chunk could not be added. Increase the CHUNKS parameter of the TBCONFIG or ONCONFIG file, and initialize shared memory.

1.241 -1371

The indicated field name has been given to the NEXT FIELD statement or to the pf_nxfield( ) function, but it is not defined in the current form. A common error is to confuse the tag name, which is used in the screen layout and to the left of the equals sign in the ATTRIBUTES section, with the field name which is the column name used to the right of the equals sign in the ATTRIBUTES section. The latter is used when referring to fields.

1.242 -1372

This message is probably not returned by any current Informix product. If it should appear, refer to the explanation of error -1226. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.243 -1373

The built-in function get_fldbuf( ) or field_touched( ) has been called with the field name shown. However, input from that field was not requested in this CONSTRUCT or INPUT statement. As a result, the function cannot return any useful value. Review all uses of these functions and compare them to the list of fields at the beginning of the statement.

1.244 -1374

The program set WHENEVER WARNING STOP, and a warning condition arose. If the statement involved is a DATABASE statement, the condition is that the database just opened uses a transaction log. On any other statement, the condition is that a character value from the database had to be truncated to fit in its destination.

1.245 -1375

The program set WHENEVER WARNING STOP, and a warning condition arose. If the statement involved is a DATABASE statement, the condition is that the database just opened is ANSI-compliant. On any other statement, the condition is that a null value has been used in the computation of an aggregate value.

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1.246 -1376

The program set WHENEVER WARNING STOP, and a warning condition arose. If the statement involved is a DATABASE or CREATE DATABASE statement, the condition is that the database was opened by the OnLine database server. On any other statement, the condition is that a SELECT statement returned more values than there were program variables to contain them.

1.247 -1377

The program set WHENEVER WARNING STOP, and a warning condition arose. The condition is that in the database just opened, the database server will use the DECIMAL data type for FLOAT values.

1.248 -1378

A database operation was performed that is not part of ANSI SQL, although the current database is ANSI-compliant. This is an informational message only.

1.249 -1379

A report function has been entered as a result of a CALL statement. Report functions can only be executed using the START REPORT, FINISH REPORT, and OUTPUT TO REPORT statements. Review the program looking for places where the report function name is called like a normal function and change them. If you want to use some of the code in the report function as a subroutine, place it in a separate subroutine and call it from the report function and other places.

1.250 -138

The OnLine administrator sees this error message. The OnLine database server is configured to handle a certain number of dbspaces. The limit has been reached, so a dbspace could not be added. Increase the DBSPACES parameter of the TBCONFIG or ONCONFIG file, and initialize shared memory.

1.251 -1380

If you are attempting to clip an expression, you cannot CLIP a non-character expression.

-1380 Exception raised out of context.

If you are using INFORMIX-4GL,

1.252 -1381

An instance of the 4GL runner is currently executing. While debugging, you cannot launch additional instances of the runner through a RUN command, the RUN accelerator button, or directly from Windows. To launch a new instance of the runner, first quit the currently running 4GL application.

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1.253 -139

The ONLine administrator sees this error. The ONLine database server is configured to handle a certain number of logical logs. The limit has been reached, so a log could not be added. Increase the LOGSMAX parameter of the TBCONFIG or ONCONFIG file and initialize shared memory.

1.254 -1390

The named class has been declared, and has been used, but has never been defined. It must be defined at the definition of the first member function of that class.

1.255 -1391

The class specified in an AS clause of a NEW or COPY operation must be derived from the stated class.

1.256 -1392

In the p-code runner, an attempt was made to dereference a NULL object. Perhaps the program has defined an object, then tried to invoke a member function of it before creating it through !copy() or !derive().

1.257 -1393

The program attempted to define a class for a second time.

1.258 -1394

An ixRow argument is expected as the first argument for the built-in functions UNPACKROW() and PACKROWINTO().

1.259 -1396

The file named in a PRINT FILE statement cannot be opened. Review the file name. If it is not in the current directory, a full path must be specified. If the file is specified correctly, make sure that it exists and that your account has file permissions to read it. Look for operating system error messages that may give more details.

1.260 -14

An operating system error code with the meaning shown was unexpectedly returned to the database server. Look for other operating-system error messages that might give more information. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.261 -140

This error occurs only in the VMS operating system. An internal error has occurred while initializing shared memory. If the error recurs, please note all circumstances and contact the Informix Technical

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Support Department.

1.262 -141

The OnLine database server is configured to handle a certain number of open tblspaces (which correspond approximately to tables). This limit has been reached, so a table that is used in this statement could not be opened. In the short term, roll back the current transaction and then re-execute it when fewer concurrent operations are going on. To prevent recurrence, the OnLine administrator should configure the system to handle more open tblspaces. The TBLSPACES parameter of the TBCONFIG or ONCONFIG file sets the limit. The ovrtable count in the DB-Monitor or ON-Monitor Profile display reflects the number of times this error occurs.

1.263 -142

An internal error (probably obsolete) occurred. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.264 -143

The OnLine database server has detected an impending deadlock between your request and other, concurrent user requests. Each user request is waiting for a resource (a row or disk page) that is held by another request in the chain; if your requested operation went forward, the chain would be closed and all requests would be deadlocked. In the short term, treat this error the same as -107 (record is locked). Roll back the current transaction, and re-execute it after a delay. To prevent recurrence, review the design of the applications that use the same tables and execute concurrently. Various design strategies can minimize the probability of deadlock.

Tip: When INFORMIX-STAR is active, and your application is using tables in both this system and another system, deadlock detection is no longer deterministic but probabilistic, based on the duration of a delay waiting for resources in another system. The OnLine administrator can set the length of the delay after which deadlock is assumed.

1.265 -144

The current operation inserts a row with a certain primary key value, or updates a row with a certain primary key value, but a transaction that has not yet been committed has deleted that key value from the index. This error occurs only when the lock mode is set to NOT WAIT. Treat it the same as error -107 (record is locked). Roll back the current transaction, and re-execute it after a delay. Then, if the other transaction was committed, the lock no longer exists. If it was rolled back, the key exists, and this operation receives a duplicate-key error.

1.266 -145

The OnLine administrator sees this error. This OnLine system has not been initialized to support disk mirroring. Before you can add a mirror chunk, you must reinitialize the Initial Disk Parameters selection to show Y in the field labelled Mirror. This action incorporates disk-mirror support.

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1.267 -146

The OnLine administrator sees this error. You must bring the other chunk of this mirror pair to on-line status before you can take this chunk off-line.

1.268 -147

The OnLine administrator sees this error. The action that you have requested cannot be carried out while an archive is being made. For example, you cannot add a log or a mirror during archiving. Cancel the archive, or wait until it is complete, and then reissue the command.

1.269 -148

The OnLine administrator sees this error. You cannot remove a dbspace until all tables that are in it have been dropped. To find the names of remaining tables, use the tbcheck or oncheck utility with the -pe option; its report lists tables by chunk within dbspaces.

1.270 -149

Your application was in communication with the OnLine database server, but the database server is no longer running. Your current transaction will be rolled back when the OnLine system goes through fast recovery as it next starts up. Terminate the application, and contact the OnLine administrator to find out what happened and when the database server will be restarted.

1.271 -15

An operating system error code with the meaning shown was unexpectedly returned to the database server. There might be an error in the configuration of the database software such as an incorrect address in the chunk-device or tape-device parameters that were given to OnLine. Look for other operating-system error messages that might give more information.

1.272 -150

You are using a demonstration version of the database server. This version has severe limits on the number of tables and the size of the tables that it can manage. The current operation causes it to exceed one of those limits. Contact your Informix representative about buying the production version of the software.

1.273 -151

This is an internal error. Something caused the leading byte in a VARCHAR column on disk to indicate a varchar length greater than the column was defined to hold when the column was created. If the error recurs, please refer to the "OnLine Administrative Guide," Appendix B, 'Trapping Errors' to acquire additional diagnostics. Contact Informix Technical Support with the diagnostic information.

1.274 -152

This internal error should not occur. Note all the details about the network software in use and the version level of the database servers in this and the other host system. If the error recurs, please

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note all circumstances and contact the Informix Technical Support Department.

1.275 -153

The ISAM processor has been asked to lock or unlock the current file (table), but the file was not opened in the appropriate mode. For C-ISAM programs, review the uses of isopen, and make sure that the ISMANULOCK flag is passed when opening a table for manual locking. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.276 -154

This network operation has been suspended, awaiting a response from another database server, for the maximum duration allowed. The INFORMIX-OnLine Dynamic Server assumes that a distributed deadlock exists and that this user request is awaiting a resource locked by a user in a different system, which is awaiting a resource that this user owns . Roll back the current transaction, and retry it after a delay. If this error occurs frequently, ask the OnLine administrator to adjust the length of the deadlock time-out interval. ‘

Tip: This code is also returned when an explicit wait time limit expires; that is, if you have SET LOCK MODE TO WAIT 3, and your request is queued for more than 3 seconds for a lock, the operation ends with this ISAM error code.

1.277 -155

The primary chunk (and the mirror chunk, if one exists) are unusable. Roll back the current transaction and terminate the application. Contact the OnLine administrator. New disk chunks must be defined, and then the system must be restored from tape.

1.278 -157

An interrupt that was detected from client process has terminated the operation. Restart the operation.

1.279 -158

You have attempted an SQL operation that is not supported on System Monitoring Interface (SMI) pseudo tables. Try another operation.

1.280 -159

You are attempting to use a collation sequence that is either not supported or does not match the sequence originally used to create the ISAM file. Use islanginfo() to determine the language of the ISAM file.

1.281 -16

An operating system error code with the meaning shown was unexpectedly returned to the database server. Look for other operating-system error messages that might give more information. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

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1.282 -160

This internal error should not occur. (The database server has called the blob manager isbopen twice in a row.) If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.283 -161

This internal error should not occur. The database server has called a blob manager function without first calling isbopen. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.284 -162

The most likely cause of this error is that the current statement attempts to define a BYTE or TEXT column using the clause "IN blobspace," but no blobspace of that name has been defined. However, if the blobspace was correctly spelled and should exist, a reserved page in the root dbspace might have been corrupted. In that case, the OnLine administrator should run the tbcheck or oncheck utility with the -cr option to check the situation. If the statement makes no reference to blob columns, possibly the root dbspace is full (or corrupted); contact the OnLine administrator for further help.

1.285 -163

The OnLine database server is reporting evidence of corruption of the database. Each disk page has time stamps at each end that should be identical when the page is read from disk. This test of data integrity has failed, indicating either that a disk page was not fully written to disk, or that one has been partially overwritten on disk or in memory. In any case, you should roll back the current transaction and terminate the application. Then notify the OnLine administrator, who should run the tbcheck or oncheck utility to get more information about the failure.

1.286 -16300

An identifier in this statement is too long for its context. See if you have omitted a separator between two identifiers, or select a shorter identifier.

1.287 -16301

A syntax error has been detected in a Debugger command. Check that you have not misspelled or omitted a keyword or identifier, or included an extra command argument, or placed keywords out of sequence. See if you have omitted parentheses after a function name in a CALL command, or included them in a VIEW command. You can enter help all to display a two-page synopsis of all the commands.

1.288 -16302

Characters in Debugger commands are restricted to letters, numbers, blanks, underscores, and the special characters listed in the section "Conventions for Command Syntax Notation" in the Debugger manual. You may have pressed a key inadvertently, or you may have introduced illegal

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characters when you edited a file that provided input to a READ command. If you create or modify a .4db file with a word-processing program, be sure to save it in "non-document" or "text-only" mode.

1.289 -16303

Your expression or search pattern includes a numeric string of more than 50 characters. Repeat the command specifying a shorter expression or search pattern.

1.290 -16304

Your expression or search pattern includes a floating point numeric string of more than 50 characters, or includes more than one decimal point. Repeat the command specifying a shorter expression or search pattern, or fewer decimal points.

1.291 -16305

Not enough system memory is available to execute your command. Repeat the command at another time, when other users are making smaller demands on system memory. On DOS systems, you will need to free up some disk space.

1.292 -16306

You may have omitted a quotation mark from a name or string, or included an extraneous quotation mark. Repeat the command, using an even number of single (') or double (") quotes.

1.293 -16307

The maximum length of a quoted string is 256 characters. Repeat the command with a shorter string.

1.294 -16308

You must specify the name of a function in a CALL command. Repeat the command, specifying the name of a function followed by left- and right-parentheses ( ). If the function requires arguments, include the list of arguments within the parentheses, separating multiple arguments by commas.

1.295 -16309

Your command has too many characters. A Debugger command can include no more than 256 characters. If you are specifying an ALIAS, BREAK, or TRACE command that includes many command lines within braces, you might consider using nested aliases. You can cause a function key or a short string to stand for hundreds of keystrokes by specifying it as the alias of a list of aliases that each represents fewer than 256 characters. Another alternative is to use READ commands, rather than aliases, to enter multiple commands.

1.296 -16310

You have omitted a required command option. You can enter help all to display the names of all the Debugger commands, or refer to the manual.

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1.297 -16311

You have misspelled the name of the command, or improperly abbreviated it. You can enter help to see a display of the names of all the Debugger commands. If the string name appears to be a valid command name, you may have also pressed a non-printing key when entering it.

1.298 -16312

The LET command always requires an equal sign (=), as does ALIAS without the asterisk option. Repeat the command making sure that you use the equals sign in the appropriate place.

1.299 -16313

In a BREAK or TRACE command you have specified the name of a module, followed by a dot, followed by a noninteger. The module name must be followed by a dot and a line number that is an integer.

1.300 -16314

If the Debugger is already loaded, you have not specified a filename after a READ command, or after a command to redirect output to a file. Repeat the command, specifying the name of an input or output file.

If you were at the system prompt, you have used the

-F command-line option to invoke the Debugger, but you have not specified the name of an initialization file. Repeat the command, but this time either omit the -F or specify the name of a .4db initialization file following the -F.

1.301 -16315

Either you omitted a right parenthesis from a command argument, or you have included a superfluous left parenthesis.

1.302 -16316

You must supply a positive or negative integer as an argument of a GROW command. Repeat the command, specifying the number of lines to be added to the size of the window. The sum of this integer and the current size must be in the range from 1 to L-6 where L is the number of lines your terminal can display (often 24).

1.303 -16317

A Debugger LET command requires three arguments:

- The identifier of a program variable
- an equals sign (=)
- An expression whose value is assigned to the variable.
- The identifier could not be recognized in the command you entered.

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1.304 -16318

The ENABLE, DISABLE, NOBREAK, and NOTRACE commands all require an argument. This can be a breakpoint or tracepoint name, reference number, function name, or the ALL option. If the argument that you entered in the Command window looks valid, you may have also pressed a non-printing key.

1.305 -16319

This message reflects an unexpected condition in the command-parsing module of the Debugger. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.306 -16320

Left and right brace characters ({ and }) must be used in balanced pairs.

1.307 -16321

The name of an alias cannot be the complete form of a Debugger command. (You are allowed, however, to assign an abbreviated form of a command keyword as an alias.) Repeat the command using another alias identifier.

1.308 -16322

You have used the -I command-line option when invoking the Debugger, but you have not specified a source file search path. Repeat the command and either omit the -I or specify a search path with it.

1.309 -16323

You can only use the -I option once on the command line. However, you may specify more than one search path in the list following -I. Repeat the command listing all the desired source file search paths, separated by commas, following a single -I option.

1.310 -16324

You can only use the -F option once on the command line. Repeat the command specifying only one initialization file. After the Debugger has started, you can enter READ commands to execute additional .4db files.

1.311 -16325

You have omitted or repeated a command line option. Repeat the command after checking the description of the fgldb command in the Debugger manual.

Tip: This message also appears if you attempt to pass parameters to the program being debugged. The right way to give command-line parameters to the subject program is to include them with the run command when starting the program.

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1.312 -16326

If you invoke the Debugger at the system prompt, you must include as an argument the name of a compiled 4GL program (or else, in UNIX, use the option -V to indicate that you only want a display of the software version number). Repeat the command this time specifying the name of a compiled program.

1.313 -16327

You may have omitted or misspelled the filename of a .4db input file (either in a READ command or following the -F command line option), or you may have misspelled the filename or pathname of a .4gl source file in a VIEW command or on the command line.

If filename is spelled correctly and names a file that exists, then you may need to specify a complete pathname. You must specify the full pathname of a file when referring to a .4db file that is not in the current directory, or to a .4gl source file that is not in the current directory or any directory specified with the -I command-line option.

1.314 -16328

Although the Debugger found the file you specified with the -F parameter, it encountered an error trying to read from it. Check for operating system error messages that might give more details. If the problem is not a hardware error, make sure your account has read access to the file, for instance by displaying its contents.

1.315 -16329

The Debugger will accept pathnames of up to 70 total characters.

1.316 -16330

Make sure that you specified the correct filename in your READ or VIEW command, or after the -F option when you invoked the Debugger from the command line. If the name was correct, the file may be damaged or read-protected. If you do not have permission to read it, you should refer to the discussion of access privileges in your operating system documentation, or contact your system administrator.

1.317 -16331

In some debugging tasks, aliases that reference other aliases can save time or circumvent limits on the number of characters in a Debugger [command line. For example, you can specify alias1 to be a substring of alias2, which can be a substring of alias3, and so forth up to alias5. You cannot, however, specify more than five levels of aliases between your keystrokes and the fully-expanded commands which they stand for.

1.318 -16332

The function name shown was found in a module being loaded. However, a function of that name had already been seen in a module loaded earlier. This is not allowed. You will have to change the application so that all functions in it have unique names.

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1.319 -16333

The module whose name is shown is being loaded, but a module of that name had already been loaded. Using the Program menu of the Programmer's Environment, make sure that the program being debugged is composed of only one copy of each module.

1.320 -16334

This message reflects a condition that was expected never to occur. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.321 -16335

The minimum number of lines in the Source window or in the Command window is one (1), not counting the Source window line that displays the current module name. On a standard 24-line terminal, the maximum number of lines in either window is 18, or L-6 where L is the number of lines the terminal supports.

The argument of a GROW command is not the new window size, but the increment to the current window size. If you want to change the size of a window in the Debugger screen, enter a GROW command to produce window sizes within this range.

1.322 -16336

The VIEW command requires the name of a 4GL source file.

1.323 -16337

You cannot enter a Search command without specifying a search pattern, unless earlier in the same debugging session you specified a search pattern. Repeat the command, specifying a valid search pattern.

1.324 -16338

You cannot invoke CONTINUE or STEP commands unless a 4GL program has begun (but not terminated) execution. terminated normally or by a fatal error, use CALL or RUN. After execution begins, you must then suspend execution by a breakpoint (or, in UNIX environments, by an Interrupt command) before you can invoke CONTINUE or STEP. See also the section on "Active Functions and Variables" in the Debugger manual.

1.325 -16339

A name that you assign to a breakpoint or tracepoint in a BREAK or TRACE command cannot duplicate the name of any existing reference point (including disabled breakpoints or tracepoints). This message will also appear after a READ command that sets a named breakpoint or tracepoint, if you read the same input file twice.

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1.326 -16340

Your command includes a backslash symbol that cannot be interpreted as a command-line continuation symbol. Repeat the command without invalid backslashes.

1.327 -16341

Your BREAK or TRACE command cannot specify a line number that is greater than the line number of the last executable statement in the specified module. If you specified no module name, the line number cannot be greater than the last executable statement in your current module. Check to see if you have specified the correct module and line number.

1.328 -16342

This is an internal error. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.329 -16343

You have specified a module that is not part of the current 4GL program. Check to see if you have misspelled the name or if you are confusing the names of modules or functions from different programs. Repeat the command, specifying a valid name.

1.330 -16344

You have specified a function that is not part of the current 4GL program. Check to see if you have misspelled the name or if you are confusing the names of modules or functions from different programs, or if you neglected to compile a program module that contains this function. Repeat the command, specifying a valid name.

1.331 -16345

You can only set a breakpoint at a function written in 4GL — not at a function written in another language such as C or ESQL/C, and not at the name of a built-in function.

In order to suspend program execution when a C function is called, set a breakpoint by specifying the line number of the 4GL statement that calls the C function, rather than specifying the name of the function.

1.332 -16346

See if the output file already exists, but is damaged or write-protected. In UNIX, make sure you have permission to write in the specified directory (or in the current directory, if you specified no pathname).

1.333 -16347

You cannot specify a reference number in an ENABLE, DISABLE, NOBREAK, or NOTRACE command with a zero or negative value, or a value for which no corresponding breakpoint or tracepoint currently

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exists. (You can enter list break trace to display your current reference numbers.)

1.334 -16348

You have asked the DISABLE command to deactivate a breakpoint that is already disabled. Make sure that you named the breakpoint you really mean. You can enter list break trace to display your current breakpoints and tracepoints.

1.335 -16349

You have specified a breakpoint to the NOTRACE command, or a tracepoint to the NOBREAK command. Each command can deal only with its own objects.

1.336 -16350

The Debugger cannot find a corresponding breakpoint or tracepoint on which to carry out your ENABLE or DISABLE command. You can enter list break trace to display all your current reference points.

1.337 -16351

The Debugger cannot reference a variable unless it is defined in a 4GL module. For 4GL variables, make sure that you have correctly entered the variable's name. If the variable is not in the current function or module, you must qualify its name. See the section on "Scope of Reference" in the Debugger manual. (If in a BREAK or TRACE command you enter what you intend to be a module name, but you omit the dot at the end of the name, this message may appear.)

1.338 -16352

The Debugger executes the .4go module but it displays lines from the .4gl source file. Since the source file has been changed since the module was compiled, the lines displayed in the Source window may not correspond to the statements in the compiled program.

If you change the source code in a .4gl file, you must recompile it. If your program is composed of several modules, you must also concatenate the compiled modules before you start debugging. Check also to see if files exist with both the .4go and .4gi suffixes for this program. Even if your .4go file is the appropriate recompiled version, the Debugger will attempt first to interpret the .4gi version.

1.339 -16353

The list of command lines in your TRACE command includes a CALL, CONTINUE, RUN, or STEP command. These commands are not supported within a TRACE command.

1.340 -16354

You have specified a function that is not part of the current 4GL program. Check to see if you have misspelled the name, or if you are confusing the names of functions from different programs. Make sure that your 4GL source code defines and calls the function that you want to execute.

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1.341 -16355

The function named in the CALL command is defined as taking one or more parameters. You must enter a matching number of parameters in the parentheses following the name of the function. If you are not sure what parameters should be passed to the function, you can use a VIEW command to display its source code.

1.342 -16356

Your argument list in a CALL command includes more parameters than the function is defined as receiving. If you are not sure how many parameters should be passed to the function, you can use a VIEW command to display the source code of the function.

1.343 -16357

You can only display variables defined in the active function. This variable is defined in function name which is not active.

1.344 -16358

A LET command requires as its first argument a variable name. Do not put quotes around the name.

1.345 -16359

A LET command can assign a value to a simple variable or to a specific member of a record, but not to a whole record.

1.346 -16360

A LET command can assign a value to a simple variable or to a single element of an array designated with a subscript in brackets. Enter help let to see an example.

1.347 -16361

The identifier variable-name is not the name of a variable. The VARIABLE command requires the name of a variable. Check the spelling of the name.

1.348 -16362

There is no current 4GL function if you have not yet invoked a RUN or CALL command. Even after RUN or CALL, there is no current function if execution terminated normally, rather than being stopped by a breakpoint, by an Interrupt or STEP command, or by a fatal error. Use RUN or CALL to begin or restart program execution.

1.349 -16363

You have named a variable whose value is assigned by a function that has not yet been called or by one that has already returned. A LET or PRINT command can only refer to an active variable; that is,

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one global or else assigned in a function that is currently executing (a function listed by a WHERE command). When entering a CALL command, you must substitute a literal value for an expression that needs an inactive variable.

1.350 -16364

The Debugger cannot identify an argument of your command. The thing it cannot understand is displayed as option. Repeat the command, specifying option differently. Enter help turn to display the many options of TURN.

1.351 -16365

The ENABLE command has no effect on breakpoints or tracepoints that are already enabled. Check that you entered the name or reference number that you intended. If you did, and you still feel that the name should have been inactive, use list break trace or search the command buffer to see if a previous DISABLE command deactivated the wrong breakpoint or tracepoint.

1.352 -16366

Either your file system is full or a hardware error occurred. Use the Escape feature to display the space remaining on your current drive.

1.353 -16367

You cannot use the name of an array as an argument of a CALL command. You cannot use the unqualified name of an array or record in an expression or as the object of a breakpoint or tracepoint. In all these cases you must use a subscript in brackets to specify a particular array element, or the full name of a member of a record.

1.354 -16368

You may not combine variables from different functions in the same expression. If you need to know the value of such an expression, you must use PRINT to evaluate the variables from each function separately. Then enter these values as constants in the BREAK, LET, or PRINT command in place of the names of the variables.

1.355 -16369

You must specify the name of another terminal that has the same termcap or terminfo entries as the terminal from which you invoked the Debugger. The second terminal must be logged in under your account name.

1.356 -16370

You must specify the name of another terminal that has the same termcap or terminfo entries as the terminal from which you invoked the Debugger. (However, it may not be the name of the device from which you invoked the Debugger.) Enter tty from the terminal that you want to use as your application device. Its screen will display its terminal pathname. Repeat the APPLICATION DEVICE command specifying an appropriate terminal device name.

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1.357 -16371

You must specify the name of a .4db file in a READ command.

1.358 -16372

You must identify what you want the Debugger to display in a PRINT command. Repeat the command specifying the name of a variable, record or array, or an expression.

1.359 -16373

You cannot use a LET command to assign a value to a variable, or a DUMP or PRINT command to display information about a variable or function until after execution starts. The same restriction applies after execution has terminated normally, or after a CLEANUP command. Invoke the RUN or CALL command to begin execution and then repeat the command. (It may be necessary to set a breakpoint or, in UNIX, press the Interrupt key to prevent normal termination.)

1.360 -16374

The IF keyword in a BREAK command must be followed by an expression. The breakpoint has no effect while the condition is false (zero). Repeat the command without IF, or with IF and a condition.

1.361 -16375

The VIEW command cannot display the source code of C functions or ESQL/C functions. To examine C source code, you must use the Escape feature and use an operating system command that displays the C source file.

1.362 -16376

The first character in the name of a breakpoint or of a tracepoint must be a letter. The subsequent characters can be letters, numbers, or underscores (_). The name must be enclosed between single apostrophes (') or double-quote characters ("). Repeat the command specifying a valid name enclosed in quotes.

1.363 -16377

A PRINT command cannot display the value of a global program variable until after execution commences. Invoke the RUN or CALL command to begin execution, and then repeat the PRINT command. In this situation you can specify constants or the names of global variables as arguments of CALL. (It may be necessary to set a breakpoint or to press the Interrupt key to suspend the program before normal termination.)

1.364 -16378

You cannot enter a TIMEDELAY command without an argument, or with a negative number as the argument. Repeat the command specifying zero or a positive integer as the number of seconds delay in the Source window or Command window.

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1.365 -16381

You cannot set a breakpoint or tracepoint without referencing a module or function unless there is a program module in the Source window. You have probably ignored an error message that appeared when you were unable to load a 4GL source file.

1.366 -16382

You have used a READ command, either nested in an initialization file or in the input file of another READ command, that refers to one of the following:

- To itself.
- To a previous READ command input file.
- To a .4db initialization file that has not yet completed execution.

In short, you cannot execute a READ command that might create an infinite loop.

1.367 -16383

You started a READ command that invoked another, which invoked another, and so on for more than ten nested READ commands. You will have to simplify your arrangement of .4db command files.

1.368 -16384

You cannot have more than 256 characters in a single Debugger command line. If you are using semicolon (;) command separators, break the line instead into separate commands.

You should avoid Debugger commands that have more characters in a single line than your screen or list device can display. Use the backslash continuation symbol to divide long command lines into shorter segments, or use aliases.

1.369 -16385

The logic in your 4GL or C language function may be defective or may not support the argument list that you specified in a CALL command. Use the VIEW command to examine the source code of a 4GL function. Use the Escape feature to examine the source file of a C function.

1.370 -16386

The maximum length of a search pattern specification whose first character is a quote (") is 80 characters, or a maximum length of 50 after any other first character. See if you unintentionally pressed a Search command key (? or /). Repeat the Search command but specify a shorter pattern.

1.371 -16387

A WHERE command cannot display your active functions until after execution commences. Invoke the RUN or CALL command to begin execution, and then repeat the command. (It may first be necessary to set a breakpoint to suspend execution before normal termination.) See the topic " Active Functions and Variables" in the Debugger manual.

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1.372 -16388

You are probably out of memory. Take whatever steps your operating system permits to increase the amount of available memory.

1.373 -16389

A filename may not exceed 80 characters. If the name actually has this length (if the message is not the result of some mistake in punctuation), you will have to rename it before using it with the Debugger.

1.374 -16390

The Debugger encountered an error while trying to read a 4GL source file. Look for other messages, for example from the operating system, giving more details of the failure. Check to make sure that the file exists and that you have read permission.

1.375 -16391

Repeat the command. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.376 -16392

The database command requires as its argument the name of a database.

1.377 -16393

The Debugger cannot interpret a reference to a substring of a character value. A substring is specified by two numbers in square brackets, as in the expression

```
charvalue[n1,n2]
```

Here the name charvalue must be of type CHAR(n), while n1 specifies the first character of the substring and n2 specifies the last. This error message appears when n1 is larger than n, the length of the character value, or when n1 is greater than n2.

1.378 -16394

The Debugger help messages are in a file called fgldb.iem. The INSTALL program copies this file into the msg directory pointed to by the INFORMIXDIR environment variable. The file must have been damaged, deleted, or read-protected. Ask your system administrator to restore your access to it.

1.379 -16395

You have asked the Debugger to compare a TEXT or BYTE variable in an expression. Variables of these types cannot be used for comparisons. (However, you can refer to a substring of a TEXT variable.)

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1.380 -16396

You have asked the Debugger to use a TEXT or BYTE variable in an expression. Variables of these types can only be displayed with PRINT or DUMP, or assigned null values with LET.

1.381 -16397

The PROGRAM= clause of the PRINT statement is used to specify an external program (for instance an editor) that can display the contents of a BYTE or TEXT value. The clause is not relevant with any other type of data.

1.382 -16398

The BYTE or TEXT variable has been located in a file using the 4GL statement LOCATE. However, the filename given for the variable is a null string. Since the file does not exist, the Debugger cannot do anything with it.

1.383 -16399

The PROGRAM= clause of the PRINT statement is used to specify an external program (for instance an editor) that can display the contents of a BYTE or TEXT value. In this command the keyword was specified but no program name followed it.

1.384 -164

This operation has returned an invalid BYTE or TEXT value. Possibly the data pages have been corrupted. Roll back the current transaction. Have the OnLine administrator run tbcheck or oncheck with the -D option to get more information about the problem.

If the program is operating with Dirty Read or Committed Read isolation, this code might indicate that another process or thread has deleted the BYTE or TEXT value and its pages have been partly reallocated to an unrelated value. A program using Dirty Read isolation is able to read rows that have been deleted if the deletion has not yet been committed. If the deletion is committed while the program is reading a BYTE or TEXT value, and if the space allocated to the value is reused for some other program, this error code might be returned.

When a program uses Committed Read isolation, it does not see a row that has been marked for deletion; however, no lock is placed on a row that is not read for update. BYTE or TEXT data is read in a second step, after the row has been fetched. During this lengthy step, it is possible for another program to delete the row and commit the deletion and for the blobspace to be reused. To determine if this has occurred, the program should stop processing the BYTE or TEXT value and reread the row. If the program can no longer read the non-blob values in the row, the row has been deleted. If the program can still read the row, the blobspace is corrupted.

1.385 -16400

The file name shown is not appropriate for its intended use. It is too long, or contains improper special characters, or is null. Enter an appropriate file name.

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1.386 -16401

A program has been unloaded with the command UNLOAD PROGRAM and no program was subsequently loaded with the command LOAD PROGRAM.

1.387 -165

This internal error should not occur. The database server has called the blob manager isbcreate function for a table column that is not defined as BYTE or TEXT. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.388 -166

This operation attempts to insert or update the value of a BYTE or TEXT column, but there is not enough space in the blobspace in which that column is stored. Roll back the current transaction, and terminate the application. Then ask the OnLine administrator to add a chunk of disk space to this blobspace.

Important: When BYTE and TEXT values are deleted or replaced, the pages that they occupy in the blobspace do not become available for reuse until the logical log in which that transaction appears has been freed. A logical log has been freed if the log is backed up to tape and all transactions in the log are closed.

1.389 -167

The OnLine administrator sees this error. When you define a blobspace, you must specify a page size that is an integral multiple of the system page size. The system page size is set in the Parameters screen when OnLine is first initialized.

1.390 -168

Allocation of disk pages in a blobspace is frozen while an on-line archive is being made. Therefore, blobpages that contain data at the time that the archive began are not freed and overwritten by new blobpages before they can be written to the archive tape. As soon as all the used blobpages in a blobspace chunk are archived, blobpage allocation in that chunk can resume. Normal row data can go on changing while the archive is being made because changed dbspace pages can be written, or rewritten, on the tape at any point.

1.391 -169

When a blobspace has been extended by adding a new chunk, no pages can be allocated until the log record showing the addition of the chunk has been logged. If this rule were not enforced, certain anomalies could occur during recovery. You do not have to wait until the log is full; you can running the tbmode or onmode utility with the -l option to force a switch to the next log.

1.392 -17

An operating system error code with the meaning shown was unexpectedly returned to the database server. This error may reflect an attempt in a REPORT TO specification to replace an existing file. Look for other operating-system error messages that might give more information.

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1.393 -170

You attempted to add a log to a blobspace. You can add logs only to dbspaces.

1.394 -171

A program that uses a particular locking method or index-node size has attempted to access an ISAM file that was created using a different locking method or index-node size.

If you are migrating files from a platform that uses another index-node size, you must run the bcheck or secheck utility with the -s option against all of the ISAM files (.dat and .idx) to resize the index nodes.

For INFORMIX-SE, if you are migrating applications between platforms that use different locking methods, you must set the environment variable RESETLOCK to convert ISAM files as you access them. You can access all files for a given database by running UPDATE STATISTICS in that database, if time permits.

For C-ISAM applications, if you are migrating applications between platforms that use different locking methods, you must set the environment variable RESETLOCK to convert C-ISAM files as you access them.

1.395 -172

You encountered an unanticipated internal event. Consult the online.log to see if OnLine's diagnostics preserved any further information regarding this event. If the error recurs, please refer to the "OnLine Administrative Guide," Appendix B, 'Trapping Errors' to acquire additional diagnostics. Contact Informix Technical Support with the diagnostic information.

1.396 -173

This generic message indicates that something has caused the logical-log backup to fail. The SQL API also contains useful error text that is associated with this error.

1.397 -174

This generic message indicates that something has caused the archive backup to fail. The SQL API also contains useful error text that is associated with this error.

1.398 -175

Thisgeneric message indicates that something has caused the physical restore to fail. The SQL API also contains useful error text that is associated with this error.

1.399 -176

Thisgeneric error indicates that something has caused the logical restore to fail. The SQL API also contains useful error text that is associated with this error.

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1.400 -178

A request has been made to change the logging status of a database. Until a level-0 archive is done for all the dbspaces and blobspaces that the database uses, access to the database is blocked.

1.401 -179

While performing a sort, OnLine did not find enough contiguous free disk space to create necessary temporary files. You might have insufficient disk space and need to make more disk space available before you run the program again. You might have made an error when you specified the names of temporary dbspaces in DBSPACETEMP or directory names in PSORT_DBTEMP. Check the spelling of your temporary space names as specified in DBSPACETEMP. If you specified multiple temporary dbspaces, check that you used colons (:) or commas (,) as delimiters.

1.402 -18

An operating system error code with the meaning shown was unexpectedly returned to the database server. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.403 -1800

You must commit or rollback the current transaction before you disconnect.

1.404 -1801

You are attempting to span multiple connections within a single transaction. You can switch to a different connection while a transaction is active if you use the WITH CONCURRENT TRANSACTION clause when you establish the connection.

This error message can occur when you try to switch connections as follows:

- If the current connection is to a 6.0 or higher database server without specifying the WITH CONCURRENT TRANSACTION clause when you establish the connection, and there is an active transaction in the current connection.
- If the current connection is to a 5.0 database server without specifying the WITH CONCURRENT TRANSACTION clause when you establish the connection, and there is a database currently open on this connection.

1.405 -1802

A connection with the same connection name has already been made. Each connection must have a unique connection name. Rename the connection and try again.

1.406 -1803

The connection name in a SET CONNECTION or DISCONNECT statement does not refer to an established connection. Check your program to see that the connection was made and, if so, that it was not disconnected. Also, check the spelling of the connection name in the statement that is failing.

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1.407 -1804

The database server cannot connect to the database environment you have specified. The server cannot locate either the database server or the database that you have specified. Check the syntax of your statement. If you are specifying a database server, you must use the @ sign. You cannot use //.

1.408 -1805

The connection name is invalid. It must conform to the same rules as any other identifier; that is, it can be up to 18 characters long and can contain letters, digits, and the underscore character. Also, it cannot be an ANSI reserved word. If a connection name was used with the original CONNECT TO statement, you must use the connection name in subsequent connection statements. Make sure that the connection name is a valid identifier and that you are using the connection name and not some other value.

1.409 -1807

You are attempting to disconnect a connection that does not exist at this time. Check your program to see that you have not already performed a DISCONNECT statement for this connection.

1.410 -1808

If you connect to a database server using the CONNECT statement, you cannot implicitly reconnect to a server through one of the DATABASE statements — that is, DATABASE, START DATABASE, etc. You must switch to it with the SET CONNECTION statement.

1.411 -1809

Check to see that you have permission to connect to the server that you specified. If you specified both a database server and a database, check also to see that you have permission to access the database.

1.412 -181

The Optical subsystem is not present. This message usually means that you requested an Optical operation on an INFORMIX-OnLine Dynamic Server that is being used without the INFORMIX-OnLine/Optical configuration.

1.413 -1810

A connection has not been disconnected by a DISCONNECT ALL statement. The database server for one of the connections may have terminated. If this is not the case, then the cause is internal to the software. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

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1.414 -1811

Once you have used the CONNECT TO statement to establish an explicit connection to a database server, you cannot implicitly connect to another database server using one of the DATABASE statements. After an explicit connection, you must use the CONNECT TO statement to connect to other database servers.

1.415 -1812

This is an internal error message. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.416 -182

A blobspace has been defined with the same name as an Optical family name.

1.417 -19

An operating system error code with the meaning shown was unexpectedly returned to the database server. There might be an error in the configuration of the database software such as an incorrect address in the chunk-device or tape-device parameters that were given to OnLine. Or an error might have occurred in a REPORT TO specification in a report. Look for other operating-system error messages that might give more information.

1.418 -190

No more slots are available in the transaction table. To see this table, run `onstat` with the `-x` option.

1.419 -191

The chunk that was specified to be dropped does not exist.

1.420 -192

The first chunk of a dbspace or blobspace is never a candidate to be dropped. Select a different chunk.

1.421 -193

Logical recovery cannot roll forward a chunk add because the chunk already exists. This error results when the chunk is dropped from a dbspace or blobspace (or the space is dropped) and the chunk is reused for another dbspace or blobspace without first performing a level-0 archive.

1.422 -194

A chunk is not empty and therefore cannot be dropped.

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1.423 -196

An operation was executed on a temporary dbspace that required functionality that temporary dbspaces do not provide (most likely logging). Use a nontemporary dbspace for this operation.

1.424 19750

This is RSAM error message indicates an incorrect serial number.

1.425 -19800

You cannot create a role name identical to any user known to the system or a user or role known to the database. Change the name of the role.

1.426 -19801

You cannot create a role name that is a reserved word. The reserved words are: connect, resource, dba, select, update, delete, insert, index, references, alter, execute, default, none, null, public. Change the name of the role.

1.427 -19802

A role cannot be granted to itself, either directly or indirectly. Verify if the role granted and grantee are the correct roles. Check for roles already granted to the role being granted.

1.428 -19803

Check your privileges and permissions. You must be the DBA or have been granted the role with the WITH GRANT OPTION to grant, revoke, or drop a role.

1.429 -19804

For a role to exist, the DBA must first create the role using the CREATE ROLE statement.

1.430 -19805

Check your privileges and permissions. A user or role must be granted a role using the GRANT statement before the role can be set.

1.431 -19806

A role cannot be granted database-level privileges. Use the GRANT statement to grant database-level privileges to the user or to PUBLIC.

1.432 -19807

A user granted a role with the WITH GRANT OPTION cannot in turn grant the role to a user and include the WITH GRANT OPTION. Use the GRANT statement without the WITH GRANT OPTION.

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1.433 -19808

A user cannot open a database as a role name that is the same as the user name. Role names and user names must be unique in the database.

1.434 -199

An error has occurred with the Smart Disk system. See the accompanying message for more information.

1.435 -2

An operating system error code with the meaning shown was unexpectedly returned to the database server. Look for other operating system error messages that might give more information.

1.436 -20

An operating system error code with the meaning shown was unexpectedly returned to the database server. Look for other operating-system error messages that might give more information. Some database servers store databases as directories that are named database.dbs. If you place a file (not a directory) with the .dbs suffix in your DBPATH, this error might result.

1.437 -200

Identifiers in SQL statements must be 18 characters or less in length. Inspect the statement to make sure that no identifiers in it are longer, and that there is no error of punctuation (for example, a missing space or comma) that might make two names look like one.

1.438 2005

Check the database name for correct spelling.

1.439 2008

The database specified in the DATABASE section does not contain the table name included in the TABLE section of the form specification file. Check the table name for correct spelling.

1.440 2009

You must include one or more table names in the TABLES section of the form-specification file.

1.441 -201

This is the general error code for all types of mistakes in the form of an SQL statement. Look for missing or extra punctuation (for example, missing or extra commas, omission of parentheses around a subquery, etc.), keywords misspelled (for example VALEUS for VALUES), keywords misused (for example, SET in an INSERT statement, INTO in a subquery), keywords out of sequence (for example a condition of "value IS NOT" instead of "NOT value IS"), or the use of a reserved word as an

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identifier.

Important: Database servers that support "full NIST compliance" do not reserve any words; queries that work with these database servers may fail with error -201 when used with earlier implementations.

1.442 -2013

Possibly your account does not have permission to write in the specified directory; possibly the disk is full. In some systems the problem may be related to a limit on the number of open files. Look for operating system messages for more information.

1.443 -2014

When running the Form Compiler from the command line, you must specify either the -d option or the name of a form.

1.444 -2015

Nested comments are not supported. Review the form specification, inspecting all comments. Make sure that each open brace has a matching close brace.

1.445 -2016

Insert a close-comment symbol where appropriate in the report specification.

1.446 -2017

You have entered a character value (a quoted string) into a field that has a different data type, for example INTEGER. However, the characters you entered cannot be converted to the field's type. Consult the operating instructions for this application, then re-enter the data.

1.447 -2018

This message points to the exact spot in a source file where the compiler could no longer understand the input. The actual mistake may be earlier in the file, perhaps several lines earlier; however it will not be later. Other, more specific error messages should also appear.

1.448 -2019

The INTEGER data type can accept numbers with absolute values from 0 to 2,147,483,647 (±231-1). If it is necessary to store numbers outside this range, the column or variable must be redefined to use DECIMAL type. (The value -2,147,483,648 is a 32-bit value but is not acceptable; it is used in 4GL to indicate a null value.)

1.449 -202

A character which cannot be interpreted as part of an SQL statement is embedded in this statement. If the statement was constructed by a program, the character may well be a nonprinting control

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character. Make sure the statement contains only printable ASCII characters and reexecute it.

1.450 2020

Check the accompanying message for an indication of system action. The specified error(s) involves the indicated tables .

1.451 -2020

You are using a database server that manages tables as ordinary disk files. The current database is managed as a directory, and tables are files within it. Look for operating system error messages that may give more information. Locate the database directory (either in the current directory or on a path named in the DBPATH environment variable). Make sure there is available disk space. In UNIX, it is not necessary for your personal account to have write access to the directory and table files; however they must be writable to the group-id informix.

1.452 -2021

Whether in a COLOR attribute in a form specification or in a display attribute in a 4GL program, colors must be specified by name, spelled as shown in the message. Check the spelling and punctuation of the statement.

1.453 -2022

All names of fields and other identifiers must be no longer than the length shown. You must revise the form specification and recompile it.

1.454 -2023

No longer quoted strings may be used. In a form there is no way to join shorter strings to make longer ones, so this is an absolute length limit.You must revise the form specification and recompile it.

1.455 -2024

Make sure that the record-name of every screen record and screen array is unique in the form specification. A screen record is automatically defined for each table that is used in the ATTRIBUTES section to define a field. Thus if you define a record with the name of a table, it will be seen as a duplicate.

1.456 -2025

Unless they are enclosed in quotes, comment symbols must be balanced. Probably the open-comment symbol was accidentally deleted during editing. Change the form specification so that comments are properly delimited.

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1.457 -2026

The usual way of defining a form-only field (one not linked to a database column) is:

tagname = DISPLAYONLY.fieldname TYPE datatype

The TYPE clause is required. Review the attribute statements and recompile the form. (The keyword FORMONLY is used in forms compiled by the 4GL compiler. It has the same meaning as

DISPLAYONLY.)

1.458 -2027

Illegal characters can be introduced into files by using a word-

processing editor in document mode instead of text mode, or by striking nonprinting keys while editing the file, or by data corruption.

1.459 -2028

In a SCREEN RECORD statement, each component must be introduced by the name of the table as defined in the TABLES section, or by the word FORMONLY. Review the spelling of the indicated name against the TABLES section, and check the punctuation of the rest of the statement.

1.460 -2029

The dimension of the screen array is written in square brackets following its name, as in this example where the dimension is 12.

```
SCREEN RECORD details[12]
        (items.item_num, items.item_desc, items.unit_price)
```

In this case there should be exactly 12 screen fields associated with each of the three columns listed in the screen record. This error message appears when one or more of the columns appears a different number of times.

1.461 -203

Where an integer value is expected there is an unacceptable numeric constant. Inspect the statement looking for numbers that should be integers but which contain a decimal point or the letter " e," or which are larger than 2,147,483,647 (231-1).

1.462 -2030

The single character at the indicated position, although printable, is unexpected and does not fit the syntax of a form specification.

1.463 -2031

This PRINT statement applies the WORDWRAP function to a value that is not character data. Check that the field named is the one you intended, and check the punctuation of the rest of the statement.

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1.464 -2032

There is something wrong with the numeric constant: probably it has too many digits. Check the punctuation of the statement; possibly two numbers have been run together.

1.465 -2033

The indicated field has both a DEFAULT attribute and an INCLUDE attribute, and unfortunately they disagree: the default value is not one of the allowed ones. Modify one of the attributes and recompile the form specification.

1.466 -2034

The PERFORM form compiler and the 4GL form compiler accept very similar form specifications, but they differ in some features. This statement uses a 4GL feature and PERFORM cannot process it.

1.467 -2035

Ignore this message. It applies to a feature of PERFORM (joins) that 4GL does not support.

1.468 -2036

A multiline field (multiple fields with identical tags, given the WORDWRAP attribute) must be complete within a screen page. Possibly you did not intend the field to be on two pages. If your page layout, plus 4 reserved lines, is taller than the physical screen (as specified in the SCREEN statement or in the lines dimension on the command line), the form is divided by starting a new page after the last line that can fit on the page, and this may accidentally split a multiline field. In any case, rearrange fields so that the multiline field fits on a single page.

1.469 -2037

The field attribute PROGRAM specifies an external program to edit or display a BYTE or TEXT value; these values are assumed to be too large and specialized for the normal form display methods. However, in this statement the attribute is applied to a column of another type, which is not supported. Check the table and column names to make sure they are as you intended, and verify the current definition of the table in the database named in the DATABASE statement.

1.470 -2038

Columns of BYTE and TEXT types cannot be compared; hence they cannot be used joining tables; hence they cannot be named as join columns or in a COMPOSITES statement. Check the table and column names to make sure they are as you intended, and verify the current definition of the table in the database named in the DATABASE statement.

1.471 -2039

Columns of BYTE and TEXT types cannot be used in the ways implied by these attributes. Check the table and column names to make sure they are as you intended, and verify the current definition of the table in the database named in the DATABASE statement.

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1.472 -204

A numeric constant that is punctuated like a floating-point number (with a decimal point and/or an exponent starting with "e") is unacceptable. Possibly the exponent is larger than can be processed.

1.473 -2040

The form compiler's limit on names may be shorter than that of the host operating system. You will have to rename the form specification file and issue the command again.

1.474 -2041

Check the spelling of filename. Check that the form file exists in your current directory, or if it is in another directory check that the correct pathname has been provided. On a UNIX system, if these things are correct, verify that your account has read permission on the file.

1.475 -2042

Columns of BYTE and TEXT types cannot be used in the ways implied by this statement. Check the table and column names to make sure they are as you intended, and verify the current definition of the table in the database named in the DATABASE statement.

1.476 -2043

The assumed screen width is taken from the SCREEN statement or a command line parameter to the form compiler, with a default of 80 characters. If the current form specification is displayed on a terminal of that width, either some lines will be truncated or lines will "wrap" unattractively.

1.477 -2044

Review this ATTRIBUTES statement; there is a problem near a COLOR attribute. Look for missing punctuation.

1.478 -2045

The Boolean expression in a WHERE clause of a COLOR attribute may only use the name of that field and constants. Revise this attribute and recompile the form.

1.479 -205

The keyword ROWID stands for a virtual column that exists in simple tables only. This statement refers to the ROWID of a table which is actually a view that is based on a selection involving aggregate functions, grouping, or a join of two or more tables. Such query products do not have ROWID columns, and therefore this view, even though it appears to be a table, also does not have a ROWID. In order to use ROWID in a query, you have to apply the query to the tables that underlie the view.

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1.480 -206

Inspect the names of tables in the statement. If they are spelled as you intended, check that you are using the database you want. If so, the database must have been changed. Perhaps the table was renamed or dropped. You can find out the names of all tables in the database by querying the systables table.

1.481 -207

The cursor used in this statement was declared FOR UPDATE, but with a SELECT statement that joins two or more tables. This is not supported; the database server does not know how to distribute update values across multiple tables. If the SELECT statement was declared with the cursor, either it or the FOR UPDATE clause must be modified. If the SELECT statement was constructed by a program and associated with the cursor dynamically, the program should inform its user not to use a multi-table SELECT statement in this application. (This message is not currently used. It may be encountered with products of Version 4.0 or earlier.)

-207 Cannot declare a SELECT INTO statement FOR UPDATE.

When declaring a cursor, you may not use both the INTO clause and the FOR UPDATE clause. If you intend to use this cursor for updating selected rows, you will have to omit the INTO clause. Instead, use an INTO clause on the FETCH statement (or in 4GL, the FOREACH statement).

1.482 -208

The database server needed to allocate data space memory in order to process the query, and none was available. This may reflect a hardware limit, or an operating system configuration limit, or a temporary shortage of space.

Try the query again after a delay. If it still fails, consult your system administrator. If possible, revise your query to join fewer tables or order or group on fewer columns, or to operate in two or more separate statements. On DOS systems, exit to the operating system command line, free up some disk space or reduce the complexity of your program, and resubmit the program.

This is the only error message, in versions later than 5.01, that informs you that the database server is unable to allocate memory.

1.483 -209

This database was built by an obsolete version of the database software. It must be converted to work with the current software. A utility is provided for this purpose called dbupdate. You will have to run it before using the data. (This message is not current since Version 4.0.)

1.484 -21

An operating system error code with the meaning shown was unexpectedly returned to the database server. A file-type operation has been directed to a directory. Some database servers store tables, indexes, and lock files as files with particular suffixes in the database directory. If a directory replaced such a file, this error might result. Look for other operating-system error messages that might give more information.

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1.485 -210

This statement contains a file pathname that exceeds the maximum length allowed of 64 characters. Inspect the statement to make sure the pathname really is that long; possibly a punctuation error has caused other parts of the statement to be included in the pathname. If not, you will either have to relocate the file or rename some directories along the path to shorter names.

1.486 -2100

One of the formatting or validation strings stored in the syscolval or syscolatt tables is improperly coded. The string is shown as is the field to which it applies. Use the Column Attributes Dictionary utility in Windows or the upscol utility in DOS and UNIX to update the string.

1.487 -21000

Codeset conversion is unable to recognize data being passed between the server and the client. Check DB_LOCALE and CLIENT_LOCALE settings in your initialization file or your environment.

1.488 -21001

Codeset conversion is unable to recognize data being passed between the server and the client. Check DB_LOCALE and CLIENT_LOCALE settings in your initialization file or your environment.

1.489 -21002

This error indicates that an internal error occurred during codeset conversion. Note all observed behavior and any other error message. Check with the system administrator to ensure that the system is functioning properly.

1.490 -21003

The system could not open a codeset conversion file. Make sure INFORMIXDIR points to a valid directory containing the proper codeset conversion subdirectory.

1.491 -21004

This error indicates that an internal error occurred during codeset conversion. Note all observed behavior and any other error message. Check with the system administrator to ensure that the system is functioning properly.

1.492 -211

The database server refers to the tables of the system catalog while processing most statements. It is a serious error when one of these important tables cannot be read. Check the accompanying ISAM error code for more information. The effect of the error differs with the statement being executed and the particular table, as follows:

- CREATE TABLE statement, systabauth not read; the table is created but no authorization is granted to PUBLIC as it normally is.

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- DROP TABLE statement, systables not read; no action taken.
- DROP TABLE statement, sysviews not read; the table is dropped but if any views depended on that table they were not automatically dropped.
- DROP VIEW statement, sysviews not read; no action taken.
- DROP INDEX statement, sysindexes or systables not read; no action taken.
- DROP SYNONYM statement, systables or syssynonyms not read; no action taken.
- DROP DATABASE statement, systables not read; no action taken.
- START DATABASE statement, systables not read; no action taken.
- DATABASE statement, systables or sysusers not read; the database was not selected (no current database; subsequent operations see error -349).

Other statements may be partially complete before the error is detected. Roll back the current transaction and then investigate the cause of the error. Use the bcheck or secheck utility (tbcheck with INFORMIX-OnLine or oncheck with the INFORMIX-OnLine Dynamic Server) to check and repair indexes. If necessary, restore the database from archive and logical log tapes.

1.493 -212

This statement attempts to add an index, either explicitly with CREATE INDEX or implicitly as part of processing a SELECT on multiple unindexed tables. In any case, some error prevents the index from being created. Check the accompanying ISAM error code for more information. A common cause is lack of disk space.

1.494 -213

The database server received an interrupt signal from the user, probably the result of the user's having pressed the interrupt key (usually Delete or Control-C). The statement ended early. A program should roll back the current transaction and terminate gracefully. An interactive user, if the statement could modify a table, should execute ROLLBACK WORK to remove any partial modifications.

1.495 -214

Something prevents the database server from completely removing the table shown. Check the accompanying ISAM error code for more information. Typical causes involve problems with operating system file permissions, read-only files, and hardware errors.

1.496 -21400

Check that the serial number and key you entered during installation correspond with those on the keycard. Restart installation, or contact the Informix Technical Support Department for verification of your serial number and key.

1.497 -21401

File might not have been transferred correctly from media. Reload the product from the media and reinstall. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

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1.498 -21402

This is an internal error. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.499 -21403

For some products, installation cannot be restarted without reloading files from the media. Reload files from the media before you run the installation script.

1.500 -21404

This is an internal error. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.501 -21405

This is an internal error. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.502 -21406

File might not have been transferred correctly from media. Reload the product from the media and reinstall. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.503 -21407

File might not have been transferred correctly from media. Reload the product from the media and reinstall. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.504 -21408

This is an internal error. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.505 -21410

This is an internal error. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.506 -21411

This is an internal error. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

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1.507 -21412

This is an internal error. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.508 -21413

File might not have been transferred correctly from media. Reload the product from the media and reinstall. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.509 -21414

File might not have been transferred correctly from media. Reload the product from the media and reinstall. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.510 -215

Something prevents the database server from opening the operating system file or files in which the indicated table is stored. Check the accompanying ISAM error code for more information. Typical causes involve problems with operating system file permissions, lack of memory, and hardware errors.

1.511 -216

Something prevents the database server from completely dropping an index. Check the accompanying ISAM error code for more information. Typical causes involve problems with operating system file permissions, read-only files, and hardware errors.

1.512 -21600

This is an internal error. You probably used incorrect syntax in the command line. Check the usage indicated in the message and try again. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.513 -21601

This is an internal error. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.514 -21602

This is an internal error. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

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1.515 -21603

This is an internal error. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.516 -21604

This is an internal error. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.517 -21605

This is an internal error. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.518 -21606

This is an internal error. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.519 -21607

This is an internal error. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.520 -21608

This is an internal error. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.521 -21609

This is an internal error. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.522 -21610

This is an internal error. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.523 -21611

This is an internal error. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

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1.524 -21612

This is an internal error. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.525 -21613

This is an internal error. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.526 -21614

This is an internal error. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.527 -21615

This is an internal error. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.528 -21616

This is an internal error. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.529 -21617

This is an internal error. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.530 -217

The indicated name appears in the select-list or the WHERE clause of this query but is not defined in the table. Inspect the name and the names of the selected tables to make sure they are spelled as you intended. If so, then either you are not using the database you thought, or the database has been changed; possibly a column has been renamed. For a way to list all the columns in a table, see the discussion of error -328.

1.531 -218

The specified synonym is not defined in this database. Inspect the name; if it is spelled as you intended, make sure you are using the database you thought. If so, the synonym must have been dropped. Possibly it was dropped automatically when the table for which it stood was dropped. You can display all defined synonyms with a query on systables as follows:

```
SELECT tabname FROM systables WHERE tabtype = 's'
```

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1.532 -219

The WHERE clause in this statement includes a test of a noncharacter column using the LIKE or MATCHES keyword and the special characters that stand for multiple characters, for example, asterisk and question mark in MATCHES and percent and underscore with LIKE. Such tests are supported only with columns defined as CHAR or VARCHAR in the database. No automatic data conversion is provided. Inspect the WHERE clause and make sure that the columns are as you meant them. If so, the definition of the table(s) must have changed.

1.533 21957

You have specified inadequate block size for the tape device in your onload or onunload command. Make the block size larger than the size (in kilobytes) indicated in the accompanying error message. The onload and onunload utilities require a block-size parameter with a minimum value of 4 for 2-kilobyte-page machines, or 8 for 4-kilobyte-page machines.

1.534 -22

An operating system error code with the meaning shown was unexpectedly returned to the database server. Look for operating system error messages that may give more information. If the error recurs, please refer to the "OnLine Administrative Guide," Appendix B, 'Trapping Errors' to acquire additional diagnostics. Contact Informix Technical Support with the diagnostic information.

1.535 -220

Every SELECT statement must include a FROM clause to name the table or tables to be queried. Inspect the statement to see if FROM was misspelled, or if an extra semicolon was inserted to end the statement prematurely. If you intended to select only a constant, or to select the only value of a function unrelated to any table such as USER or TODAY, you nevertheless have to name a table. In these cases it is convenient to select a known row from a system catalog, as in this example.

```
SELECT 'today is', TODAY, 'and I am', USER
FROM systables WHERE tabid = 100
```

The tabid value of the first user-defined table in a database is always 100, so this query always returns exactly one row if any tables are defined at all. (This message is not current. Products at the Version 4.1 level and after produce -201 syntax error when the FROM clause is missing.)

-220 Cannot begin savepoint.

This is an internal error that can be detected in products from Version 4.1 onward. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.536 -221

The database server cannot create a temporary disk file. The file should be created in the directory specified by the DBTEMP environment variable. If DBTEMP is not defined, by default, the database server searches in the root directory for a subdirectory named tmp in which to create the temporary disk file. Check the accompanying ISAM error code, and look for operating system error messages that may give more information. Possibly your account does not have write permission in that directory, or possibly the disk is full. Since Version 5.01, the DBTEMP environment variable is used by the INFORMIX-SE database server but not by the INFORMIX-OnLine Dynamic Server.

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1.537 -222

The database server created a temporary disk file but now has gotten an error while attempting to write into it. Check the accompanying ISAM error code, and look for operating system messages that may give more information. On UNIX systems, the file should have been created in the directory specified by the DBTEMP environment variable (/tmp by default); on DOS systems, the file should be in the current directory. Possibly that disk is full, or there may have been a hardware error. Since Version 5.01, the DBTEMP environment variable is used by the INFORMIX-SE database server but not by the INFORMIX-OnLine Dynamic Server.

1.538 -22201

The name used in the record has already been used and is thus not unique. Change the name of the record variable and try again.

1.539 -22202

The INFORMIX-ESQL/COBOL preprocessor does not support the feature requested in this statement. Please check the INFORMIX-ESQL/COBOL Programmer's Manual for information on preprocessor functionality in this version.

1.540 -22203

The PICTURE clause contains an illegal keyword, as specified in the error message. Check the syntax of the variable declaration for the PICTURE clause and try again.

1.541 -22204

The USAGE clause for a record component does not match the USAGE clause of the record group to which it belongs. Usage clauses for the elements of a record are inherited from the group record declaration. A mismatch causes an error.

1.542 -22205

The SIGN clause of the record component does not match the SIGN clause of the record group to which it belongs. Sign clauses for the elements of a record are inherited from the group record declaration. A mismatch causes an error.

1.543 -22206

Make sure the CALL syntax is correct and verify whether data is corrupted before you call the Informix Technical Support Department for more assistance.

1.544 -22207

ESQL/COBOL supports only level 01 through level 49 COBOL variables and record types, plus COBOL variable level 77 if it is supported by your COBOL compiler. Check the level number of the host variable to see if it is valid.

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1.545 -22208

Change the USAGE clause for the host variable so that it is not USAGE IS INDEX and try again. INFORMIX-ESQL/ COBOL does not support USAGE INDEX.

1.546 -22209

You must change the name of the object identifier, cursor, or statement id so that it does not contain a hyphen.

1.547 -22210

The ESQL/COBOL preprocessor does not expand the record that contains repeated data items. Please change the record and try again.

1.548 -22227

The compiler specified is not supported. Please check the INFORMIX-ESQL/COBOL Programmer's Manual for information on compilers supported in this version.

1.549 -22229

The specified host variable was accessed but was not declared. You must declare the host variable in the declaration section and try again.

1.550 -22230

The host variable has been declared more than once. Check for the duplicate variable declaration and redeclare one of the variables.

1.551 -22231

The maximum number of levels for valid record nesting is 100. Reduce the number of nested records and try again.

1.552 -22232

The variable name is not part of the components of the record. Check the record declaration and its components to verify that you have correctly declared the variable with this name.

1.553 -22233

If you are not using either the RMCOBOL 85 compiler or the Micro-Focus COBOL/2 compiler, then you cannot pass array elements as parameters. Use one of the specified compilers or rewrite this section of code involving arrays.

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1.554 -22234

The buffer used to store the result of the function's operation is too small to hold the entire result. As much of the result as possible was copied, and extra characters were truncated. Increase the buffer declaration so it can hold larger strings.

1.555 -22245

This is an internal error. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.556 -22246

This is an internal error. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.557 -22247

This is an internal error. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.558 -22248

This is an internal error. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.559 -22249

This is an internal error. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.560 -22250

This is an internal error. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.561 -22251

This is an internal error. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.562 -22252

This is an internal error. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

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1.563 -22253

This is an internal error. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.564 -22254

This is an internal error. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.565 -22255

This is an internal error. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.566 -22256

This is an internal error. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.567 -22257

This is an internal error. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.568 -22258

This is an internal error. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.569 -22259

This is an internal error. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.570 -22260

This is an internal error. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.571 -22261

This is an internal error. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

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1.572 -22262

This is an internal error. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.573 -22263

This is an internal error. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.574 -22264

Change the declaration of the PICTURE clause to one of the following valid categories for host variables: alphabetic, numeric, or alphanumeric. INFORMIX-ESQL/ COBOL does not support alphanumeric edited or numeric edited items.

1.575 -22265

If you have a SIGN clause but did not specify "S," then the compiler cannot process the data type. Check whether the variable is signed or unsigned and declare it accordingly.

1.576 -22266

The type specified for the variable is not supported for the compiler name used. Check your compiler documentation for valid type declarations.

1.577 -22268

Currently, INFORMIX-ESQL/ COBOL does not support the declaration P (decimal scaling position) in a PICTURE clause.

1.578 -22274

Change the USAGE clause for the host variable so that the host variable is not a pointer and try again.

1.579 -22275

The string or buffer parameter to the function is longer than the internal buffer. Change the string or buffer declaration so that the string or buffer has a smaller maximum size.

1.580 -22276

This compiler does not support floating point numbers.

1.581 -22277

Micro-Focus COBOL/2 has either byte or word storage mode for USAGE COMP/BINARY variables. Check the current storage mode. You can specify byte or word storage by setting the

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INFORMIXCOBSTORE environment variable, as discussed in the *Informix Guide to SQL: Reference*.

1.582 -22278

The directory in which the COBOL temporary files are being created (usually /tmp or whatever is specified when the DBTEMP environment variable is set) is full. There is no room to open up new files. Check this directory and free up some space. Since Version 5.01, the DBTEMP environment variable is used by the INFORMIX-SE database server but not by the INFORMIX-OnLine Dynamic Server.

1.583 -22279

The directory in which the COBOL temporary files are being created (usually /tmp or whatever is specified when the DBTEMP environment variable is set) is full. There is no room to open up new files. Check this directory and free up some space. Since Version 5.01, the DBTEMP environment variable is used by the INFORMIX-SE database server but not by the INFORMIX-OnLine Dynamic Server.

1.584 -22280

The SQL string in the EXEC SQL statement is too long to fit in the internal buffer. The maximum SQL string length should be less than 32767.

1.585 -22281

In INFORMIX-ESQL/ COBOL, the FILLER keyword must identify all filler items. Filler variables can only be used as fields in a record and must also have a PIC clause associated with them. Check the declaration of the variable and change its name.

1.586 -22282

The length and precision of the data is too large or otherwise incorrect. The length cannot be greater than 18, and the precision cannot be greater than the length.

1.587 -22283

In INFORMIX-ESQL/ COBOL, a number of conditions can cause this error message to appear: the value is too large; or, data cannot contain a negative value; or, a signed value cannot be stored in an unsigned data item; or, a float overflow has occurred.

1.588 -22284

A pointer variable is used with the wrong number of level indirection. Check the indirection levels in the ESQL statement.

1.589 -22285

An entry in a multidimensional array is illegally accessed. Indexes for multidimensional arrays must be specified when used. For example, a host variable declared in ESQL/COBOL as

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```
01 VARA X(10) OCCURS 3 TIMES.
```

will return an error if used in an SQL statement as

```
INSERT INTO TAB VALUES ($VARA)
```

because you must specify which index you want to insert into (i.e., VARA(1)).

1.590 -223

The name shown appears twice in the list following the word FROM. This is not allowed. Review the statement to see if you intended to name some other table the second time. If your intent was to join a table to itself, you need to use a table alias for the second and subsequent instances of the table. For example, one way to find customers with the same last name is as follows:

```
SELECT main.lname, main.customer_num, sub.customer_num
FROM customer main, customer sub
WHERE main.lname = sub.lname AND main.rowid != sub.rowid
```

When table aliases are used (the words main and sub in the example) the table may be selected from two or more times.

1.591 -224

The database server is unable to open the file in which transaction log entries are made. It is not possible to start any transactions until this is repaired. (In an ANSI-compliant database, nothing can be done; in other databases, only queries can be done.) When using the INFORMIX-OnLine Dynamic S erver, report this problem to the OnLine Administrator. With other database servers, check the accompanying ISAM error code and look for operating system error messages that may give more information. The path to the log file is specified with a START DATABASE statement. If the file has been deleted you can re-create it as an empty file. If the path has changed, you can issue a new START DATABASE statement to redefine it.

1.592 -225

The database server (which is not OnLine) is trying to create one of the tables that comprise the system catalog, probably as part of a CREATE DATABASE statement. Some problem with the host operating system prevents it. Check the accompanying ISAM error code for more information and look for operating system error messages. The likely causes include a shortage of disk space and operating system file-access permission problems.

1.593 -22554

This error is generated when, for example, the field type TYPE is used where COUNT is expected. Check the syntax and usage for system descriptor field names in the discussion of the ALLOCATE DESCRIPTOR and GET DESCRIPTOR statements in Chapter 1 of the Informix Guide to SQL: Syntax. For a discussion of the system descriptor area, see the manual for your embedded-language product.

1.594 -22555

This error is generated when a variable is expected to have a certain type but does not. For example, an TYPE field accepts only integer types when a value is assigned to it or retrieved from it. If the variable type is not integer, an error is generated. Check the syntax and usage for system descriptor field names in the discussion of the ALLOCATE DESCRIPTOR and GET DESCRIPTOR

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statements in Chapter 1 of the Informix Guide to SQL: Syntax. For a discussion of the system descriptor area, see the manual for your embedded-language product.

1.595 -226

The database server (which is not OnLine) is trying to create one of the tables that comprise the system catalog, probably as part of a CREATE DATABASE statement. It created the table but some problem with the host operating system prevents it from making an index. Check the accompanying ISAM error code for more information and look for operating system error messages. The most likely cause is a shortage of disk space.

1.596 -22600

This is an INFORMIX-ESQL/ FORTRAN preprocessor error. Check the symbol's data type. Type-name must be a valid SQL data type.

1.597 -22601

You cannot specify RAISE in a WHENEVER statement. Delete the statement, or substitute a valid option.

1.598 -22602

You cannot specify PERFORM in a WHENEVER statement. Delete the statement, or substitute a valid option.

1.599 -22617

This is an INFORMIX-ESQL/ FORTRAN preprocessor error. The STRUCTURE statement is only supported with the Green Hills and Sun versions of FORTRAN that include the VMS FORTRAN extensions.

1.600 -22618

This is an INFORMIX-ESQL/ FORTRAN preprocessor error. The RECORD statement is only supported with the Green Hills and Sun versions of FORTRAN that include the VMS FORTRAN extensions.

1.601 -22619

This is an INFORMIX-ESQL/ FORTRAN preprocessor error. The UNION statement is only supported with Green Hills and Sun versions of FORTRAN that include the VMS FORTRAN extensions.

1.602 -22620

This is an INFORMIX-ESQL/ FORTRAN preprocessor error. An SQL statement contains a host variable that has not been declared. Host variables are declared like other FORTRAN variables except that the declaration must be contained in a declaration block between a pair of EXEC SQL BEGIN DECLARE SECTION and EXEC SQL END DECLARE SECTION statements. You cannot use the SQL data types to declare host variables. You must specify a FORTRAN data type or one of the INFORMIX-ESQL/ FORTRAN data types when you declare a host variable. The data type of the host variable should reflect the data type of the database column to which it corresponds.

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1.603 -22621

This is an INFORMIX-ESQL/ FORTRAN preprocessor error. The preprocessor is unable to allocate more memory for the symbol table. If possible, reduce the number of processes that are running at the same time as the preprocessor, or reduce the number of symbols defined by your FORTRAN program.

1.604 -22622

This is an INFORMIX-ESQL/ FORTRAN preprocessor error. The symbol is not a declared type. Declare type-name and try again.

1.605 -22623

This is an INFORMIX-ESQL/ FORTRAN preprocessor error. The length specified for the data type is less than zero. Assign a length to the data type and try again.

1.606 -22624

This is an INFORMIX-ESQL/ FORTRAN preprocessor error. A FORTRAN host variable of type INTEGER must be declared as INTEGER*2 or INTEGER*4. Correct the length of the INTEGER declration and try again.

1.607 -22625

This is an INFORMIX-ESQL/ FORTRAN preprocessor error. A FORTRAN host variable of type REAL must be declared as REAL*4 or REAL*8. Correct the length of the REAL declaration and try again.

1.608 -22626

This is an INFORMIX-ESQL/ FORTRAN preprocessor error. SQL statements and precompile instructions that are embedded in a FORTRAN program must be preceded by the keywords EXEC SQL. No statement terminator is required, except when you specify a multiple-statement object in a PREPARE statement.

1.609 -22628

This is an INFORMIX-ESQL/ FORTRAN preprocessor error. Examine the related structure declaration for this record. The component-name element does not exist as typed within the structure declaration.

1.610 -22635

This is an internal error message. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.611 -22645

This is an INFORMIX-ESQL/ FORTRAN preprocessor error. The symbol is not an array variable or the dimension is incorrect.

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1.612 -22646

This is an INFORMIX-ESQL/ FORTRAN error message. An incorrect index has been accessed in your array. Check the usage of your array. See error message -33203 for a similar message in INFORMIX-ESQL/ C.

1.613 -22647

This is an INFORMIX-ESQL/ FORTRAN preprocessor error. In ESQL/ FORTRAN only system descriptor areas that have been allocated with the ALLOCATE DESCRIPTOR statement can be used in a DESCRIBE statement.

1.614 -22648

This is an INFORMIX-ESQL/ FORTRAN preprocessor error. The SQL statement is too long (> 32K). In standard FORTRAN format, any non-blank character, except for zero, in column 6 is a continuation symbol. In UNIX-style FORTRAN format, an ampersand in column 1 is the continuation symbol. Shorten the SQL statement and try again.

1.615 -22649

This is an INFORMIX-ESQL/ FORTRAN preprocessor error. An END STRUCTURE/UNION/MAP does not have a corresponding STRUCTURE/UNION/MAP statement. Make sure that each END STRUCTURE/ UNION/ MAP statement is paired with a corresponding STRUCTURE/ UNION/ MAP statement and try again.

1.616 -22650

This is an INFORMIX-ESQL/ FORTRAN preprocessor error. A STRUCTURE/ UNION/ MAP statement does not have a corresponding END statement. Make sure each STRUCTURE/UNION/MAP statement is paired with a subsequent END statement and try again.

1.617 -227

This statement attempts to change the column named ROWID. That column is a part of every table except a fragmented table. It may be selected with a SELECT statement and compared in a WHERE clause, but it may not be altered with any DDL statement.

1.618 -228

This statement names the column ROWID in the list of columns for insertion or update. This is not permitted. The row id of a row is an intrinsic property that cannot be modified. It may be selected in a SELECT statement and compared in a WHERE clause, but its contents may not be modified.

1.619 -229

The database server cannot create a temporary disk file. The file should be created in the directory specified by the DBTEMP environment variable, (or /tmp by default on UNIX systems). Check the accompanying ISAM error code, and look for operating system error messages that may give more information. Possibly your account does not have write permission in that directory, or possibly the

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disk is full. Since Version 5.01, the DBTEMP environment variable is used by the INFORMIX-SE database server but not by the INFORMIX-OnLine Dynamic Server.

1.620 -23

An operating system error code with the meaning shown was unexpectedly returned to the database server. This error probably reflects a limit that was configured in your operating system. Look for other operating system error messages that might give more information.

1.621 -230

The database server created a temporary file in the directory specified by the DBTEMP environment variable, (or /tmp by default on UNIX systems), but now it has encountered an error trying to read it back. Check the accompanying ISAM error code, and look for operating system error messages that may give more information. Possibly there has been a hardware failure; possibly another user erased the temporary file accidentally. Since Version 5.01, the DBTEMP environment variable is used by the INFORMIX-SE database server but not by the INFORMIX-OnLine Dynamic Server.

1.622 -23075

The ESQL processor cannot open the log file specified on the command line. The log files are specified after the -log option. Check that you have specified the log file correctly.

1.623 -23076

The filename specified after the -e option on the command line for the ESQL processor has an incompatible file extension. Verify the file extension and try again.

1.624 -23077

No output filename has been specified after the -o option on the command line for the ESQL processor. Enter the command again and specify an output file.

1.625 -23078

The filename specified after the -c option on the command line for the ESQL processor has an incompatible file extension. Verify the file extension and try again.

1.626 -23079

No log filename has been specified after the -c option on the command line for the ESQL processor. Enter the command again and specify a log file.

1.627 -23080

More than one memory model option has been specified on the command line for the ESQL processor. Try again, specifying only one memory model option.

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1.628 -23081

More than one compiler option has been specified on the command line for the ESQL processor. Try again, specifying only one compiler option.

1.629 -23082

No list filename has been specified for the - f option on the command line for the ESQL processor. Enter the command again and specify a list file.

1.630 -23083

More than one application option has been specified on the command line for the ESQL processor. Try again, specifying only one application option.

1.631 -23084

The ESQL processor cannot open the ESQL response file specified on the command line.

1.632 -23085

The ESQL processor is unable to allocate memory dynamically.

1.633 -23086

The ESQL processor is unable to spawn the ESQL preprocessor.

1.634 -23087

You have not specified either a source file or an object file on the command line for the ESQL processor. Enter the command again and specify either a source file or an object file.

1.635 -23088

No module definition file has been specified on the command line for the ESQL processor. Enter the command again and specify a module definition file.

1.636 -23091

The ESQL processor cannot open the specified file. Check that you have specified the file correctly.

1.637 -23092

The ESQL processor is unable to spawn the compiler.

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1.638 -23093

The ESQL processor is unable to spawn the linker.

1.639 -23094

The ESQL processor is unable to spawn the resource compiler.

1.640 -23095

The ESQL processor is unable to create the temporary file. Delete the temporary files starting with " eq" in the specified directory.

1.641 -23096

No command line parameter file has been specified for the ESQL processor. Try again, specifying a command line parameter file.

1.642 -23097

Too many parameters have been specified on the command line for the ESQL processor. Enter the command again, specifying fewer parameters.

1.643 -23098

No source file has been specified on the command line for the ESQL processor. Enter the command again and specify a source file.

1.644 -23099

The specified list file or response file has an incompatible file format for the ESQL processor.

1.645 -231

This statement selects DISTINCT (expression) within an aggregate function. This is not supported. Select the DISTINCT value and other columns into a temporary table; then select ALL from that table applying the aggregate function.

1.646 -23100

The ESQL processor has terminated processing due to one or more compilation errors.

1.647 -23104

Code-set conversion files are required when the database server and the NewEra application use different locales. These files convert string data from one code set to the other; one file converts data from the code set of the database server to that of the NewEra client, and the other converts from the client code set to that of the server.

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This message usually means that these files are not found. Check for system error messages to see if something interfered with opening an existing and required code-set conversion file. (But for some pairs of languages, no code-set conversion files exist.)

1.648 -232

The contents of a column with the type of SERIAL may not be altered in the UPDATE statement, even when the updating value is zero. (You may specify a value of zero for a serial column when using the INSERT statement; the database server ignores the zero and inserts a generated number.) Revise the statement so that only non-serial columns are updated.

1.649 -233

A row that is selected by this statement has been locked by another user. If you executed the statement interactively, you can do one of two things. You can wait a short time and reenter the statement. Or, you can execute the statement SET LOCK MODE TO WAIT, after which you will rarely see this message again.

In a program, the response should be to roll back the current transaction, wait for an interval of random length, and rerun the transaction. Running with a LOCK MODE of WAIT reduces the frequency of this error but it can still arise in some cases, for example, when deadlock is detected. The error is usually accompanied by one of the ISAM error codes -107, -113, -134, -143, -144, or -154, and a program might want to make a different response to each of these.

1.650 -234

This INSERT statement is directed to a view, not a real table, and one of the columns defined in the view is actually the value of an expression. Insertions and updates are not allowed on views that have such columns. You will have to apply the INSERT to the real table on which the view is based.

1.651 -235

This statement specifies a width for a column of type CHAR greater than 32,767, or a width for a VARCHAR column exceeding 255. If that was your intent, you will have to use the type TEXT, which allows unlimited lengths. If it was not your intent, inspect the statement for the typographical error.

1.652 -236

There must be a separate value expression for each column named or implied in an INSERT statement. If the statement does not list specific columns, review the definition of the table to remind yourself of the number of columns and their types. Also inspect the list of expressions in the VALUES clause to make sure that there is no extra or missing comma which might have caused a wrong number of values to be seen. Be especially careful of long character strings and expressions with parentheses.

1.653 -237

The database server is unable to execute a BEGIN WORK statement. Check the accompanying ISAM error code for more information. There is probably some problem accessing the transaction log.

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1.654 -238

The database server is unable to execute a COMMIT WORK statement. Check the accompanying ISAM error code for more information. There is probably some problem accessing the transaction log.

1.655 -239

The row being inserted (or being updated to have a new primary key) contains a duplicate value of some row that already exists, in a column or columns that are constrained to have unique values. The row is not inserted. Roll back the current transaction, and execute it again without any duplicate rows.

1.656 -24

An operating system error code with the meaning shown was unexpectedly returned to the database server. This error probably reflects a limit that was configured in your operating system. Look for other operating system error messages that might give more information.

1.657 -240

The database server is unable to finish execution of a DELETE statement. Roll back the current transaction; then check the accompanying ISAM error code for more specific information.

1.658 -241

The database server is unable to execute a ROLLBACK WORK statement. Check the accompanying ISAM error code for more information. There is probably some problem accessing the transaction log.

1.659 -242

The database server is unable to begin reading a table. Check the accompanying ISAM error code for more information. There may be a problem with file permissions, or a hardware error, or the system catalog may have been corrupted. Unless the ISAM error code or an operating system message points to another cause, run the bcheck or secheck utility to verify file integrity.

1.660 -243

The database server is unable to set the file position to a particular row within the file representing a table. Check the accompanying ISAM error code for more information. There may be a hardware error or the file may have been corrupted (truncated). Unless the ISAM error code or an operating system message points to another cause, run the bcheck or secheck utility to verify file integrity.

1.661 -244

The database server is unable to read the disk page containing a row of a table. Check the accompanying ISAM error code for more information. There may be a hardware problem, or the table or index file may have been corrupted. Unless the ISAM error code or an operating system message points to another cause, run the bcheck or secheck utility to verify file integrity.

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1.662 -245

The database server encountered an error looking up a row through an index. Check the accompanying ISAM error code for more information. The table file or the index file may have been corrupted. Unless the ISAM error code or an operating system message points to another cause, run the bcheck or secheck utility to verify file integrity.

1.663 -246

The database server encountered an error looking up a row through an index. Check the accompanying ISAM error code for more information. The table file or the index file may have been corrupted. Unless the ISAM error code or an operating system message points to another cause, run the bcheck or secheck utility to verify file integrity.

1.664 -247

The database server was unable to apply an audit trail to roll a database forward. Check the accompanying ISAM error code for more information.

1.665 -248

This is an internal error that can be detected in products from version 4.1 onward. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.666 -249

When selecting INTO TEMP you are creating a table. As with any table, the columns of a temporary table must all have names. Where a single column is selected, the column in the temporary table receives the same name. Where an expression is selected, you must supply a name using a column alias, as in this example.

```
SELECT order_num, ship_date, ship_date + 14 expected FROM orders
INTO TEMP ord_dates
```

The temporary table ord_dates has three columns named order_num, ship_date, and expected. The same principle applies to a view: each column must have a name. When every column of a view is selected from a table, the view may have the same column names by default. When any column of a view is derived from an expression, all the columns must be given explicit names as in this example.

```
CREATE VIEW ord_dates(order_num, ship_date, expected) AS
SELECT order_num, ship_date, ship_date + 14 FROM orders
```

1.667 -25

An operating system error code with the meaning shown was unexpectedly returned to the database server. There might be an error in the configuration of the database software such as an incorrect address in the log-device parameter given to OnLine. Look for other operating-system error messages that might give more information. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

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1.668 -250

The database server is unable to get a row of a table prior to update. Check the accompanying ISAM error code for more information. Possibly the row or the table has been locked by another user, or possibly there is a more serious problem.

1.669 -251

The ORDER BY or GROUP BY clause uses column sequence numbers, and at least one of them is larger than the count of columns in the select list. Inspect the statement to see whether the clause was entered wrongly, or whether an item was omitted from the select list.

1.670 -252

The database server is unable to read from one or more of the system catalog tables. Check the accompanying ISAM error code for more information. Unless the ISAM error code or an operating system message points to another cause, run the `bcheck` or `secheck` utility to verify file integrity.

1.671 -253

This statement contains a name that exceeds the maximum length. Inspect the statement to see whether a long name was entered or whether some typographical error caused two names to run together.

1.672 -254

The number of host variables named in the INTO clause of this statement does not match the number of "?" place holders written into the statement. Locate the text of the statement (in a PREPARE or DECLARE statement) and verify the number of place holders. Then review the list in the INTO clause to see which is in error.

1.673 -255

This COMMIT WORK or ROLLBACK WORK statement cannot be executed because no BEGIN WORK was executed to start a transaction. Since no transaction was started, there is no need to end one. Any database modifications that were done are now permanent; they cannot be rolled back but do not need to be committed. Review the sequence of SQL statements to see where the transaction should have started.

1.674 25500

You entered an incorrect serial number or serial number key while running the Informix client/server product installation script. Obtain the proper serial number and key, and reinstall your Informix client/server product software.

1.675 25501

Log in as `root` and start the `sqlexecd` daemon process.

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1.676 25502

Contact your system administrator to solve system problems.

1.677 25503

The sqlexecd daemon does not support your network connections. Make sure you specified the correct database or database server in the DBPATH environment variable. Consult your system administrator about INFORMIX-NET licensing issues.

1.678 25504

Make sure that you correctly installed the TCP/IP network. Check for malfunctions in the TCP/IP network.

1.679 25505

Enter your request again. If the problem persists, refer to your system manual for more information.

1.680 25506

Make sure that you correctly installed the TCP/IP network. Check for malfunctions in the TCP/IP network.

1.681 25507

Tell your database administrator to examine the sqlhosts file entry. Make sure that the NETTYPE settings in the ONCONFIG file match the nettype settings in the sqlhosts file.

If you are using the TCP/IP protocol, make sure that the correct service name appears in the /etc/services file. If you are using NFS, use ypmake to check the /etc/services file. Sometimes the daemon does not recognize service names added after a default boot.

1.682 25510

Enter your request again. If the problem persists, refer to your system manual for more information.

1.683 25511

Make sure you correctly installed the TCP/IP network. Check for malfunctions in the TCP/IP network.

1.684 25512

Make sure that you can access the requested database server program.

1.685 25514

Make sure that you can write to the requested log file.

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1.686 25515

Refer to your Informix product manuals. Check the version information associated with your Informix client/server products to verify compatibility between those products.

1.687 25518

If your network supports STARLAN connections, set the DBNETTYPE environment variable to " starlan." If your network supports TCP/IP connections, set the DBNETTYPE environment variable to "tcp/ip." Informix version 6.0 (or higher) database servers do not use this message.

1.688 25519

Enter your request again. If the problem persists, refer to your system manual for more information.

1.689 25520

Enter your request again. If the problem persists, refer to your system manual for more information.

1.690 25521

Enter your request again. If the problem persists, refer to your system manual for more information.

1.691 25522

Enter your request again. If the problem persists, refer to your system manual for more information.

1.692 25523

The sqlexecd daemon process attempted to use the same service number allocated to another running process. Make sure that the system administrator does not need to use the running sqlexecd process. Then, kill the sqlexecd process and start a new one. Or, add a new entry to the /etc/services file and start a daemon for the service using the new service number. Refer to your system manual for more information.

1.693 25526

Enter your request again. If the problem persists, run your network diagnostics to determine the source of the problem.

1.694 25528

Make sure that you correctly installed your network hardware and software. Check for malfunctions in the network.

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1.695 25529

Make sure that you requested a valid hostname. Verify that the /etc/hosts file contains the requested hostname entry.

1.696 25530

Make sure that no other daemons are running on the port address.

1.697 25531

Make sure that no other daemons are running on the port address.

1.698 25533

Enter your request again. If the problem persists, refer to your system manual for more information.

1.699 25534

Enter your request again. If the problem persists, refer to your system manual for more information.

1.700 25535

Enter your request again. If the problem persists, refer to your system manual for more information.

1.701 25537

Make sure that you correctly installed your TCP/IP or StarGROUP network. Check for malfunctions in the network.

1.702 25543

Examine the /etc/services file to verify that the requested service name exists. Also make sure that the /etc/services file specifies the correct protocol and/or port number.

1.703 25544

Make sure that you requested a valid server name. Examine the /etc/hosts file to verify that you correctly defined the requested server name, client address, and host names.

1.704 25545

You are starting the sqlexecd daemon on a system running portable INFORMIX-OnLine for NetWare with IPX/ SPX as the network protocol, but the daemon is unable to advertise the service name for the database server on the INFORMIX-OnLine for NetWare network. Possible reasons include: another sqlexecd daemon is already using the same service name, a recently stopped sqlexecd daemon with the same service name was unable to de-advertise its service, or the portable INFORMIX-OnLine for NetWare software on your system is down.

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The service name of each database server must be unique across the entire INFORMIX-OnLine for NetWare network. The default service name is sqlexec. If the name is already used by another sqlexecd daemon or database server on the network, use a different service name to start the sqlexecd daemon. You can explicitly specify a service name as a parameter in the sqlexecd command line.

If you are restarting a recently terminated sqlexecd daemon, the previous sqlexecd probably has not finished de-advertising or was unable to de-advertise the service name. When you terminate an sqlexecd daemon, use the TERM signal (15) only (that is, `kill -15 pid` or `kill pid`). If you do not terminate a service properly, depending on your portable INFORMIX-OnLine for NetWare configuration, it might take about three minutes for a terminated service to be de-advertised automatically.

1.705 -25546

This is an internal error. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.706 -25548

This is an sqlexecd internal error. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.707 -25553

The sqlhosts file is required to determine information to establish connection to a local or remote server. Create an sqlhosts file in the directory $INFORMIXDIR/etc according to the format described in the manual for your database server product.

1.708 -25554

Make sure the server name is 18 characters or less in length. The server name must start with a letter and must be all in lowercase characters. It can include letters, numbers, and underscores. Beginning with Version 6.0, server names can start with an underscore.

1.709 -25555

The database server name mentioned in the current command is not listed in the sqlhosts file. Check the server name for accuracy. Make sure that all database servers to be accessed are included in the sqlhosts file.

If you are using INFORMIX-SE, your current working directory may be an NFS-mounted directory. Change your current working directory to a local directory or add appropriate local directories to your DBPATH.

1.710 -25556

Make sure each field in the $INFORMIXDIR/etc/sqlhosts file is correct and contains supported values. If you are using the INFORMIX-OnLine Dynamic Server, check the DBSERVERNAME, DBSERVERALIASES, and NETTYPE parameters in the $ONCONFIG configuration file, as described in the

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INFORMIX-*OnLine Dynamic Server Administrator's Guide*. If you are using the INFORMIX-SE database server, check the dbservername, nettype, hostname, and servicename fields to make sure you have entered the correct values as described in INFORMIX-SE A*dministrator's* G*uide*.

1.711 -25557

This is an internal error. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.712 -25558

The database server mentioned in the current command resides on an NFS- or RFS-mounted file system. However, there is no entry with the NFS or RFS host for the dbservername listed in the sqlhosts file. Ask your Informix database administrator to add the entry to the sqlhosts file. If you are using INFORMIX-SE, be sure that there is an sqlexecd daemon running on the NFS or RFS host.

1.713 -25560

A default database server must be specified by the INFORMIXSERVER environment variable. Set INFORMIXSERVER using a setenv command in C shell or a "set" command in Bourne shell.

1.714 -25561

This is an internal error. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.715 -25565

This is an internal error. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.716 -25566

This is an operating system error. See the system administrator. Make sure the system clock is set correctly.

1.717 -25567

This error is usually caused by memory corruption or wrong use of buffer management routines. Make sure there is no memory corruption problem in the current process space.If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.718 -25568

This is an internal error. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

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1.719 -25570

A system call has failed. See the UNIX system administrator for assistance.

1.720 -25571

Check the value of the USERTHREADS parameter in the ONCONFIG configuration file and the value of the userthreads field of the NETTYPE parameter.

1.721 -25572

A system call has failed. The sqlexecd daemon or the INFORMIX-OnLine Dynamic Server cannot access the network port specified by the servicename in the sqlhosts file for the database server. This may occur because the network port is already in use by another sqlexecd, database server, or other application. Use a different servicename on the command line (prior to Version 6.0) or in the sqlhosts file (beginning with Version 6.0). Contact your UNIX system administrator for assistance.

1.722 -25573

A system call has failed. See the UNIX system administrator for assistance.

1.723 -25574

A system call has failed. See the UNIX system administrator for assistance.

1.724 -25575

A system call has failed. See the UNIX system administrator for assistance.

1.725 -25576

A system call has failed. See the UNIX system administrator for assistance.

1.726 -25577

A system call has failed. See the UNIX system administrator for assistance.

1.727 -25578

A system call has failed. See the UNIX system administrator for assistance.

1.728 -25579

This is an internal error. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

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1.729 -25580

A system call has failed. See the UNIX system administrator for assistance.

1.730 -25581

This is a system problem. It may be a problem with freeing memory. You can retry the connection, then see the UNIX system administrator for assistance.

1.731 -25582

This may indicate that the database server has terminated or there may be a problem on the network itself. Check to make sure that the network is functioning and that the server is still running.

1.732 -25583

See the UNIX system administrator or the network administrator for assistance.

1.733 -25584

Make sure that the default server name is correctly specified in the INFORMIXSERVER environment variable and that the default server name and the service name entries in the sqlhosts file are correct.

1.734 -25585

The buffer size specified in the servicename column is not valid. Make sure that the servicename column of your sqlhosts file is correct.

1.735 -25586

A system call has failed. See the UNIX system administrator for assistance.

1.736 -25588

This error can be caused by an error in the application. Check your CONNECT statement and the sqlhosts file. The error can also be caused by a system failure. If no immediate cause can be found for the failure, note the circumstances and contact your OnLine database administrator for assistance.

The shared memory communication subsystem is down or not functioning. Contact the OnLine database administrator to report the problem.

1.737 -25589

A system call has failed. See the UNIX system administrator for assistance.

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1.738 -25590

This error indicates that an invalid user ID or password was used to connect to the database server. Re-define a valid user ID and password.

1.739 -25591

Check the hostname and servicename entries in the $INFORMIXDIR/etc/sqlhosts file for the desired database server. Verify with the DBA and the UNIX system administrator that the hostname and servicename are spelled correctly. If using TCP/IP, also verify that the hostname and servicename have corresponding entries in the /etc/hosts and the /etc/services files, respectively, on the client computer.

1.740 -25592

The network service requested for this connection, such as TCP with sockets or TCP with TLI, is not available on the desired system or the specified database server. Use a supported network service; verify that the nettype field is correctly specified for the desired database server in the $INFORMIXDIR/etc/sqlhosts file. If the network service is available on the system but not on the database server, ask your DBA to turn on the service when initializing the database server.

1.741 -25593

This is an operating system error. Report this problem to the operating- system administrator. It may require a system reboot.

1.742 -25594

This problem is usually caused by memory corruption, or, the operating system is not able to perform a semaphore operation. Report the problem to the OnLine database administrator. It may be necessary to restart the INFORMIX-OnLine Dynamic Server or to perform a reboot of the entire system.

1.743 -25595

An error occurred when connecting to the desired database server. If using the INFORMIX-OnLine Dynamic Server, verify that the database server is still online. If using the INFORMIX-SE database server, verify that the sqlexecd daemon for the database server is still running. Also, verify that the $INFORMIXDIR/etc/sqlhosts file entry for the database server is correct. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.744 -25596

The default database server name specified by the INFORMIXSERVER environment variable must be a valid database server name in the file $INFORMIXDIR/etc/sqlhosts. Make sure the specified server is listed in the sqlhosts file.

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1.745 -25597

This is a system failure. There may be a problem with accessing environment variables. Note the system error number and see the operating-system administrator for assistance.

1.746 -25598

This is an internal error. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.747 -25599

The client application is attempting to connect to a remote server. However, there is no listener daemon running on the remote host. Make sure the listener daemon is started on the remote host and retry the connection.

1.748 -256

You cannot begin a transaction in this database because it does not have a transaction log. In order to support transactions you must start a transaction log. With the INFORMIX-OnLine Dynamic Server this is done by the OnLine administrator (using the Databases screen of the Logical Logs menu of DB-Monitor or ON-Monitor). With other database servers it is done using the START DATABASE statement.

1.749 -25600

Check with your system administrator for problems with the system.

1.750 -25601

Validate that the named relay module is installed on your system.

1.751 -25602

Check with your system administrator for problems with the system.

1.752 -25603

Check your application and make sure that you prepare only one of the CREATE DATABASE, START DATABASE, or DROP DATABASE statements before connecting to a database.

1.753 -25604

Check your application and make sure that your database syntax uses the correct options accordingly in the statements.

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1.754 -25605

Make sure that you have set the SQLEXEC environment variable to the local INFORMIX-SE database server (for database server versions prior to 6.0).

1.755 -25606

Make sure that you have installed either the INFORMIX-SE database server or the INFORMIX-OnLine Dynamic Server.

1.756 -25607

You issued an SQL statement that requires an open database, but you did not select a database. Select the desired database and then retry the statement.

1.757 -257

The database server can handle only a fixed number of prepared SQL statements for each user. Included in this limit are statements prepared with the PREPARE statement and cursors declared with DECLARE. This statement (a PREPARE, DECLARE, or PREPARE IMMEDIATE) exceeds that limit. The statement is not executed. The FREE statement releases prepared statements. Review the logic of your program and change it so that it frees prepared statements when they are no longer needed.

This restriction is removed starting with Version 5.0 database servers; however, programs that might have to be compatible with earlier versions should still use FREE to stay under the limit.

1.758 -25701

You do not have permission to access the specified host table. Either your Answer/Extractor profile name is incorrect, or your host-table glossary is out of date. Make sure your Answer/DB Profile Name parameter on the SETUP screen is correct. If it is correct, refresh your host-table glossary.

1.759 -25702

The glossary database has not been created yet. Select the Refresh option from the HOST-TABLE Menu. The database will be created automatically.

1.760 -25705

The host table you specified is not listed in your glossary. One of the following causes may apply:

- You misspelled the host-table name.
- Your Answer/Extractor profile name is incorrect.
- You do not have permission to access the table.
- Your host-table glossary is out of date.

Check the spelling of the host-table name and your Answer/DB Profile Name parameter on the SETUP screen. Consult your Answer/Extractor DBA to verify that you have permission to access the specified table. Refresh your host-table glossary, if needed.

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1.761 -25709

There is no information in your host-table glossary. One of the following causes may apply:

- You misspelled your Answer/Extractor profile name.
- You do not have access to any tables on the host.
- You have not refreshed your glossary.
- The glossary database is corrupt.

Verify that the Answer/DB Profile Name parameter on the SETUP screen is correct. Refresh your host-table glossary, if needed.

1.762 -25713

You are using the INFORMIX-SE database server. Data Extract does not support the INFORMIX-SE database server. Exit Data Extract. Change the SQLEXEC environment variable to indicate sqlturbo and set the TBCONFIG environment variable, if needed. Restart Data Extract.

1.763 -25714

You are running an EXTRACT statement or are refreshing your host glossary. The time limit set in the Host Process Timeout parameter expired while Data Extract was waiting for the host to return the selected data. One of the following causes may apply:

- The timeout limit is too short.
- The Answer/Extractor batch processor did not run within the specified time limit.
- The host is very busy.
- Host communication is unavailable or is interrupted.

Verify that the host communication is operational. Increase the Host Process Timeout parameter in the SETUP screen. Rerun the EXTRACT statement or refresh the glossary by choosing the Refresh option on the HOST-TABLE Menu.

If the error occurs while you are running an EXTRACT statement, consult your Answer/Extractor DBA to check the schedule of the batch processor that processes the selected host table. Adjust the Host Process Timeout parameter according to the schedule, or rerun the EXTRACT statement at another time.

1.764 -25715

This is only a warning message. While Data Extract is retrieving the glossary, it retrieves a description for a field that is not listed in the glossary.

1.765 -25716

Data Extract encountered an error while inserting a host field description into the glossary database during a glossary refresh. Either another user locked the glossary database, or a table update error occurred. If the database is locked, refresh the glossary again.

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1.766 -25718

An SQL statement was entered that is either invalid or not supported by Data Extract. Refer to Appendix A of the INFORMIX-OpenView User Manual for a list of supported SQL statements.

1.767 -25719

When host data is extracted into a table, the number of listed host fields is not the same as the number of listed target-table columns. Check the EXTRACT statement to make sure that the number of host fields you listed is the same as the number of target-table columns.

1.768 -25720

The defined length of the specified host field is longer than the defined length of the specified Informix table column in which data is to be retrieved. Check the defined length of the host field in the glossary. Redefine the length of the target column, and rerun the EXTRACT statement.

1.769 -25721

An extract of host data into a column that is defined as a BLOB was attempted. Redefine the column to a supported data type, or modify the EXTRACT statement to use a different column that is not a BLOB. Rerun the EXTRACT statement.

1.770 -25722

The host field to retrieve is listed as having a data type other than character or numeric. The glossary database is incorrect. Refresh the glossary and rerun the EXTRACT statement.

1.771 -25723

This is a Data Extract internal error. Rerun the EXTRACT statement. If the error recurs, exit Data Extract. Restart Data Extract, and then rerun the EXTRACT statement.

1.772 -25724

The status of the Answer/Extractor SELECT clause that was submitted to the host is being checked. The status of the SELECT clause is not available at this time. Resubmit your request.

1.773 -25727

This is an internal error. Exit Data Extract and retry the option.

1.774 -25728

Data Extract cannot create the data structure for Answer/API to submit your EXTRACT statement. There probably is not enough memory. Exit Data Extract. Restart Data Extract, and rerun the EXTRACT statement.

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1.775 -25730

Data Extract cannot initialize Answer/API. See the accompanying API error message for more information.

1.776 -25731

Data Extract cannot establish the connection to Answer/Extractor on the host computer. See the accompanying API error message for more information.

1.777 -25732

Data Extract cannot terminate the connection to Answer/Extractor on the host computer. See the accompanying API error message for more information.

1.778 -25733

Data Extract cannot initialize the status communication data structure for Answer/API. See the accompanying API error message for more information.

1.779 -25734

Data Extract cannot initialize the environment descriptor data structure for Answer/API. See the accompanying API error message for more information.

1.780 -25735

Data Extract cannot initialize the query statement descriptor for Answer/API. See the accompanying API error message for more information.

1.781 -25736

Data Extract cannot initialize the field descriptor for Answer/API. See the accompanying API error message for more information.

1.782 -25737

Data Extract cannot initialize the cursor descriptor for Answer/API. See the accompanying API error message for more information.

1.783 -25738

While exiting, Data Extract cannot terminate Answer/API. See the accompanying API error message for more information.

1.784 -25739

This is an internal error. Exit Data Extract and retry the option.

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1.785 -25740

This is an internal error. Exit Data Extract and retry the option.

1.786 -25741

This is an internal error. Exit Data Extract and retry the option.

1.787 -25742

This is an internal error. Exit Data Extract and retry the option.

1.788 -25743

The SELECT clause in the current EXTRACT statement is invalid. See the accompanying API error message for more information.

1.789 -25744

The SELECT clause in the current EXTRACT statement cannot be executed on the host. See the accompanying API error message for more information.

1.790 -25745

This is an internal error. See the accompanying API error message for more information.

1.791 -25746

Data Extract cannot retrieve the results of the current EXTRACT statement from the host. See the accompanying API error message for more information.

1.792 -25747

Data Extract encountered an error while retrieving data from the host. See the accompanying API error message for more information.

1.793 -25748

Data Extract cannot successfully terminate access to the results for the current EXTRACT statement. See the accompanying API error message for more information.

1.794 -25749

Data Extract cannot purge the data on the host. Data Extract purges host data after it has finished retrieving the results for the current EXTRACT statement, after it has encountered an error while retrieving the data, or after the user has cancelled the job. See the accompanying API error message for more information.

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1.795 -25750

Data Extract cannot retrieve the status of the current SELECT clause that has been submitted to the host. See the accompanying API error message for more information.

1.796 -25751

Data Extract cannot cancel the current SELECT clause that has been submitted to the host. See the accompanying API error message for more information.

1.797 -25753

Data Extract cannot write to the host configuration file, config.txt. The file is in the path specified in the ANSAPI environment variable, or in the current directory if ANSAPI is not set. Either the file or path does not have the correct permissions, or there is not enough disk space. Verify that the file and path have the correct permissions and that there is enough disk space.

1.798 -25754

Data Extract cannot write to the local configuration file, openview.cfg. The file is in the path specified in the ANSAPI environment variable, or in the current directory if ANSAPI is not set. Either the file or path does not have the correct permissions, or there is not enough disk space. Verify that the file and path have the correct permissions and that there is enough disk space.

1.799 -25755

Data Extract cannot read the host configuration file, config.txt. The file is in the path specified in the ANSAPI environment variable, or in the current directory if ANSAPI is not set. Verify that the file and path have the correct permissions.

1.800 -25756

Data Extract cannot read the local configuration file, openview.cfg. The file is in the path specified in the ANSAPI environment variable, or in the current directory if ANSAPI is not set. Verify that the file and path have the correct permissions.

1.801 -25757

Data Extract cannot open the glossary database. Either Data Extract encountered an internal error, or the system permissions to the glossary database have been modified. Check the glossary database to make sure that the system permissions to the database have not been altered. If the problem persists, request the glossary database owner to drop the glossary database and re-create it by running the glossary Refresh option.

1.802 -25761

The value you entered in the Host Environment parameter on the SETUP screen is not valid or is not supported. Change the value to one of the following: CICS, CMS, IMS, TSO.

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1.803 -25762

A paging code is required if you are using Answer/Extractor in CICS. Consult your Answer/Extractor DBA to find out the CICS paging code.

1.804 -25763

A termination code is required if you are using Answer/Extractor in CICS. Consult your Answer/Extractor DBA to find out the CICS termination code.

1.805 -25764

The Answer/Extractor profile name is required to determine your access permissions to the host tables. Consult your Answer/Extractor DBA to find out your Answer/Extractor profile name.

1.806 -25765

The Answer/Extractor invocation code is required to invoke Answer/Extractor. Consult your Answer/Extractor DBA to find out the Answer/Extractor invocation code for your host environment.

1.807 -25766

The lock time you entered is invalid. Change the lock time to a number from 1 to 300.

1.808 -25767

The stable time you entered is invalid. Change the stable time to a number from 2 to 18.

1.809 -25768

The Connect Script parameter on the SETUP screen is blank. Enter the filename of a valid connect script. You can use the Scripter utility to create a valid connect script if it does not exist.

1.810 -25769

The specified connect script file does not exist or does not have the correct permissions. Check the spelling of the filename. Check that the file exists in the path specified in the ANSAPI environment variable, or in the current directory if ANSAPI is not set.

1.811 -25770

The Disconnect Script parameter on the SETUP screen is blank. Enter the filename of a valid disconnect script. Use the Scripter utility to create a valid script if it does not exist.

1.812 -25771

The specified disconnect script file does not exist or does not have the correct permissions. Check the spelling of the filename. Check that the file exists in the path specified in the ANSAPI environment

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variable, or in the current directory if ANSAPI is not set.

1.813 -25772

The specified Answer/Extractor processing class is incorrect. Change the Class parameter to a number from 1 to 15.

1.814 -25773

The specified processing timeout limit is incorrect. Change the Host Process Timeout parameter to a number from 1 to 1440.

1.815 -25774

The specified value is incorrect. Change the value to within the accepted range.

1.816 -25775

The specified value is incorrect. Change the value to within the accepted range.

1.817 -25776

The specified value is incorrect. Change the value to within the accepted range.

1.818 -25777

You answered a prompt with a letter other than Y or N. Change your answer to Y or N.

1.819 -25778

While extracting host data into a file, Data Extract cannot write to the specified file. Verify that there is enough disk space and that the file has the correct permissions.

1.820 -25779

While extracting host data into a file, Data Extract cannot open the specified output file. If the file already exists, make sure the file has the correct permissions.

1.821 -25780

While refreshing your glossary, Data Extract found that no field descriptions are defined on the host computer for the host table being refreshed. This is only a warning. Consult your Answer/Extractor DBA about adding field descriptions for the host table.

1.822 -25781

The current EXTRACT statement is missing the host table name or the entire FROM clause. Correct and rerun the EXTRACT statement.

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1.823 -25783

SIZE clause contains unacceptable characters. Acceptable values must be a number from 1 to 9,999.

1.824 -25784

The specified value is incorrect. Acceptable values must be a number from 1 to 9,999.

1.825 -258

The current statement (an EXECUTE or an OPEN) refers to a prepared SQL statement or a cursor which does not exist. Possibly the statement id is invalid, or possibly the statement was prepared and then released with the FREE statement. Review the program logic to make sure that the statement or cursor named in this statement is valid, has been properly prepared or declared, and has not been freed prior to this point.

If the program executes a prepared DATABASE statement which succeeds, the prepared statement is freed automatically by the database server. As a result, if you FREE a prepared DATABASE statement, you will receive this error on the FREE. It can be ignored in this case.

1.826 -259

The current statement refers to a cursor which has not been opened. Review the logic of the program to see how it failed to execute the OPEN statement before reaching this point. Keep in mind that statements that end transactions (COMMIT WORK and ROLLBACK WORK) also close cursors, unless the cursors are declared WITH HOLD.

1.827 -26

An operating system error code with the meaning shown was unexpectedly returned to the database server. If the current operation requires the use of a text file (such as the input file to LOAD or to a PRINT FILE statement in a report), retry the operation later. Look for other operating-system error messages that might give more information.

1.828 -260

Although you can PREPARE a SELECT statement, the only way you can then execute that SELECT is to associate its statement id with a cursor (using a DECLARE statement) and then to OPEN the cursor.

An important exception is the SELECT..INTO TEMP statement, which can be executed and can not be used with a cursor.

Other prepared statements may be executed with the EXECUTE statement. If the contents of this SELECT statement are known at the time you are writing the program, and if it is certain to return only a single row of data, you can embed it in the program. If it must be prepared dynamically while the program is running, then you must revise your program to execute it through a cursor.

1.829 -261

In general, the database server is unable to create the file that will represent this table. Check the accompanying ISAM error code for more information. The file would be created in the database.dbs

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directory (unless you supplied an IN pathname clause) with INFORMIX-SE. Its filename would begin with the first few letters of table-name, followed by a three-digit number and the suffix .dat, or .idx. The most likely cause for this error with INFORMIX-SE is some problem with file permissions, or possibly the disk is full.

The INFORMIX-OnLine Dynamic Server allows fragmentation, which might involve extensive use of dbspaces. Thus, you need to check the dbspace that was specified for the table. If no dbspace was specified, then the dbspace in which the database was created is used. For database creation, if no dbspace is specified, then the rootdbs is used. The most likely cause for this error in OnLine is that the specified dbspace does not exist, or the disk is full.

1.830 -26104

Memory-allocation error. Memory Manager could not allocate memory. Exit Data Extract and retry the option.

1.831 -262

This is an internal error which should not occur. Note all the details of the network software in use and the version level of the database servers in this and the other host system. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.832 -26201

The Answer/Extractor message file, message.txt, cannot be found. Make sure that the ANSAPI environment variable is set correctly. If necessary, copy the message file from $INFORMIXDIR/etc to your ANSAPI directory, or the current directory if ANSAPI is not set.

1.833 -26202

This is an internal error. Exit Data Extract and retry the option.

1.834 -26203

The Answer/Extractor message file, message.txt, is incorrect or corrupt. Recopy the message file from $INFORMIXDIR/etc to the directory specified in the ANSAPI environment variable, or the current directory if ANSAPI is not set.

1.835 -26204

The Answer/Extractor message file, message.txt, is incorrect or corrupt. Recopy the message file from $INFORMIXDIR/etc to the directory specified in the ANSAPI environment variable, or the current directory if ANSAPI is not set.

1.836 -26205

The Answer/Extractor message file, message.txt, does not have the correct permissions or is corrupted. Verify that the file has the correct permissions. The file should be in the directory specified by the ANSAPI environment variable, or in the current directory if ANSAPI is not set. If the file is corrupt,

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recopy the file from $INFORMIXDIR/etc.

1.837 -26206

The host configuration file, config.txt, cannot be found. Use the Setup option on the Data Extract Main Menu to access the SETUP screen and create the configuration file.

1.838 -26207

This is an internal error. Exit Data Extract and retry the option.

1.839 -26208

The host configuration file, config.txt, is incorrect or corrupt. Use the Setup option on the Data Extract Main Menu to access the SETUP screen and re-create the configuration file.

1.840 -26209

The host configuration file, config.txt, is incorrect or corrupt. Use the Setup option on the Data Extract Main Menu to access the SETUP screen and re-create the configuration file.

1.841 -26210

The host configuration file, config.txt, does not have the correct permissions or is corrupt. Verify that the file has the correct permissions. Check that the file is in the directory specified by the ANSAPI environment variable, or in the current directory if ANSAPI is not set. If the file is corrupt, use the Setup option on the Data Extract Main Menu to access the SETUP screen and re-create the configuration file.

1.842 -26211

This is an internal error. Exit Data Extract and retry the option.

1.843 -26212

The hardware required for communicating to the host computer is not installed or is not functioning properly. Verify that the communications board is installed and configured properly.

1.844 -26217

The controller instructions file, driver.dsc, is invalid or corrupt. Recopy the file from $INFORMIXDIR/etc to the directory specified in ANSAPI, or to the current directory if ANSAPI is not set.

1.845 -26224

The emulation software is unavailable, or the host session specified in the Host Session parameter on the SETUP screen is currently in use.

Verify that the emulation software is available. If it is, change the Host Session parameter on the SETUP screen to a different host session. Be sure to change any configuration file required by your

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emulation software accordingly.

1.846 -26225

The host session name specified in the Host Session parameter on the SETUP screen is invalid. Correct the host session name. Be sure to change any configuration file required by your communications software accordingly.

1.847 -26230

Data Extract does not support model 5 terminals. Reconfigure your 3270 emulator software to a model 2 terminal and then restart Data Extract.

1.848 -26231

The Keyboard Inhibit signal on the host session did not clear within the timeout period set in the Lock Time parameter. This may have occurred for the following reasons:

- The time specified in the Lock Time parameter is too short.
- The host session went down.
- The host session is very slow.

Exit Data Extract. Use your 3270 emulator software (e.g., te3278) to verify that the host session is available. If the host session is available, manually exit the session to the starting point specified in your connect script. Restart Data Extract. If the host session is very slow, increase the Lock Time parameter.

1.849 -26233

This is an internal error. Exit Data Extract and retry the option.

1.850 -26234

The connect or disconnect script is invalid. Use the Scripter utility to re-create your connect or disconnect script. Make sure that the scripts are in the directory specified in the ANSAPI environment variable.

1.851 -26235

The password for the connect or disconnect script is incorrect. Verify your connect or disconnect script password on the SETUP screen.

1.852 -26236

Your 3270 emulator session is not at the terminal session screen expected by the connect script. Exit Data Extract and confirm that your connect script is correct. Use the 3270 emulator software to make sure it is at the screen expected by the connect script.

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1.853 -26237

Your 3270 emulator session is not at the terminal session screen expected by the connect script. Exit Data Extract and confirm that your connect script is correct. Use the 3270 emulator software to make sure it is at the screen expected by the connect script.

1.854 -26238

The host did not respond within the time limit set in the Lock Time parameter in the SETUP screen. The host is either not available at the moment or is busy. Use the Setup option on the Main Menu to access the SETUP screen. If the error recurs, resubmit your request.

1.855 -26239

The specified host environment is invalid. Correct the Host Environment parameter on the SETUP screen.

1.856 -26240

The specified Answer/Extractor password is invalid. Verify the Answer/DB Password parameter on the SETUP screen.

1.857 -26241

The specified Answer/Extractor profile name is invalid. Verify the Answer/DB Profile Name parameter on the SETUP screen.

1.858 -26242

Your 3270 emulator session is not at the terminal session expected by the connect script. Exit Data Extract and confirm that your connect script is correct. Use the 3270 emulator software to make sure it is at the terminal expected by the connect script.

1.859 -26245

Your 3270 emulator session is not at the terminal session expected by the connect script. Exit Data Extract and confirm that your connect script is correct. Use the 3270 emulator software to make sure it is at the terminal expected by the connect script.

1.860 -26246

The connect or disconnect script cannot be opened. Verify that the connect or disconnect script file has the correct permissions.

1.861 -26247

This is an internal error. Exit Data Extract and retry the option.

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1.862 -26248

This is an internal error. Exit Data Extract and retry the option.

1.863 -26249

This is an internal error. Exit Data Extract and retry the option.

1.864 -26250

This is an internal error. Exit Data Extract and retry the option.

1.865 -26251

This is an internal error. Exit Data Extract and retry the option.

1.866 -26252

This is an internal error. Exit Data Extract and retry the option.

1.867 -26253

This is an internal error. Exit Data Extract and retry the option.

1.868 -26254

This is an internal error. Exit Data Extract and retry the option.

1.869 -26255

This is an internal error. Exit Data Extract and retry the option.

1.870 -26256

This is an internal error. Exit Data Extract and retry the option.

1.871 -26257

The SELECT clause in the current EXTRACT statement is missing the FROM clause. Correct and rerun the EXTRACT statement.

1.872 -26258

The SELECT clause in the current EXTRACT statement is invalid. Correct the EXTRACT statement and rerun it.

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1.873 -26259

The SELECT clause in the current EXTRACT statement has an invalid FROM reference. Correct and rerun the EXTRACT statement.

1.874 -26260

The SELECT clause in the current EXTRACT statement contains an invalid range variable. Correct and rerun the EXTRACT statement.

1.875 -26263

The function referenced in the SELECT clause in the current EXTRACT statement is invalid. Correct and rerun the EXTRACT statement.

1.876 -26265

Some of the fields specified in the ORDER BY clause in the EXTRACT statement have not been selected. Modify the SELECT clause to select the fields and rerun the EXTRACT statement.

1.877 -26267

The wildcard in the SELECT clause of the current EXTRACT statement is invalid. Correct and rerun the EXTRACT statement.

1.878 -26268

This is an internal error. Exit Data Extract and retry the option.

1.879 -26269

This is an internal error. Exit Data Extract and retry the option.

1.880 -26270

This is an internal error. Exit Data Extract and retry the option.

1.881 -26271

The connection to Answer/Extractor on the host cannot be established at the moment. Exit Data Extract and resubmit the request.

1.882 -26272

The connection to Answer/Extractor on the host cannot be terminated. The host session has probably been disconnected unexpectedly. Use the emulator software, for example te3278, to verify that the host connection is terminated. The session may need to be terminated manually.

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1.883 -26273

The value set in the Class parameter is invalid. Consult your Answer/Extractor DBA to determine the valid class numbers. Correct the class number on the SETUP screen and rerun the EXTRACT statement.

1.884 -26274

The value set in the Max Records to Process parameter is invalid. Correct the parameter on the SETUP screen, and then rerun the EXTRACT statement.

1.885 -26275

The value set in the Max Records to Retrieve parameter is invalid. Correct the parameter on the SETUP screen, and then rerun the EXTRACT statement.

1.886 -26276

This is an internal error. Exit Data Extract and retry the option.

1.887 -26277

The host table specified in the current EXTRACT statement does not exist, although it is listed in your glossary. The host- table glossary is probably out of date. Refresh the entire host-table glossary.

1.888 -26278

One of the host fields specified in the current EXTRACT statement does not exist on the host, although it is listed in your host table glossary. Your host-table glossary is probably out of date. Refresh the host-table information for the problem host table.

1.889 -26279

The SELECT clause in the current EXTRACT statement is too long.

1.890 -26280

The CICS paging code is missing. Use the SETUP screen to set the CICS Paging Code parameter.

1.891 -26281

An expected message was not received from the mainframe when Data Extract tried to retrieve host data or check the status of a job. Exit Data Extract and retry the option.

1.892 -26282

This is an internal error. Exit Data Extract and retry the option.

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1.893 -26283

This is an internal error. Exit Data Extract and retry the option.

1.894 -26284

This is an internal error. Exit Data Extract and retry the option.

1.895 -26285

The result for the SELECT clause of the current EXTRACT statement is not available at the host. Rerun the EXTRACT statement.

1.896 -26286

This is an internal error. Exit Data Extract and retry the option.

1.897 -26287

The host fields in the ORDER BY clause in the current EXTRACT statement are duplicated. Correct and rerun the EXTRACT statement.

1.898 -26288

The host fields in the GROUP BY clause in the current EXTRACT statement are duplicated. Correct and rerun the EXTRACT statement.

1.899 -26289

The expression in the SELECT clause in the current EXTRACT statement is too long. Correct and rerun the EXTRACT statement.

1.900 -26290

The expression in the SELECT clause in the current EXTRACT statement is invalid. Correct and rerun the EXTRACT statement.

1.901 -26291

The SELECT clause in the current EXTRACT statement is missing the connector between expressions. Correct and rerun the EXTRACT statement.

1.902 -26292

The SELECT clause in the current EXTRACT statement is missing a matching parenthesis. Correct and rerun the EXTRACT statement.

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1.903 -26293

The SELECT clause in the current EXTRACT statement contains an item of an incorrect data type. Correct and rerun the EXTRACT statement.

1.904 -26294

The SELECT clause in the current EXTRACT statement is missing an open parenthesis. Correct and rerun the EXTRACT statement.

1.905 -26295

The SELECT clause in the current EXTRACT statement contains an invalid ESCAPE value. Correct and rerun the EXTRACT statement.

1.906 -26296

At least one host field name is required in the SELECT clause in the current EXTRACT statement. Correct and rerun the EXTRACT statement.

1.907 -26297

The SELECT clause in the current EXTRACT statement contains extra text. Correct and rerun the EXTRACT statement.

1.908 -26298

This is an internal error. Exit Data Extract and retry the option.

1.909 -26299

The SELECT clause of the current EXTRACT statement does not contain any host field or function value references. Correct and rerun the EXTRACT statement.

1.910 -263

This statement, probably a FETCH that names a cursor declared FOR UPDATE, failed because the row it should have fetched could not be locked. Check the accompanying ISAM error code for more information; it will usually be one of -107, -113, -134, -143, -144, or -154. The most likely reason is that another program is using the row (-107) or table (-113). Using SET LOCK MODE TO WAIT will eliminate these but detection of deadlock (-143 or -154) and lock table full (-134) can still occur.

1.911 -26300

The SELECT clause of the current EXTRACT statement contains the keyword DISTINCT, which is not supported. Correct and rerun the EXTRACT statement.

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1.912 -26301

The ALL keyword is misused in the SELECT clause of the current EXTRACT statement. Correct and rerun the EXTRACT statement.

1.913 -26302

The aggregate function in the SELECT clause of the current EXTRACT statement is invalid. Correct and rerun the EXTRACT statement.

1.914 -26303

The GROUP BY clause in the current EXTRACT statement is invalid. Correct and rerun the EXTRACT statement.

1.915 -26304

The ORDER BY clause in the current EXTRACT statement is invalid. Correct and rerun the EXTRACT statement.

1.916 -26305

This is an internal error. Exit Data Extract and retry the option.

1.917 -26306

This is an internal error. Exit Data Extract and retry the option.

1.918 -26307

This is an internal error. Exit Data Extract and retry the option.

1.919 -26308

This is an internal error. Exit Data Extract and retry the option.

1.920 -26309

This is an internal error. Exit Data Extract and retry the option.

1.921 -26310

This is an internal error. Exit Data Extract and retry the option.

1.922 -26311

This is an internal error. Exit Data Extract and retry the option.

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1.923 -26312

This is an internal error. Exit Data Extract and retry the option.

1.924 -26313

This is an internal error. Exit Data Extract and retry the option.

1.925 -26314

This is an internal error. Exit Data Extract and retry the option.

1.926 -26315

This is an internal error. Exit Data Extract and retry the option.

1.927 -26316

There are no host sessions available at the moment. Resubmit your request. Make sure that the prior session or previously started processes have been terminated.

1.928 -26317

The driver scan code file, driver.dsc, cannot be found. Verify that the driver.dsc file exists in the path specified by the ANSAPI environment variable, or in the current directory if ANSAPI is not set. Copy the file from $INFORMIXDIR/etc, if necessary.

1.929 -26318

The message file, message.txt, is invalid or corrupted. Recopy the message file from $ INFORMIXDIR/etc to the path specified by the environment variable ANSAPI, or to the current directory if ANSAPI is not set.

1.930 -26319

The message file, message.txt, is invalid or corrupt. Recopy the message file from $INFORMIXDIR /etc to the path specified by the environment variable ANSAPI, or to the current directory if ANSAPI is not set.

1.931 -26320

This is an internal error. Exit Data Extract and retry the option.

1.932 -26321

This is an internal error. Exit Data Extract and retry the option.

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1.933 -26322

The message.txt or config.txt files cannot be found. Confirm that they exist.

1.934 -26323

The entry in the message.txt file, config.txt file, or parameter string is invalid. Correct the error.

1.935 -26324

The message.txt file, config.txt file, or parameter string contains an invalid parameter value. Correct the error.

1.936 -26325

The message.txt file, config.txt file, or parameter string contains an invalid option keyword. Correct the error.

1.937 -26326

The Stable Time parameter is missing from the host configuration file. Use the SETUP screen to set the Stable Time parameter.

1.938 -26327

The Lock Time parameter is missing from the host configuration file. Use the SETUP screen to set the Lock Time parameter.

1.939 -26328

The Host Environment parameter is missing from the host configuration file. Use the SETUP screen to set the Host Environment parameter.

1.940 -26329

The Answer/DB Invocation Code parameter is missing from the host configuration file. Use the SETUP screen to set the Answer/DB Invocation Code parameter. Consult your Answer/Extractor DBA to determine the Answer/Extractor invocation code.

1.941 -26330

The Answer/DB Profile Name parameter is missing from the host configuration file. Use the SETUP screen to set the Answer/DB Profile Name parameter. Consult your Answer/Extractor DBA to determine your Answer/Extractor profile name.

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1.942 -26331

The CICS Paging Code parameter is missing from the host configuration file. Use the SETUP screen to set the CICS Paging Code parameter. Consult your Answer/Extractor DBA to determine the CICS paging code.

1.943 -26332

The CICS Termination Code parameter is missing from the host configuration file. Use the SETUP screen to set the CICS Termination Code parameter. Consult your Answer/Extractor DBA to determine the CICS termination code.

1.944 -26337

This is an internal error. Exit Data Extract and retry the option.

1.945 -26338

This is an internal error. Exit Data Extract and retry the option.

1.946 -26339

This is an internal error. Exit Data Extract and retry the option.

1.947 -26341

This is an internal error. Exit Data Extract and retry the option.

1.948 -26342

This is an internal error. Exit Data Extract and retry the option.

1.949 -26343

This is an internal error. Either the host table does not contain the field listed in the SELECT clause, or the table does not contain any fields.

1.950 -26344

The value set in the Class parameter is out of range. Use the SETUP screen to correct the Class parameter.

1.951 -26345

The value in the Max Records to Process parameter or the Max Records to Retrieve parameter is out of range. Use the SETUP screen to correct the parameter.

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1.952 -26346

This is an internal error. Exit Data Extract and retry the option.

1.953 -26347

This is an internal error. Exit Data Extract and retry the option.

1.954 -26348

The result data selected by the SELECT clause in the current EXTRACT statement exceeds the allowed size on the host. Modify the EXTRACT statement to select less data. Rerun the EXTRACT statement.

1.955 -26349

This is an internal error. Exit Data Extract and retry the option.

1.956 -26350

This is an internal error. Exit Data Extract and retry the option.

1.957 -26351

The connect or disconnect script file cannot be read. Verify that the connect or disconnect script file has the correct permissions. Re-create it using the Scripter utility, if necessary.

1.958 -26352

Memory allocation error. Exit Data Extract and retry the option.

1.959 -264

The database server created a temporary file in the directory specified by the DBTEMP environment variable, (or /tmp by default on UNIX systems) but now it has encountered an error trying to write data into it. Check the accompanying ISAM error code, and look for operating system error messages that may give more information. Possibly there has been a hardware failure; possibly the disk is full. Since Version 5.01, the DBTEMP environment variable is used by the INFORMIX-SE database server but not by the INFORMIX-OnLine Dynamic Server.

1.960 -265

This error message is produced by at attempt to open an insert cursor. This database has a transaction log. In such a database, you must execute a BEGIN WORK statement before opening a cursor declared with an INSERT statement or with the FOR UPDATE clause. Revise the logic of your program so that it starts a transaction before opening the cursor.

If you want to ensure that the program works also in databases that do not have a transaction log, you can do so. Change the program so that, immediately after it executes the DATABASE statement, it saves the contents of the second element of the SQLAWARN array of warning flags in the SQL

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communications area. This will contain a space if the database does not use transactions, and the letter W if it does use them. At each point a transaction logically begins or ends, test the saved value and, if it contains a W, execute the transaction statement to begin or end a transaction.

1.961 -266

The current statement employs the WHERE CURRENT OF cursor-name clause, but that cursor has not yet been associated with a current row. Either no FETCH statement has been executed since it was opened, or else the most recent FETCH resulted in an error so that no row was returned. Revise the logic of the program so that a row is always successfully fetched before this statement is executed.

1.962 -267

The resources attached to the cursor named in this statement have been released with the FREE statement. Before the cursor can be

used the SQL statement associated with it must be prepared again.

If the cursor was declared FOR a statement, its DECLARE must be

re-executed. If it was declared FOR a statement id, the PREPARE statement must be executed again.

1.963 -268

During execution of this statement, a duplicate value was introduced into a column or columns that are protected by a unique constraint. The row with the duplicate value was not allowed into the table (not inserted or not updated). For OnLine database servers, any changes made by this statement prior to the discovery of the duplicate value have been rolled back. (The effects of preceding statements in the transaction, if there were any, remain in effect, however, and must be explicitly rolled back or committed.)

1.964 -269

This statement requests a new column that has the NOT NULL constraint. However, when a column is added to an existing tables, null values are precisely what have to be installed in the existing rows. You will have to define a new table including this column, then INSERT the data from the old table into it (providing some suitable nonnull values for this column).

1.965 -27

An operating system error code with the meaning shown was unexpectedly returned to the database server. Check the documentation for your operating system to find out what "too large" might mean in the context of the current operation.

1.966 -270

The database server created a temporary file in the directory specified by the DBTEMP environment variable, (or /tmp by default on UNIX systems), but now it has encountered an error trying to position (seek) within it. Check the accompanying ISAM error code, and look for operating system error messages that may give more information. Possibly there has been a hardware failure; possibly another user has truncated the file. Since Version 5.01, the DBTEMP environment variable

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is used by the INFORMIX-SE database server but not by the INFORMIX-OnLine Dynamic Server.

1.967 -27000

An application cannot use the CONNECT statement to make more than one connection that uses shared memory communication (IPC).

Ensure that the application makes only one shared memory connection at a time. If the application must use concurrent connections, the OnLine administrator might need to change the connection type (as specified in the nettype field of the sqlhosts file) from a shared memory connection to a network connection.

1.968 -27001

A network I/O error occurred when connecting to the desired database server. If using the INFORMIX-OnLine Dynamic Server, verify that the database server is still online. If using the INFORMIX-SE database server, verify that the sqlexecd daemon for the database server is still running. Also, verify that the $INFORMIXDIR/etc/sqlhosts file entry for the desired database server is correct. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.969 -27002

You are attempting to connect to a database server that is in quiescent mode. Verify that your INFORMIXSERVER environment variable is set correctly. Ask the OnLine administrator to bring the appropriate OnLine database servers to on-line mode.

1.970 -27003

The Informix client/server communication system has detected an internal inconsistency. Typically, this error is reported by a client application. It might be a memory corruption error due to a programming bug. If the error is reported by the database server or by a utility, it is an Informix internal error. When an Informix internal error occurs, note all circumstances and contact Informix Technical Support.

1.971 -27004

You specified an invalid option or parameter in your sqlhosts file. Check the option ID and parameter associated with servername in the sqlhosts file.

1.972 -27005

You specified an invalid sqlexecd daemon option. Check the option option_value and its parameter.

1.973 -27006

You have specified stream pipe (ipcstr) as the network communication type for this database server. The database server is not able to create the stream pipe. The most common cause of this

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error is that another database server on your network is already using the service name for this database server.

Make sure that the servicename field in the $INFORMIXDIR/etc/sqlhosts file is unique across all database servers on your network. If the service name is unique, check the accompanying ISAM code for additional error information.

1.974 -271

There are many possible causes for this problem, for example, a locked table or a full disk. Check the accompanying ISAM error code for more information.

1.975 -272

The person who created this table has not granted Select privilege to your account name nor to the public. Before you can select data from it, the owner of the table or the DBA must grant this privilege.

1.976 -273

The person who created this table has not granted Update privilege to your account name nor to the public. Before you can update a row in this table, the owner of the table or the DBA must grant the privilege.

1.977 -274

The person who created this table has not granted Delete privilege to your account name nor to the public. Before you can delete a row in this table, the owner of the table or the DBA must grant the privilege.

1.978 -275

The person who created this table has not granted Insert privilege to your account name nor to the public. Before you can insert a row into this table, the owner of the table or the DBA must grant the privilege.

1.979 -276

The cursor named in this statement has not been declared in the current session. The current session runs from the execution of a DATABASE statement to the next DATABASE or CLOSE DATABASE statement. Review the logic of the program to see that it executes the DECLARE for this cursor following the DATABASE statement.

This error message is not used by database servers after Version 5.01.

1.980 -277

This UPDATE WHERE CURRENT OF cursor statement refers to a table which is not the same as the table referenced by the SELECT statement declared with the cursor. Review the program logic to make sure that, when updating through a cursor, it only updates the table the cursor is reading.

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1.981 -278

This SELECT statement calls for ordering on more columns than the database server can support. The limit depends on the database server in use, but all can handle sorting on as many as eight columns. Revise the statement to order on fewer columns. (This message is not current. Products at Version 4.0 and after have no arbitrary limit on the number of ORDER BY columns. Very complex sorts may cause the database server to run out of memory or disk space while carrying out the sort operation.)

-278 Cannot rollback savepoint.

This is an internal error that can be detected in products starting with Version 4.1. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.982 -279

This statement names one or more of the database-level privileges (CONNECT, RESOURCE, and DBA), but it also uses the ON table-name clause. The database level privileges must be granted or revoked in a statement that does not mention a particular table (does not contain the ON clause). The table-level privileges such as INSERT do require an ON clause, so the two kinds cannot be mixed in the same statement.

1.983 -28

An operating system error code with the meaning shown was unexpectedly returned to the database server. Either a database table or an ASCII output file has probably filled the available disk space. Look for other operating-system error messages that might give more information.

1.984 -280

Somewhere in this statement there is a character literal that exceeds the maximum allowed. Inspect the statement, checking the punctuation and length of all quoted strings. Possibly two quotes are missing, making a long string out of two short ones. If you intended to use a string of this length, you will have to revise the statement. There is no means for writing such a long character string in an SQL statement.

1.985 -2800

Aside from comment lines, a form specification must begin by naming a database. Review the file for punctuation and spelling errors. Refer to the reference manual for this product for the options allowed in the DATABASE statement. (This message is not currently used. It may be encountered with products of Version 4.0 or earlier.)

1.986 -281

Check the accompanying ISAM error code to find out the specific problem, and look for operating system error messages that may give more information. Possibly the disk is full.

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1.987 -2810

This name, which was found in the DATABASE statement at the start of the form specification, is not a database that can be found. Unless you are using OnLine, the database must reside either in the current directory or in a directory named in the DBPATH environment variable.

1.988 -2811

The application is attempting to create a temporary table in the database or some other temporary file and received an error code from the database server. The most probable cause is a lack of disk space. Look for other error messages, including operating system messages, that may give more information.

1.989 -2812

The application created and filled a temporary table in the database or created and filled some other temporary file, but when trying to read rows from it, received an error code from the database server. The most probable cause is a hardware failure. Look for other error messages, including operating system messages, that may give more information.

1.990 -282

Inspect the current statement, examining the punctuation of all quoted strings. Possibly the intent was to include the quote character in a literal string. The way to do that is to use single apostrophes as string delimiters, as in this example.

```
SELECT ',fname,' "'", lname, "'" FROM customer
```

1.991 -2820

In this line of the SCREEN section of a form specification there is a field indicated by square brackets; however there should be a simple name written within the brackets and there is not: there is either nothing but spaces, or an invalid name. Review the punctuation of the line; make sure there is only a simple identifier between brackets.

1.992 -283

Inspect the current statement, examining the punctuation of comments and quoted strings. Comments may be inserted into SQL statements using curly braces, but the braces must be balanced. Alternatively, comments may be appended to the end of a line by using the double-hyphen.

1.993 -2830

A screen field may not span lines. Review the SCREEN section to make sure all fields are properly marked. To create a multiline field, mark off multiple complete fields all with the same field tag.

1.994 -2831

There are too many columns or tables listed in the OF clause of this control block. You will have to write separate control blocks, each for part of the list.

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1.995 -2832

Make sure that there is a DELIMITERS statement and that it specifies the same character for both left and right delimiters.

1.996 -2834

This ATTRIBUTES statement contains a DEFAULT clause specifying NULL. Either delete the clause or specify another value.

1.997 -284

A subquery that is used in an expression in the place of a literal value must return only a single row and a single column. In this statement, there is a subquery that has returned more than one row, and the database server cannot choose which returned value to use in the expression. There are two ways to be sure that a subquery will always return a single row. One is to use a WHERE clause that tests for equality on a column that has a unique index. The other is to select only an aggregate function. Review the subqueries and make sure they can return only a single row.

This error can also occur when you use a singleton select to retrieve multiple rows. You must use the DECLARE/ OPEN/ FETCH series of commands, or the EXECUTE INTO statement, to retrieve multiple rows.

1.998 -2840

The indicated name appears at the left of this ATTRIBUTES statement, but it does not appear within brackets in the SCREEN section. Review the field tags that have been defined to see why this one was omitted.

1.999 -2841

Review the form specification file to make sure it contains a DATABASE statement, a SCREEN section, a TABLES section, and an ATTRIBUTES section in that order.

1.1000-2843

A name in this ATTRIBUTES statement should have been defined previously in the form specification. Review the spelling of all names in the statement and make sure they are properly defined.

1.1001-2844

Any one table column may be related to just one field in an ATTRIBUTES statement. Possibly you are trying to display columns from two or more tables which have the same column names; in that case, prefix the table names to the column names to distinguish them.

1.1002-2845

The presence of an index can reduce the time needed to join tables manyfold. However an index is not essential, especially when the tables are small, or during initial testing.

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1.1003-2846

Something in this statement suggests that the name shown is part of this table, but that is not true in the current database. Review the spelling of the two names. If they are as intended, make sure the correct database is in use and that the table has not been altered.

1.1004-285

The cursor used in this statement has not been properly declared or prepared, or else it has been released with the FREE statement. Review the program logic to ensure that the cursor has been declared. If so, and if the DECLARE statement refers to a statement id, make sure that the referenced statement has been prepared.

1.1005-2850

The tables specified in the TABLES section of the form do exist, but the column name, which is named in the ATTRIBUTES section, does not. Check its spelling against the actual table. The table may have been altered or the column may have been renamed. You can use INFORMIX-SQL to check column names under the Tables menu, Info selection.

1.1006-2856

The TODAY function (not attribute) returns the value of today's date. That value may only be assigned to a field having the DATE or DATETIME data type. The field in this statement has a different type. Automatic data conversion is provided in 4GL programs, but not in the context of a form.

1.1007-2857

This statement defines a join list, a list of two or more column names related to the same form field. In such lists, an asterisk preceding a column name indicates that column is the dominant column in a verify join. Only one such column is allowed in any join, but in this list there are two or more. Review the documentation on verify joins and choose a single dominant table.

1.1008-2858

You have defined two or more different joining columns between the two indicated tables. However, there is not a composite index on the joining columns. Such an index is required to ensure that a composite key exists, that is, that any combination of values from the joining columns will occur only once. Review the two or more ATTRIBUTES statements that define join columns for these two tables. Make sure they are as you intended; for example, make sure that you intended to join two tables on two or more columns, instead of joining three or more tables on one column each. If you intended the composite key, then use the CREATE INDEX command to create a composite unique index on those columns for at least table1.

1.1009-2859

Two or more tables named in the TABLES section have columns with the name shown. You must make it clear which table you mean. The way to do this is to write the table name as a prefix of the column name, as table.column. Do this wherever this name is used in the form specification.

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1.1010-286

A column that is part of a primary key cannot have null as its default value.

1.1011-2860

This statement assigns a value to the field with the DEFAULT clause, or uses its value with the INCLUDE clause, but does so with data that does not agree with the data type of the field. Review the data type of the field (which comes from the column it is associated with) and make sure that only compatible values are assigned.

1.1012-2861

There is a limit on the number of tables that may be in use at one time. (This limit may be different on different host systems or with different database servers.) You will have to reduce the number of tables used in the form.

1.1013-2862

All tables used in a form must exist at the time the form is compiled, so that the compiler can verify the data types of the columns. The indicated table does not exist in the database named in the form. Check the spelling of the table name and database name. If they are as intended, either you are not using the version of the database you expected (check the value in the DBPATH environment variable) or the database has been changed.

1.1014-2863

The tables specified in the TABLES section of the form do exist, but the column- name, which is named in the ATTRIBUTES section, does not. Check its spelling against the actual table. The table may have been altered or the column may have been renamed. You can use INFORMIX-SQL to check column names under the Tables menu, Info selection.

1.1015-2864

The indicated table is used in this statement but is not defined in the TABLES section of the form specification. Check its spelling; if it is as you intended, then add the table in the TABLES section.

1.1016-2865

Something in this statement implies that the column shown is part of the indicated table (most likely the statement refers to table-name.column). However, it is not defined in that table. Check the spelling of both names. If they are as you intended, then check the contents of the database; possibly the table has been altered or the column renamed.

1.1017-2866

This message is not in use in any current product. There is no NOW attribute or function supported by SQL; use the CURRENT function.

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1.1018-2867

The CURRENT function (not attribute) produces the current date and time as a DATETIME value. The field referenced in this statement, however, does not have the DATETIME data type. Automatic data conversion is not supported in this context. Review the statement to make sure it refers to the field you intended, and revise the form to assign DATETIME values only to DATETIME fields.

1.1019-287

A column of data type SERIAL cannot be added to an existing table. The reason is that such columns may not contain null values, but when adding a column, the database server must put null values in all existing rows. You can add a serial column in three steps, as follows. First add the column with a data type of INTEGER. Then update the table putting non-null, unique values in each row of the new column. Finally, use ALTER TABLE MODIFY to change the data type of the column to SERIAL.

1.1020-2870

This attribute statement relates a substring of a column to a display field. However, either the substring numbers are wrong (the first less than 1 or greater than the size of the column, the second less than the first) or else they are correct but the number of characters they select is different from the size of the display field. Revise the substring numbers to select exactly as many characters as the field requires.

1.1021-288

This UNLOCK TABLE statement names a table that has not been locked. If you locked the table earlier, it has already been unlocked. Tables are unlocked automatically when a transaction ends or when the database is closed. If the table was locked by another user, you cannot unlock it.

1.1022-2880

Every form specification must end in the keyword END and must contain the keyword SCREEN. Both must begin in the first column of a line. Review the contents of the form specification and make sure it has all the necessary sections properly marked.

1.1023-289

The table is already locked in exclusive mode. You will have to wait for the table to be unlocked before proceeding.

1.1024-2890

Each screen layout must be enclosed in braces ({ }). The open-brace must be the first character on its line. Review the form specification to make sure the screen layout is properly punctuated.

1.1025-2892

The expected way to display the same column in two or more places is to put two or more fields in the screen layout, each having the same tag-name. Then put a single statement in the ATTRIBUTES

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section to associate that tag-name with the column name. The current column value will be duplicated in all fields. If you intended to display different columns, the column names as listed in the ATTRIBUTES section must differ. If you intend to display different columns which happen to have the same column-names, prefix each with its

table-name.

1.1026-2893

You may put multiple copies of a field in the screen layout (all will display the same column) but all copies must be the same length. Review the SCREEN section to make sure that, if you intended to have multiple copies of one field, all copies are the same.

1.1027-2895

The size of the character field defined in this statement (as shown by its appearance in the SCREEN section) is different from the size of the associate column. You asked for warnings of this type by specifying the -v option to the form compiler.

1.1028-29

An operating system error code with the meaning shown was unexpectedly returned to the database server. Look for other operating-system error messages that might give more information, such as on which the device the error occurred. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.1029-290

This statement attempts to update using a cursor that was not declared for update. The database server does not allow this; it is both a security measure designed to prevent program errors and a performance feature. In order to use a cursor with the UPDATE or DELETE statements you must declare it for update. Review the program logic to make sure the intended cursor is used in this statement.

1.1030-29000

A generic application server error. Examine the original foreign SQLCODE. It can be found in either SQLERRD[1] or as part of SQLERRM. Look up the explanation for this SQLCODE in the documentation for the foreign server product. Apply the token(s) (if any) returned in the SQLERRM field to the explanation.

1.1031-29002

A mismatch was detected between the user-supplied real-RDB-name and the real-RDB-name that was derived from the user-supplied alias-RDB-name using the sqlhosts file.

Check the spelling of the user-supplied real-RDB-name. Ensure that the user supplied alias-RDB-name is the correct one. Check the real-RDB-name column (the servicename field) in the sqlhosts file for the alias-RDB-name entry and make sure it is spelled correctly.

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1.1032-29003

Although a communication conversation has been allocated, the application server refused to connect because it has a real-RDB-name that is different from what the application would like to connect to.

Examine the sqlhosts file on the Gateway machine. Identify the entry with the alias-RDB-name that the application is referring to. Ensure that a correct value has been entered in the hostname field.

1.1033-29004

A DRDA protocol error prevents the successful execution of the current SQL statement. This error will not affect the successful execution of subsequent SQL statements.

A DRDA internal Distributed Data Management (DDM) reply message (RM) was received from the application server indicating an error has occurred. This indicates an error was detected by the application server, or possibly, by the application requestor (AR).

A hex codepoint and possibly a hex sub-code are returned as a token in SQLERRM.

To interpret the hex codepoint and the hex sub-code requires DDM knowledge.

The hex codepoint is the two-byte hex codepoint for the DDM reply message that represents the error and is one of the following:

- X'220A' -- DSCINVRM
- X'124C' -- SYNTAXRM
- X'1245' -- PRCCNVRM
- X'1254' -- CMDCHKRM
- X'220E' -- DTAMCHRM
- X'2202' -- QRYNOPRM
- X'220F' -- QRYPOPRM
- X'2207' -- RDBACCRM
- X'2204' -- RDBNACRM

A 2-byte hex sub-code is accompanied with the first three reason codes (DSCINVRM, SYNTAXRM, and PRCCNVRM). In all other cases, the sub-code is zero.

When nonzero, the high-order byte of the sub-code indicates the site at which the error was detected. If the AR detects the error, it is X'01. If the application server detects the error, it is X'02'. The lower-order byte is as follows:

- Description Error Code (DSCERRCD) if reason code = DSCINVRM
- Syntax Error Code (SYNERRCD) if reason code = SYNTAXRM
- Conversational Protocol Error Code (PRCCVNCD) if reason code = PRCCNVRM

Notify the DBA for assistance in analyzing the SQL statement that yielded this SQLCODE. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.1034-29005

A DRDA protocol error caused deallocation of the conversation.

A DRDA internal Distributed Data Management (DDM) reply message (RM) was received from the

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application server indicating an error has occurred. This indicates an error was detected by the application server, or possibly, by the application requestor (AR).

A hex codepoint and possibly a hex sub-code are returned as a token in SQLERRM.

To interpret the hex codepoint and the hex sub-code requires DDM knowledge.

The hex codepoint is the two-byte hex codepoint for the DDM reply message that represents the error and is one of the following:

- X'220A' -- DSCINVRM
- X'124C' -- SYNTAXRM
- X'1245' -- PRCCNVRM
- X'1218' -- MGRDEPRM
- X'1232' -- AGNPRMRM
- X'1254' -- CMDCHKRM
- X'220E' -- DTAMCHRM
- X'2202' -- QRYNOPRM
- X'220F' -- QRYPOPRM
- X'2207' -- RDBACCRM
- X'2204' -- RDBNACRM

A two-byte hex sub-code is accompanied with the first four reason codes (DSCINVRM, SYNTAXRM, PRCCNVRM, and MGRDEPRM). In all other cases, the sub-code is zero.

When nonzero, the high-order byte of the sub-code indicates the site at which the error was detected. If the AR detects the error, it is X'01. If the application server detects the error, it is X'02'. The lower-order byte is as follows:

- Description Error Code (DSCERRCD) if reason code = DSCINVRM
- Syntax Error Code (SYNERRCD) if reason code = SYNTAXRM
- Conversational Protocol Error Code (PRCCVNCD) if reason code = PRCCNVR
- Manager Dependency Error Code (DEPERRCD) if reason code = MGRDEPRM

Notify the DBA for assistance in analyzing the SQL statement that yielded this SQLCODE. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.1035-29006

The connect process failed.

The application server cannot support a DRDA manager level the AR requested during the DRDA connection process.

The hex codepoint of the manager (MGRLVL) and the hex codepoint of the level requested are returned as a token in SQLERRM.

Attempt to connect to the application server again. If the problem persists, notify the DBA for assistance. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

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1.1036-29007

The user is not authorized to access the target RDB. The request is rejected.

Contact the DBA of the RDB side if necessary. Correct the authorization problem and rerun the application program.

1.1037-29008

An unsupported DDM parameter is encountered.

The remote RDB received an unsupported/unrecognized DDM parameter. The current SQL statement is terminated. The application is disconnected from the application server.

The hex codepoint of the DDM parameter in question is returned as a token in SQLERRM.

To interpret the hex codepoint of the DDM parameter requires DDM knowledge.

Attempt to rerun the application again. If the problem persists, notify the DBA for assistance in analyzing the SQL statement that yields this SQLCODE. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.1038-29009

The remote RDB received an unsupported/unrecognized parameter value for a DDM parameter. The current SQL statement is terminated. The application is disconnected from the application server.

The hex codepoints of the DDM parameter and the parameter value in question are returned as a token in SQLERRM.

To interpret the hex codepoints of the DDM parameter and the parameter value requires DDM knowledge.

Attempt to rerun the application again. If the problem persists, notify the DBA for assistance in analyzing the SQL statement that yields this SQLCODE. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.1039-2901

This statement contradicts itself. The UPSHIFT and DOWNSHIFT attributes cannot be applied to the same field; nor can NOENTRY and REQUIRED or NOETNRY and VERIFY. Review the statement and correct the selection of attributes.

1.1040-29010

The Gateway received an unsupported/unrecognized DDM reply message. The current SQL statement is terminated. The application is disconnected from the application server.

The hex codepoint for the received DDM reply message is returned as a token in the SQLERRM.

To interpret the hex codepoint of the DDM reply message requires DDM knowledge.

Attempt to rerun the application again. If the problem persists, notify the DBA for assistance in analyzing the SQL statement that yields this SQLCODE. If the error recurs, please note all

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circumstances and contact the Informix Technical Support Department.

1.1041-29011

An Informix communication-related SQLCODE and a hex native SNA service return code are returned as a token in SQLERRM.

The Informix communication-related SQLCODE is a platform-independent return code generated by the Informix communication adaptation service. Refer to the explanation of this SQLCODE for a more specific description of the error.

The native SNA service return code is a return code generated by the local SNA service that provides the SNA support on each particular platform. Refer to the manufacturer's documentation for the SNA support that provides the underlying communication service for explanation of this return code.

Ensure that the native SNA/APPC service is installed correctly. Check if all the required SNA daemon processes (if any) are running. Also check if the connection file for the target RDB is set up correctly. In a Sun environment, also check if the Sun APPC Gateway is set up correctly.

1.1042-29012

A prepared statement is no longer valid because the schema of the table(s) that it references has changed. You must re-prepare the statement.

1.1043-29013

Resource not available at the remote RDB. The current SQL statement is terminated.

The Reason, ResourceType, ResourceName, ProductID, and RDBname are returned as a token in SQLERRM.

Verify the identity of the resource that was not available. Ensure the application server has the resource needed.

1.1044-29014

Resource not available at the remote RDB. The application is disconnected from the application server.

The Reason, ResourceType, ResourceName, ProductID, and RDBname are returned as a token in SQLERRM.

Verify the identity of the resource that was not available. Ensure that the application server has the resource needed. Rerun the application.

1.1045-29015

A remote execution of SQL statement or a remote command was attempted while a remote bind was in progress. The only commands allowed during bind are Bind, End Bind, Rollback, or Commit statement.

This is a Gateway internal logic error.

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The DDM command in question is returned as a token in SQLERRM.

Applications from end users should not go into bind mode. The only time a package bind should occur is the package-bind process in the gwdba utility. Rerun the application. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.1046-29016

Binding of a statement or End Bind was attempted with specific package name and consistency token while the package was not undergoing bind process.

This is a Gateway internal logic error. Try the application again. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.1047-29018

The application server does not support the DDM command. This error causes termination of processing of the command. The application is also disconnected from the application server.

The SQLERRM contains the hex codepoint of the DDM command in question.

Rerun the application. If the problem persists, notify the DBA for assistance in analyzing the SQL statement that yielded this SQLCODE. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.1048-29019

The application server does not support the DDM object. The processing of the current SQL statement is terminated. The application is disconnected from the application server.

The SQLERRM contains the hex DDM codepoint of the object type in question.

Attempt to run the application again. If the problem persists, notify the DBA for assistance in analyzing the SQL statement that yielded this SQLCODE. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.1049-29030

This feature is not supported by the Gateway product. (For example, Informix-specific SQL statements or Informix-specific data types are not supported by the Gateway.) The feature not supported is returned as a token in SQLERRM.

Correct the application and do not use any feature that cannot be supported by the Gateway on SQL statements that will go through the Gateway during execution.

1.1050-29031

The Add-table and Purge-table options of the gwdba utility for adding and purging tables and views from the Informix catalog on an application server require a file of table and view names as input. The listed table or view name (objname) has an invalid format. The format of table and view names in the file must be as shown in the following format:

owner . tabname

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1.1051-29032

The Gateway is required to perform outbound character codeset conversion for this client's operating system locale, but the Gateway could not determine the CCSID(s) of the application server.

Notify the administrator of the Gateway. The administrator must set the GWASCCSID environment variable to match the single-byte CCSID of the application server. If network mode is being used, the Gateway administrator must stop and restart the Gateway daemon after setting the GWASCCSID environment variable. The Gateway administrator must then connect to the application server using either a CONNECT statement or a DATABASE statement. This connection captures all the CCSIDs in the cache file $INFORMIXDIR/gw/sysinfo/prnccsid.dat.

1.1052-29033

localename	The name of the Informix GLS locale that could not be loaded. The value for localename must be of the format language_territory.codeset.
errno	A number indicating the specific reason that the Informix GLS locale could not be loaded.
locale-file-name	The subdirectory and filename (for example, /en_US/0333.lco) of the Informix GLS locale file that could not be loaded.
language	A two-letter lowercase abbreviation for the language name.
territory	A two-letter uppercase abbreviation for the territory name.
codeset	The name of the character code set for the locale.

Valid values for the codeset field are registered in the $INFORMIXDIR/gls/cm/REGISTRY file. The values are character strings that describe the code set. However, if a codeset field value is an integer in the range from 1 to 65535, it is an acceptable value even if it is not in the REGISTRY file.

An attempt to load the Informix GLS locale specified by *localename* failed for the reason indicated by *errno*, as follows:

6 - The locale specification localename is in a bad format.

The Enterprise Gateway administrator must correct this specification.

7 - The locale file specified by *locale-file-name* does not exist.

If the appropriate directory (see the following paragraph) does not contain the locale file specified by the subdirectory and filename in locale-file-name, this Informix GLS locale is not available. Read your Informix product documentation to make sure that the Informix GLS localename has been specified correctly (using environment variables or other mechanisms described in the documentation). The Informix GLS localename might be incorrectly specified or might be equivalent to another Informix GLS locale that is available.

If the subdirectory and filename specified by locale-file-name exist, verify that your product was installed correctly so that the Informix GLS locale file can be located. Specifically, ensure that the GL_PATH environment variable is set (or not set) according to the Gateway installation instructions.

If **GL_PATH** is not set, verify that the subdirectory and file specified by *locale-file-name* are in the **$INFORMIXDIR/gls/lc** directory.

If **GL_PATH** is set, verify that the subdirectory and filename specified by *locale-file-name* are in one of the directories specified by the **GL_PATH** environment variable.

10 - The locale file specified by locale-file-name is not a locale file.

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The locale file specified by locale-file-name is not an Informix GLS locale file, or it has been corrupted. Make sure you are using the locale file supplied by your Informix product supplier. Refresh the file from the original installation file if it has been corrupted.

11 - The locale object is inconsistent.

The locale object is not consistent. For example, the same code set is not being used in each locale category. Contact your Informix product supplier for assistance.

Any other errno: Contact your Informix product supplier for assistance.

1.1053-29034

The character codeset conversion failed while convertig a character string from the codeset identified by from-cs-num to the codeset identified by to-cs-num.

cftype	The conversion failure type.
from_cs_num	The codeset number for the input codeset. Check your Informix product documentation for a description of the codeset identified by this codeset number.
objtype	The type of object being converted.
position	The ordinal position of the value being converted.
to_cs_num	The codeset number for the output codeset. Check your Informix product documentation for a description of the codeset identified by this codeset number.

The following are the possible cftype values:

- If cftype is "unmapped input char"(cpstring), the input character did not exist in the output codeset and the conversion table did not define a substitute output character for the input character. The cpstring value shows the input character string for a length of up to 4 bytes, starting with the codepoint that could not be converted. cpstring represents the binary value of the codepoint byte(s) as a hex string (for example, 'c1c3d1f0').

  There are two possible causes for this failure type:

  The character data being converted is bad. Correct the character data being converted.

  The codeset conversion table is incorrect or incomplete. Contact your Informix software distributor for assistance.

- If cftype is "bad form," the input character string was badly formed with respect to the shift-out and shift-in codepoints that delimit the internal codesets contained within the codeset identified by codeset number from_cs_num.

  For this failure type, correct the form of character data being converted.

- If cftype is "too long," the length of the output string was longer than the internal buffers allocated to hold the output string. If the objtype is "output," the output value was longer than the maximum length of a CHAR data type.

  For this failure type, shorten the input character data being converted.

The following are the possible objtype values:

- If objtype is "input," an input value from the application, such as an SQL statement or an input host variable value, was being converted.
- If objtype is "output," an output value from the database, such as a field or expression from a SELECT statement's select list, was being converted.
- If objtype is "sqlda," an sqlname field in the output SQLDA was being converted.
- If objtype is "sqlca," a character field in the SQLCA was being converted.

The following are the possible meanings of position. The meanings depend on the value of

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objtype:

- If objtype is "input" and position is 0, the text of the input SQL statement could not be converted.
- If objtype is "input" and position is not 0,the position refers to the ordinal position of the input host variable value that could not be converted. For example, 2 means that the value of the second input host variable could not be converted.
- If objtype is "output" and position is any value, the position is the ordinal position of the output value that could not be converted, such as the 3rd value in the select list of a SELECT statement.
- If objtype is "sqlda" and position is any value, the position is the ordinal position of the sqlname field in the SQLDA that could not be converted.
- If objtype is "sqlca," the position names the specific SQLCA field that could not be converted: sqlerrp, sqlwarn, sqlerrmc, or

sqlstate•

1.1054-29035

The received data type is not compatible with or supported by the Gateway. (For INFORMIX-Gateway *with DRDA*, the data type received from the application server is not supported by the application requestor.)

Some examples of unsupported data types are 1-byte integer and 16-byte float. These data types are not supported by Informix.

Do not retrieve data from the columns that have data types that INFORMIX-Gateway cannot support.

1.1055-29036

filename	The filename of the codeset conversion file that could not be found.
from_cs_num	The codeset number for the source codeset.
to_cs_num	-The codeset number for the target codeset.

A codeset conversion table to convert from the codeset identified by from_cs_num to the codeset identified by to_cs_num was not found. Consult your Informix product documentation to find descriptions for the codesets identified by these codeset numbers.

If the appropriate directory (see next paragraph) does not contain the codeset conversion file named filename, this codeset conversion cannot be performed. Check your Informix product documentation to make sure that the codesets used by the client and server products have been specified correctly (using environment variables or other mechanisms described in the documentation). Perhaps the codeset numbers have been incorrectly specified or are equivalent to other codeset numbers that are supported.

If the codeset conversion table exists, verify that your product was installed correctly so that the conversion table file can be located. Specifically, ensure that the GL_PATH environment variable is set or not set according to the installation instructions.

- If GL_PATH is not set, verify that the conversion table file is in the $INFORMIXDIR/gls/cv directory.
- If GL_PATH is set, verify that the conversion table file is in one of the directories specified by the GL_PATH environment variable.

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If the codeset conversion table does not exist, contact your Informix software distributor for assistance in determining what codeset conversion tables are required for your configuration. If the required codeset conversion tables are available, place the tables in the appropriate directory.

1.1056-29037

The locale in question is returned as a token in SQLERRM.

Notify the INFORMIX-Gateway administrator. The administrator can add an entry for the locale using the gwdba utility.

1.1057-29039

Modify the application so that it does not include more than one SQL statement in a PREPARE or EXECUTE IMMEDIATE statement.

1.1058-29040

The Gateway does not support and cannot translate one or more characters in the MATCHES condition of your SQL statement. Try to rewrite the statement to use LIKE instead of MATCHES condition syntax or to not include MATCHES wildcard characters such as [ ] and ? or *. Check also that you did not try to include a non-CHAR or VARCHAR column with MATCHES in the WHERE clause.

1.1059-29042

Gateway package information for the target RDB is not found. It appears that the necessary Gateway packages on the RDB have not been bound yet. The real_RDB_name of the target RDB is returned as a token in SQLERRM.

The end user should contact the DBA. If desirable, the DBA can use the gwdba utility to bind the needed Gateway packages on the target RDB.

1.1060-29043

All the available sections in the current package at the application server have been used up. The current SQL statement is terminated.

Notify the DBA. The DBA can rebind the Gateway packages with more sections on the target RDB using the gwdba utility.

1.1061-29044

An internal logic error has been encountered. Rerun the application. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.1062-29045

An internal logic error has been encountered. This error will cause deallocation of conversation.

Rerun the application. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

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1.1063-29046

The send buffer allocated by the Informix connectivity network module is less than the minimum DRDA required size, which is 512 bytes, or more than the maximum size, which is 32,767 bytes.

Check the sqlhosts file on the Gateway machine. If the send buffer size is configurable through the sqlhosts file, make sure the send buffer size is configured to be from 512 bytes to 32,767 bytes, inclusive.

1.1064-29048

An ISAM error occurred while reading data from an INFORMIX-Gateway ISAM setup file that is managed by the Gateway xxxdba utility. The name of the ISAM setup file in question and the ISAM error number are returned in SQLERRM.

If the Gateway was spawned by way of IPC-pipe mode, you must ensure that the INFORMIXDIR environment variable was set correctly before the application starts. Otherwise, notify the DBA.

- The DBA for INFORMIX-Enterprise Gateway must ensure that the $INFORMIXDIR/egw/sysinfo directory exists with the proper permissions and that the ISAM setup files are present in that directory. If an INFORMIX-Enterprise Gateway setup file is missing or corrupted, run egwdba to create it or run the bcheckegw utility to repair it.

  If INFORMIX-Enterprise Gateway was spawned by way of network mode (that is, by the daemon egwd), the DBA also must ensure that the INFORMIXDIR environment variable was set correctly in the root login when the egwd daemon was started.
- The DBA for INFORMIX-Gateway with DRDA must ensure that the $INFORMIXDIR/gw/sysinfo directory exists with the proper permissions and the ISAM setup files are present in that directory. If a Gateway setup file is missing or corrupted, run gwdba to create it or run the bcheckgw utility to repair it.

  If the Gateway was spawned by way of network mode (that is, by the daemon gwd), the INFORMIX-Gateway with DRDA DBA also must ensure that the INFORMIXDIR environment variable was set correctly in the root login when the gwd daemon was started.

1.1065-29049

If you are using IPC-pipe mode to start the Gateway process, you should ensure that the INFORMIXDIR environment variable was set correctly before the application starts.

- For INFORMIX-Gateway with DRDA:

  An error occurred while locating or opening a Gateway ISAM setup file that is managed by the gwdba utility. The name of the ISAM setup file causing the error is returned in SQLERRM.

  If you are using network connections, the INFORMIX-Gateway with DRDA database administrator must ensure that the named file exists in the $INFORMIXDIR/gw/sysinfo directory. If the file is missing, run gwdba to create it. The DBA also must ensure that the INFORMIXDIR environment variable was set correctly at the time that the gwd daemon was started.
- For INFORMIX-Enterprise Gateway:

  An error occurred while locating or opening an INFORMIX-Enterprise Gateway ISAM setup file that is managed by the egwdba utility. The name of the ISAM setup file causing the error is returned in SQLERRM.

  If you are using network connections, the INFORMIX-Enterprise Gateway DBA must ensure that the named file exists in the $INFORMIXDIR/egw/sysinfo directory. If the file is missing, run egwdba to create it. The DBA also must ensure that the INFORMIXDIR environment variable

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was set correctly at the time that the egwd daemon was started.

1.1066-29050

The Gateway encountered an error while accessing catalog information for the object Object-name. The Gateway sends this catalog information to the coordinating OnLine server while processing a distributed query.

Several errors that might occur during catalog access can cause this message. Orig-code is the error code for the underlying error, and Orig-Msg is the message token associated with that error code. Sub-code is an Informix internal code in hex that indicates which catalog access query failed and in which stage of query processing it failed. This is a diagnostic information field meant for the Informix Technical Support Department.

Although the error message token may be truncated through programmatic access, the entire message is logged in the Gateway log file gw.log in the directory $INFORMIXDIR/gw/log.

1.1067-29051

INFORMIX-Enterprise Gateway does not support two-phase commit. If any remote server accessed by the Gateway is an update site in a transaction, that site must be the only update site in the transaction. All other sites, including OnLine sites, must be read-only. Change the application to update only one remote site per transaction. (However, if the sites in a transaction are all read-only, any number of OnLine sites can be updated in the same transaction).

1.1068-29052

INFORMIX-Enterprise Gateway, each Gateway instance can connect to only one remote server. The application probably has a query that specifies the same dbservername to access objects from more than one remote server. If you are using the Gateway in distributed mode, start one Gateway daemon (each using a unique dbservername) for each remote server and change the query to use different dbservernames to refer to objects from different remote servers.

-29052 Gateway cannot access the RDB with alias_RDB_name alias-RDB-name.

For INFORMIX-Gateway *with DRDA*, each Gateway instance can connect to only one RDB (application server). The application probably has a query that specifies the same dbservername to access objects from more than one RDB. If you are using the Gateway in distributed mode, start one Gateway daemon (each using a unique dbservername) for each RDB and change the query to use a different dbservername to refer to objects from different RDBs.

1.1069-29053

Any distributed query referencing an OS/400 object must specify the OS/400 collection or library to which the object belongs. The collection or library name should be specified in the owner field of the complete object name database@dbservername:owner.object. The collection or library name is required to get catalog information for the specified Object in a given collection or library.

1.1070-29055

In a distributed query, data definition statements and the data access statements GRANT and REVOKE on remote objects (such as objects at DRDA application server sites) are not allowed by INFORMIX-

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Gateway. These statements can be used by applications only when they use the Gateway in direct mode.

1.1071-29056

An error occurred while a remote distributed update was in progress. Because INFORMIX-Gateway cannot undo the effects of the partial update, the application must terminate the current transaction with a COMMIT WORK or ROLLBACK WORK statement, both of which roll back the currently active transaction. Any other statement in the current transaction also will fail with this error code.

1.1072-29057

The Gateway does not support access to DB2 remote aliases in distributed queries. An alias is a remote alias if it is defined for an object that is not on the same server where the alias is defined.

Remote-object-name is the three-part object name (in the format LOCATION.OWNER.OBJECT) to which the remote alias refers.

1.1073-29060

The SQL statement has failed because of an EDA error. The EDA error returned by the EDA client or server is described in EDA_E*rror*.

The format of the EDA_Error field is as follows:

```
[EDA_Error_Code EDA_command] EDA_message_text
```

- EDA_Error_Code is the EDA numeric error code.
- EDA_command is the EDA API/SQL command issuing the error.
- EDA_message_text is the EDA message text associated with the error.

Look up the error in your EDA documentation from Information Builders, Inc., and correct the problem.

1.107429061

The SQL statement has executed successfully, but the EDA client or server issued a warning . The EDA_warning field contains the warning information.

The format of the EDA_warning field is the same as for the EDA_Error field described for error message -29060. See ”Informix Gateway Errors” on page 472.

1.1075-29062

The EDA client or server has prompted the Gateway to respond to a message. The Gateway does not support EDA operations that require responses to prompt messages. For example, an EDA Remote Procedure might prompt the user for input. These types of operations are not supported.

1.1076-29063

The description of the output data for the query returned at prepare time is different than the description returned at execute time. The description of the output data returned at prepare time is derived from the catalogued information about the objects (for example, tables or remote

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procedures) in the query. This error usually occurs because the catalogued information about the object is out of date.

If the object is not catalogued, or if it has changed since it was last catalogued, the object must be (re-)catalogued using the EDASAF catalog panels. If Informix-style system catalog tables are being used at the EDA/SQL Server, the Informix-style system catalog tables also must be repopulated, using the egwdba utility, after the EDA system catalog tables have been updated, using EDASAF.

1.1077-29064

The output EDA data type received by the Gateway is an unknown EDA type. An unknown data type might be received if the Gateway is connected to an EDA/SQL Server at a release level that the Gateway does is not support. If the Gateway does support this release level, this is an internal error either for the EDA products being used or for the Gateway.

1.1078-29065

You used a parameter marker for at least one of the input parameter values in the dynamic EXECUTE PROCEDURE statement that is being prepared. Parameter markers are not supported for input parameters in EXECUTE PROCEDURE statements processed by the Gateway. Rewrite your application to avoid the use of input host variables as input parameters to the EXECUTE PROCEDURE statement.

1.1079-29066

The .netrc file contains an entry that maps from the current user-ID (userid) to a new user-ID that will be sent to the remote server or data source. In this case, the new user-ID is different from the current user-ID, but there is no password specified to be sent with the new user-ID to the remote server or data source. This error occurs because the new user-ID has not been authenticated by the Gateway, and the remote server or data source cannot authenticate the new user-ID without a password. Sending the new user-ID without a password implies to the remote server or data source that the Gateway has authenticated the new user-ID (which the Gateway has not done).

1.1080-29067

The EDALINK.CFG file could not be accessed for the reason stated. When the reason is of the form name: number, the number indicates the operating system error while accessing a file or directory with the specified name. Usually, the failure occurs because the EDALINK.CFG file is not in the Gateway $INFORMIXDIR/etc directory. The EDALINK.CFG file is an EDA/Link configuration file that is required to connect to an EDA/SQL Server. Please consult your EDA/Link documentation to determine the contents of the file.

1.1081-29068

In the row being fetched, a field value could not be decoded and converted into an Informix data value. Usually this occurs because the EDA/SQL Server could not convert the field value from its actual value in the underlying data source to its specified Master File Description (MFD) usage format. For example, if the usage format in the table MFD is I2 (integer value with a maximum field length of 2 characters), and the value of the field is 300, then the EDA/SQL Server cannot fit 300 into the specified two-character field length. In this case, the Gateway issues the error because the EDA/SQL Server has sent a sentinel value in place of the real field value. Make sure that the usage format field-length specifications in the MFD are long enough to hold the actual field values contained in your

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data. If this does not solve the problem, contact Informix Technical Support for assistance in tracing the data received from the EDA/SQL Server.

1.1082-29080

The target DBMS (Database Management System) to which the Gateway is connected has reported the error contained in the message_token. Refer to the documentation for the target DBMS to correct the problem.

The message_token has the following format:

```
[DBMS_Error_Code Sqlstate DBMS_Product_id] DBMS_Error_Message
```

DBMS_Error_Code	is the error code of the target DBMS.
Sqlstate	is the SQLSTATE associated with the error. For a list of SQLSTATE codes, see your ODBC documentation.
DBMS_Error_Code	is the error code of the target DBMS.
DBMS_Product_id	is the product id of the target DBMS.
DBMS_Error_Message	is the error message generated by the target DBMS. This message is truncated if the entire sqlerrm text is longer than 71 bytes.

The DBMS_Product_id in the message_token has the following format:

```
Product_Name:Product_Version
```

Product_Name	is up to the first five characters of the name of the target DBMS product as reported by the ODBC Driver for the product (specifically, the SQL_DBMS_NAME returned by the SQLGetInfo ODBC function).
Product_Version	is the first 10 characters of the version of the target DBMS product as reported by the ODBC Driver for the product (specifically, the SQL_DBMS_VER returned by the ODBC SQLGetInfo function). The Product_Version is a character string of the form nn.nn.nnnn, where the first two digits are the major version of the target DBMS, the next two digits are its minor version, and the last four digits are its release version (e.g., 03.01.0000). For example, an Oracle7 DBMS_Product_id might be Oracl:07.01.0000.

Tip: If the connection attempt to the target DBMS was not completely successful, then the DBMS_Product_id will be ":00.00.0000".

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1.1083-29082

In the row being fetched, the field value for the field numbered field-number could not be decoded and converted into an Informix data value. The field-number is the ordinal position of the field that could not be converted in the select list. This is an error in the ODBC Driver for the target DBMS. The field value which could not be decoded is written to the Gateway log file along with the Driver Name and Version information.

Contact your ODBC Driver supplier for a solution to the problem.

1.1084-29083

If this error code is received when a SET ISOLATION TO statement is executed, then the attempt to set the isolation level at the data source to a level compatible with the level in the statement has failed. The current isolation level in your application remains in effect.

If this error code is received when executing a distributed SQL statement, then the statement has failed because the data source does not support an isolation level that is compatible to the current isolation level of your application. The current isolation level in your application remains in effect.

A compatible isolation level is defined to be one that is equal to, or higher than, the requested (or current, if a distributed statement) isolation level. When the requested (or current) isolation level is supported at the data source, then the INFORMIX-Enterprise Gateway Manager sets the data source isolation level to that level. When the requested or current isolation level is not supported at the data source, if any higher levels are supported, then the INFORMIX-Enterprise Gateway Manager sets the data source isolation level to the next available higher level.

If a lower isolation level that is supported by the data source is acceptable to your application, set the isolation level to that lower level. If you are accessing the INFORMIX-Enterprise Gateway Manager in direct access mode, then use the GWDIRECTMIL environment variable to set the isolation level. If you are accessing the INFORMIX-Enterprise Gateway Manager in distributed access mode (through an OnLine), then issue the SQL statement SET ISOLATION TO prior to executing the distributed statement that accesses the Gateway.

1.1085-29084

Your application is connected to an OnLine database that supports transactions, but the data source being accessed in the statement does not support transactions. In this configuration, non-SELECT SQL statements (i.e., actual or potential write operations) cannot be issued to the data source.

This is a case where the data source does not have the capability to match the transaction characteristics of the coordinating OnLine database. A write operation cannot be guaranteed to be atomic on the data source (for example a write to a file might start successfully, but eventually fail because of running out of disk space, leaving the file partially modified). Also, a write operation cannot be rolled back after it has been performed on the data source. For these reasons, write operations are not permitted when the coordinating OnLine database supports transactions (i.e., has a log), and the data source does not support transactions.

If distributed write access (through an OnLine) to the data source is required, then access the data source from a non-ANSI database without logging (or that has logging turned off).

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1.1086-29085

The data source does not support cursors declared WITH HOLD. Either the target DBMS does not support cursors that remain open after a commit operation, or the ODBC Driver does not use cursors with this property. Cursors declared WITH HOLD cannot be used at the data source.

1.1087-291

The current LOCK TABLE statement cannot be executed because you have already locked the same table using a different mode

(EXCLUSIVE or SHARE). If the intent was to change the lock mode, arrange to unlock the table before locking it again.

1.1088-292

This INSERT statement does not supply values for all the columns in the table. At least one of the columns that it omits is constrained to be not null. Since the database server would have to insert a null value for every unmentioned column, it cannot perform this insert. Review the statement against the definition of the table. Possibly the definition of the table has been changed.

1.1089-2920

You have defined the indicated column as dominant in a verify join. This means that whenever the operator enters a value in the field, it will be looked up in this column. Such a lookup operation is very quick when an index is present. There is no index on the column at this time. Without one, a lookup may be extremely slow. Unless the field does not allow operator input (in which case you should remove the asterisk) or the table is very small (a few dozen rows at most) you should create an index for this column before putting the form into use.

1.1090-2921

The database named in the DATABASE statement in this form was created by a prior version of Informix software. Before the present system can use it, it must be converted using the sqlconv utility.

1.1091-293

The test for a null value may be applied only to a column-name; not, for example, to a subscripted character column or an expression. Review the uses of these keywords in the WHERE clause.

1.1092-2930

This form displays subscripted portions of the indicated column in different fields. This is permitted; however any single character may not appear in more than one field. That is, the subscripts may not overlap. For example, you could display name[25,49] in one field and name[50,74] in another. However you could not display name[25,49] and name[25,74] since some characters would be displayed twice.

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1.1093-2931

Check the content of the FORMAT string in this statement. It is not correct for the data type; that is, for a numeric column it has characters other than # and . while for a DATE column it has an incorrect internal length, for example, yyy which calls for a three-digit year.

1.1094-2932

This attribute statement specifies a FORMAT string but the data type of the field is not one of the four that support formatting: FLOAT, SMALLFLOAT, DECIMAL (or MONEY), and DATE. If this is not a DISPLAYONLY column, check that it has been associated with the right column and make sure that the column is defined in the database as you expected.

1.1095-2933

The length of the FORMAT string specified for this field is greater than the length of the field itself as shown in the SCREEN section. Review the screen layout and revise it or the format so they agree.

1.1096-2934

The length of the FORMAT string specified for this field is less than the length of the field itself as shown in the SCREEN section. Review the screen layout and revise it or the format so they agree.

1.1097-2935

The vertical size of the screen, as given in the SCREEN statement or in the -l (lowercase L) command line option, is out of range. Change it to specify the expected size of the terminal where the form will be used.

1.1098-2936

The horizontal size of the screen, as given in the SCREEN statement or in the -c command line option, is out of range. Change it to specify the expected size of the terminal where the form will be used.

1.1099-294

In a grouping SELECT, every non-aggregate column must be listed in the GROUP BY clause. This ensures that there is a well-defined value for each selected column in each grouped row: either a column will contain a single aggregate value or it will contain a value unique to that group. If a selected column were neither an aggregate nor in the list, there is a possibility that in some group, there would be two or more values for that column, and the database server could not choose which to display. Revise the query to include either the column name or its positional number in the clause.

1.1100-2940

This form displays all of the indicated column, and subscripted portion of it, in different fields. You may display different, subscripted parts of a column in different fields, but the parts may not overlap. That is, portions of a column may not be displayed twice on the same screen. Review all uses of the indicated column. Perhaps you did not intend to name it in both places; or perhaps there are two or

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more columns of the same name in different tables, and you need to use the table name to distinguish them. Otherwise, use nonoverlapping subscripts on each field of the column.

1.1101-2941

This statement refers to a field as name but no such name is defined. Check the spelling and review the ATTRIBUTES section to see how the field was defined.

1.1102-2943

The expression in this statement is too complex to process. Simplify it and recompile the form. (See also error message -2988.)

1.1103-2944

The operations of Add, Update, Remove, and Query all apply to whole rows. Consequently these control blocks must list only table-names, not names of individual columns, in their opening command. Review the names in this statement and change column-names to the names of their tables.

1.1104-2945

Aggregates (AVG, MIN, MAX, COUNT, TOTAL) can only be performed on fields that are associated with tables (not on DISPLAYONLY fields), and the tables must be listed in the opening command of the same control block. Revise the form specification and recompile.

1.1105-2946

Aggregates can only be performed on fields that are associated with tables (not on DISPLAYONLY fields), and the tables must be listed in the opening command of the same control block. Revise the form specification and recompile.

1.1106-295

Referential constraints cannot cross databases. In other words, both the referenced and referencing columns (or parent and child keys) must be in the same database.

1.1107-2950

Multiple substrings from the same column are assigned to display fields. However, the substrings do not cover adjacent, nonoverlapping portions of the column. Either there is no first section (starting from column 1), or one section overlaps another. Review the substrings specified. Consider using a multiline edit field instead of a group of substrings; it is simpler to code and provides better editing for data entry.

1.1108-2951

The DELIMITERS instructions requires a string of exactly two characters, the left and right delimiter (marker) characters to be used when displaying fields. The characters may be the same but there

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must be two of them.

1.1109-2952

The string specified with the PICTURE attribute must have exactly the same length as the field as depicted in the SCREEN section. Review the definition of this field and make the two lengths agree.

1.1110-2953

All the columns named in a COMPOSITES list must be defined in the ATTRIBUTES section. Check the spelling of all the names and make sure they have been defined.

1.1111-2954

The INSTRUCTIONS section of this form has exceeded the ability of the form compiler to handle it. You will have to simplify the form, removing some instructions.

1.1112-2955

The name shown appears in the ATTRIBUTES section but nowhere in the SCREEN section. Check the spelling of the name; it is wrong in one of those places, or it has been omitted from the screen layout.

1.1113-2956

You cannot assign values in a LET statement across tables. All columns associated to the field-tag in a LET statement must belong to tables named in the opening command of the control block, or it must be a display-only field.

1.1114-2957

The field named in a NEXTFIELD statement must be associated with the same table as the current field. Review the relationships between columns and tables in this form and revise it.

1.1115-2958

This call to an external C function is improper because it has too many parameters. You will have to find some way to pass the same information in fewer parameters.

1.1116-2959

There is a limit on the number of columns involved in a join. This includes both the join columns named in an ATTRIBUTES statement and those named in a COMPOSITES statement for the same table.

1.1117-296

The referenced table specified in a referential constraint does not exist.

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1.1118-297

Cannot locate the referenced constraint in the sysconstraints system catalog table, and the referenced constraint was not created in the same ALTER TABLE statement as the referencing constraint. The referenced constraint may not exist. Check that you have entered a valid column name with the appropriate constraints associated with it. If the constraint columns are valid, this is an internal error. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.1119-2970

The presence of an index on at least one of the columns involved in a join can make join operation much, much faster. However, an index is not required when one or both tables is very small (dozens of rows). Consider creating an index on all join columns before putting the form into production.

1.1120-2971

This statement contains a subscript, a pair of numbers in square brackets, after a column name. However, the data type of the column is not CHAR, VARCHAR, or TEXT. Only such columns can be subscripted. Check that you named the correct column; if you did, then check its definition in the database.

1.1121-2972

In order to use the RIGHT or ZEROFILL attributes, you must make sure that the field size (as depicted in the SCREEN section) is exactly the same as the width of the database column. Review this statement, the screen layout, and the definition of the table in the database to make sure these sizes agree.

1.1122-2973

This statement defines a join list, a list of two or more column names related to the same form field. In such lists, an asterisk preceding a column name indicates that column is the dominant column in a verify join. Only one such column is allowed in any join, but in this list there are two or more. Review the documentation on verify joins and choose a single dominant table.

1.1123-2975

The indicated name was defined in the SCREEN section but not in the ATTRIBUTES section. Review the tags in each section and revise the form so all tags are defined.

1.1124-2976

This form specification has a SCREEN section but no TABLES or ATTRIBUTES sections. Complete the form specification.

1.1125-2977

The two tables named in a MASTER OF instruction must be joined. A join between tables is expressed by naming columns from both tables in one statement in the ATTRIBUTES section. Check the spelling

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of the table names here, and review the attribute statements.

1.1126-2978

The columns in a join must contain data from the same domain. The fact that these columns have different types or (if they are character columns) different lengths indicates that their contents are not from the same domain. Check the spelling of the column names to make sure that you named the correct columns. Review the design of the database and make sure that these tables are meant to be joined on these columns.

1.1127-298

The clause WITH GRANT OPTION gives the receiver of the grant the ability to grant the same privilege to others. In this case the receiver of the grant is PUBLIC, so if this statement was executed, everyone would have the privilege, and also everyone could grant the privilege. This nonsensical operation is prohibited. Either name specific grantees or omit the clause WITH GRANT OPTION.

1.1128-2984

Correct the statements in the TABLES section so that each table is defined just once. Possibly you have defined an alias that is the same as a real table name.

1.1129-2985

In the TABLES section these two names are defined in such a way that they refer to the same database table. One or both of them is a table alias. Change the statements so that each name stands for just one table and each table has just one name.

1.1130-2986

There is a restriction on the number of master-detail pairs that can be supported in one form. You must find a way to simplify the form.

1.1131-2987

There is a restriction on the number of screen layouts that can be supported in one form. You must find a way to simplify the form.

1.1132-2988

The form compiler cannot get enough data memory to process the form specification. You must find a way to simplify the form.

1.1133-2989

You have defined the indicated column as a reference column using the LOOKUP attribute. This means that whenever the operator enters a value in the field, it will be looked up in this column. Such a lookup operation is very quick when an index is present. There is no index on the column at this time. Without one, a lookup may be extremely slow. Unless the field does not allow operator input (in

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which case you should remove the asterisk) or the table is very small (a few dozen rows at most) you should create an index for this column before putting the form into use.

1.1134-299

This GRANT statement includes your user id as one of the grantees. If you can grant the privilege, you already have the privilege. Rewrite the statement to omit your user name from the TO clause.

1.1135-2990

All columns cited in a single LOOKUP attribute must belong to the same table. Check the spellings of the names and make sure they are the columns you intended.

1.1136-2991

This warning appears when you compile a multipage PERFORM screen using the 4GL forms compiler. A 4GL program can display only the first page of a multipage form. If the form specification has more than one SCREEN section, it has been purposely divided into multiple pages, and will have to be redesigned for 4GL. If it has only a single screen layout, the 4GL forms compiler has split it into two pages because it will not fit on the screen. The form design may not allow for the four screen lines that are reserved by 4GL.

1.1137-2992

For some reason the forms compiler thinks the indicated name has been defined twice. These names must be defined uniquely in the form specification. Review all uses of the name and see if one of them is an error.

1.1138-2993

This form defines a series of three or more joins such that table A joins to table B, table B joins to table C, and table C joins to table A. The circularity may not be obvious owing to the use of table-alias names. Review all the statements in the ATTRIBUTES section and any COMPOSITES statements, and draw a diagram of the join relationships. Then modify the form so that no circular joins are created.

1.1139-2994

There is a limit on the number of joins that can be specified. You must find a way to simplify the form.

1.1140-2995

There is a limit on the number of tables that can be contained in one join. You must find a way to simplify the form.

1.1141-2996

The error number displayed came from the host operating system. "RDS" was at one time the name of Informix Software. This message should not occur. If the error recurs, please note all

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circumstances and contact the Informix Technical Support Department.

1.1142-2997

The error number shown was returned by the database server. Look it up in this document. Also look for other error messages that may give more information.

1.1143-2998

The error displayed came from the host operating system. This message should not occur. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.1144-2999

The application has lost contact with the database server. Under UNIX, someone may have killed the database server daemon process or OnLine thread accidentally, or an internal error may have damaged a pipe between the application and the database server. In a local area network system, the database server process or thread in the file server may have been terminated or the file server may be down. Look for other messages, especially operating system messages, that may give more detail.

1.1145-3

An operating system error code with the meaning shown was unexpectedly returned to the database server. Look for other operating-system error messages that might give more information. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.1146-30

An operating system error code with the meaning shown was unexpectedly returned to the database server. An entire file system (a disk or disk partition) has been made read-only. Contact your system administrator to find out why.

1.1147-300

The number of columns that may be listed in the GROUP BY clause is an implementation limit of the database server. All database servers support at least eight columns. Review the current statement to make sure that the punctuation of the GROUP BY clause is correct. If it is as you intended, you will have to find a way to do this query in two or more stages. Since all non-aggregate selected columns must be listed in the GROUP BY clause, and the length of the list is restricted, you will have to select only the non-aggregate values that are required to distinguish each group. Put the group results in a temporary table, and join this table to the original table to select other non-aggregate values.

1.1148-3000

Look up error number in this manual.

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1.1149-3001

You can only run forms that are present in the current directory or a directory named in your DBPATH environment variable. Change directories to the one containing the desired form(s), or change the contents of DBPATH.

1.1150-3002

You have selected the View menu option. This option is for viewing the contents of TEXT and BYTE fields of a form; however this form has none.

1.1151-3003

You have selected the View menu option. The cursor is positioned in a field that represents a BYTE column, and you have pressed the "!" key to edit the contents of the field. However, the field is null; there is no data to view. Use Query to select a row that includes non-null data in this field.

1.1152-3005

The form file form-name does exist; however your account does not have operating system permissions to read and write it.

1.1153-3006

Recompile the form to make sure that the .frm file has not been corrupted. If the same error occurs, make sure that you are running FORMBUILD and PERFORM products at the identical version level (version numbers are displayed when the commands are executed from the command line, provided the -s option is not used). If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.1154-3007

Use FORMBUILD to compile the form, then run PERFORM again.

1.1155-301

The total number of bytes in the combined columns listed in the GROUP BY clause is an implementation limit of the database server. All database servers support at least 120 bytes. Refer to the discussion of error -300 for more information.

1.1156-3010

The database named in the DATABASE section of the form could not be opened. Either it could not be found, or your account has not been granted CONNECT privilege for it. You can use INFORMIX-SQL to separate these cases. Use the Database menu, Select option. If database-name is listed, the database can be found but could not be opened.

The database server looks for a database first in the current directory, and then in directories named in the DBPATH environment variable. Check to see if a directory database-name.dbs exists in one

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of those directories.

1.1157-3011

Because another user has locked a table in exclusive mode, PERFORM cannot continue. Rerun the transaction when the table is not locked.

1.1158-3019

Please note all circumstances and contact the Informix Technical Support Department.

1.1159-302

This GRANT statement cannot be executed. Either you do not have the right to grant the specified privilege for this table; or else the table name given is a synonym; or the table is in fact a view on which this option cannot be granted. In order to grant any privilege for a table you must either have Database Administrator (DBA) privilege in this database, or you must be the owner of the table, or you must have been granted the same privilege WITH GRANT OPTION. If one of these things is true, then the problem must be that the table in question is really a synonym or a view that is not modifiable, and so cannot be used for insert, update, or delete operations.

1.1160-3020

A table listed in the TABLES section of the form cannot be found. Review the DATABASE statement to make sure that the form is using the correct database. If so, and if the table name is spelled as you intended, the table has been dropped or renamed. You can use INFORMIX-SQL to check table names under the Tables menu, Info selection. Revise the form to use the correct name.

1.1161-303

This SELECT statement uses an aggregate function in its WHERE clause. This is not allowed; the WHERE clause must be applied

row-by-row as a table is scanned, while an aggregate function can only be calculated after all rows have been chosen and grouped. Review the statement with this in mind. If you intended to select only certain groups of records, you can put such a test in the HAVING clause; it is applied to grouped rows.

Tip: The text of this message is somewhat deceptive. You can, in fact, mix column names and aggregate functions in expressions. However, you can only do this in the select list or the HAVING clause (not in the WHERE clause), and the columns must appear in the GROUP BY clause.

This error message is not used by database servers after Version 5.01.

1.1162-3030

The tables specified in the TABLES section of the form do exist, but the column column-name, which was named in the ATTRIBUTES section, does not. Check the spelling of column-name against the actual table. The table may have been altered or the column may have been renamed. You can use INFORMIX-SQL to check column names under the Tables menu, Info selection. Revise the form to use the correct column name.

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1.1163-3031

PERFORM cannot locate the compiled form form-name.frm in the current directory or in a directory named in the DBPATH environment variable—or if it did find the file, it could not open it. Check the spelling of the name; verify that the file exists; and check that your account has read access to it.

1.1164-3035

The column column-name, which is named in the ATTRIBUTES section of the form, no longer has the data type that it had when the form was compiled (the table has been altered since). Check the present data type; then examine the form specification to make sure it will display the column in a field of the appropriate size. Modify the form as required and rebuild it.

1.1165-3037

The column column-name is mentioned as part of a COMPOSITE in the INSTRUCTIONS section of the form specification. However, there is no composite index (an index over all the columns of a composite key) over this column and its fellows in the database. After the form was compiled the composite index was dropped. Either it should be restored, or the form should be revised.

1.1166-304

The HAVING clause is used to select completed rows after grouping has been done. Therefore the only selected values it can test are values that are available in completed groups of rows, namely the single columns that are named in the GROUP BY clause, and aggregate values. Review the HAVING clause with this rule in mind. If you want to select particular rows before grouping has taken place, you can use the WHERE clause.

1.1167-305

You may select substrings only from columns of the types mentioned. Review all uses of square brackets in this statement and make sure that each follows the name of a column having one of these types. If you believe that this is the case, then verify that you are using the database you intended, and double-check the definition of the table. Possibly one of the columns in the table has been altered to use a different type.

1.1168-3050

PERFORM is trying to open a temporary file which it created earlier. Look for operating system error messages that may give more information. It is possible that you have exceeded a limit on the number of open files. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.1169-306

This statement refers to a substring of a character variable. The substring values, that is, two numbers in square brackets, are incorrect. The first is less then zero or greater than the length of the column, or else the second is less than the first. Review all uses of square brackets in the statement to find the error. Possibly the size of a column has been altered, making a substring fail which used to

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work.

1.1170-3060

PERFORM is trying to create a temporary file and cannot. Check that, on UNIX systems, your account is allowed to write in the /tmp directory or the directory named in the DBTEMP environment variable, and that the directory is not full. It is possible that you have exceeded an operating system limit on the number of open files. In that case you will have to reduce the number of tables used in this form.

1.1171-307

This statement refers to a substring of a character variable. The substring values, that is, two numbers in square brackets, are incorrect. The first is less then zero or greater than the length of the column, or else the second is less than the first. Review all uses of square brackets in the statement to find the error. Possibly the size of a column has been altered, making a substring fail which used to work.

1.1172-308

All rows produced in a UNION of SELECT statements must have the same format. This means that every column should have the same data type. However in the current statement, a column in the second or subsequent SELECT does not agree with the same column in a preceding SELECT. Review and compare all the SELECT statements, checking each point at which one selects something that is not identical to the preceding SELECT. No automatic data conversion is supplied during a UNION; the data types must be identical as selected. If this proves impossible, consider setting up a temporary table and using a series of INSERT statements to fill it with the combination of rows desired. Automatic data conversion is applied during an INSERT, so that differing, but compatible, data types can be coerced to the same type.

1.1173-3081

The output filename may not end in any of the following suffixes:

.dat .idx .aud .per .frm .ace .arc
.sql .unl

Select a different filename.

1.1174-3082

The form user has keyed "!" in the display of a BYTE field. However, no program= attribute was defined for this field.

1.1175-309

The indicated column appears in the ORDER BY clause of this SELECT, but it is not in the select list (the list of values that follows the word SELECT). This is not supported; all sort keys must be present in the output rows in order for sorting to be done. Revise the statement to make this true. If you only want to sort on an expression involving this column, not on the column itself, you can refer to the expression by the number of its position in the select list.

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1.1176-31

An operating system error code with the meaning shown was unexpectedly returned to the database server. Look for other operating system error messages that might give more information, especially which file or files are involved. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.1177-310

This statement tries to create a table of the name shown, but one of that name already exists. Only one table of a given name may exist in a single database. (In an ANSI-compliant database, a table name is qualified by the name of the user that created it, so there may be one table of a given name per user.)

Check the spelling of the name; if it is as you intended and you are sure it should not exist, make sure you are using the database you thought. You can review the names of all tables in this database by querying systables as follows:

```
SELECT tabname FROM systables WHERE tabid > 99
```

However, this will only display names of permanent tables. If the existing table is a temporary table, it is not listed in systables. If the name does not appear, end your database session and start a new one; temporary tables will be dropped.

1.1178-3101

When adding data to a table, no data was specified for the column shown. However, that column is defined in the database as not allowing null values. The row cannot be added unless a value is supplied.

1.1179-311

The database server cannot access one of the tables that comprise the system catalog. The name of the table is shown. Check the accompanying ISAM error code for detailed information on the cause, and look for operating system error messages that may give more information.

1.1180-312

The database server cannot record a change in the system catalog table shown. Check the accompanying ISAM error code for more detailed information on the cause. One common cause is a lack of disk space.

1.1181-3120

The data entered into the current field is not appropriate for the data type of the field.

1.1182-313

This statement tries to do something, for example dropping a table, that may be done only by the owner of the table or by a user who has Database Administrator privileges. Make sure that the statement names the table you intended. If it does, you will have to get its owner or a DBA to execute

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this statement. To find out these things, you can query the system catalog as follows.

```
SELECT tabname, owner FROM systables WHERE tabid > 99;
SELECT username FROM sysusers WHERE usertype = 'D'
```

1.1183-314

This statement tries to do something, for example drop a table, that cannot be done while the table is in use by another user. Wait a short time and try again. To make sure that no table is in use, open the database with DATABASE EXCLUSIVE.

1.1184-315

This statement tries to create an index for a table. However, either you have not been granted INDEX privilege on this table, or the table itself is a view or synonym. If the table named really is a table, contact the owner of the table or a Database Administrator (see the discussion of error -313) and ask to be granted this privilege.

1.1185-316

This statement tries to create an index with the name shown, but an index of that name already exists. Only one index of a given name may exist in a single database. (In an ANSI-compliant database, an index name is qualified by the name of the user that created it, so there may be one index of a given name per user.) Check the spelling of the name; if it is as you intended and you are sure it should not exist, make sure you are using the database you thought. You can review the names of all indexes and their owners by joining systables and sysindexes as follows:

```
SELECT        T.tabname, I.idxname, I.owner
FROM        systables T, sysindexes I
WHERE        I.tabid = T.tabid
AND        T.tabid > 99
```

1.1186-317

All rows produced in a union must have the same format. This means that each SELECT statement in the union must select the same number of columns. In this union one of the second or subsequent SELECT statements does not list the same number of columns as the preceding one. Review the entire union and make sure that all select lists are alike in number and data type. If there simply is no appropriate column for one of the statements, specify a literal value of the appropriate type at that position. For example, where you need to match a numeric column, specify a literal zero.

1.1187-318

The transaction log file you specify in the WITH LOG IN clause must not already exist. The database server must start a log file fresh; it has no means of appending log data to an old log file. An existing log file contains recovery information that may be crucial, so it will not simply empty an existing file. To begin logging for a database that has not been logged before: lock the database; copy all of the database directory to a backup medium; use the START command naming a new file. To subsequently make a partial archive: lock the database; copy the log file to a backup medium and store it with the full archive; erase or rename the log file; use the START command.

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1.1188-319

This statement refers to an index that does not exist. (The reference to an "ISAM file" is not relevant; ignore it.) Review the spelling of the index name; if it is as you intended and you are sure it should exist, make sure you are using the database you thought.

Important: In an ANSI-compliant database, an index that you do not own must be qualified with its owner's name. See the discussion of error -316 for a way of checking the names and owners of all indexes.

1.1189-32

An operating system error code with the meaning shown was unexpectedly returned to the database server. A pipe is a data path between two processes; a pipe is broken if one of the processes has unexpectedly quit while the other is waiting for data. Look for other operating system error messages that might give more information, especially which processes were involved. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.1190-320

This statement tries to do something, for example dropping an index, that may be done only by the owner of the index or by a user who has Database Administrator privileges. Make sure that the statement names the index you intended. If it does, you will have to get its owner or a DBA to execute this statement. See the discussion of error -316 for a way of listing the names and owners of indexes.

1.1191-3200

You must first query the table before executing the UPDATE, REMOVE, NEXT or PREVIOUS command.

1.1192-321

The GROUP BY clause in this statement refers to a selected value that is an aggregate function. This is not supported. (It does not make sense to group rows using a value that cannot be computed until the group has been formed.) You may group rows by the value of columns or expressions on columns, but the expressions may not include aggregate functions. Review the GROUP BY clause, comparing it to the select list. Possibly one of the column numbers in the GROUP BY clause is in error.

1.1193-3210

The row now displayed has just been deleted by another user and no longer exists. You cannot use the UPDATE, REMOVE, NEXT, or PREVIOUS commands until you have used QUERY to display a valid row.

1.1194-32100

Your session sensitivity label does not permit you to perform the operation on the OnLine/Secure object that you are accessing because it violates the MAC policy of INFORMIX-OnLine/Secure. Log in at the appropriate sensitivity label and retry the operation.

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1.1195-32101

Your session identity does not permit you to perform the operation on the OnLine/Secure object that you are accessing because it violates the DAC policy of OnLine/Secure. Log in with the appropriate identity or obtain the necessary privileges and retry the operation.

1.1196-32102

The range specified for an operation involving labels is incorrect. The situation could arise either due to bad user input or an internal error.

1.1197-32103

Internal Error. The error could arise because the labels to be compared are incomparable or illegal or the comparison operation was not legal for the label data type.

1.1198-32104

Internal Error. The table descriptor for the specified table was not found in the core dictionary.

1.1199-32110

Your session sensitivity label must equal the sensitivity level of the database.

1.1200-32112

Contact the database administrator and request DBA privilege.

1.1201-32113

Contact the database administrator and request DBA privilege.

1.1202-32114

System catalog tables are dropped only when the database is dropped.

1.1203-32115

It is not a legal to change the ownership of a table.

1.1204-32116

Your session sensitivity level must equal the sensitivity level of the table.

1.1205-32117

Your session sensitivity level must equal the sensitivity level of the table.

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1.1206-32118

Privilege is not granted for you to create an index on the table.

1.1207-32119

Your session sensitivity level must equal the sensitivity level of the table.

1.1208-32120

The action you are performing requires Resource privilege on the database. Contact the database administrator to request the privilege.

1.1209-32121

Your session sensitivity level must equal the sensitivity level of the table.

1.1210-32122

It is not legal to change attributes other than the next extent size for the system catalog tables.

1.1211-32123

Only the owner of the index can perform the operation that you are attempting.

1.1212-32124

It is illegal to alter indexes on temporary tables.

1.1213-32125

Internal Error. The number of concurrent database opens exceeds the limit set in OnLine/Secure.

1.1214-32126

The tag value that you supplied is unknown to the operating system.

1.1215-32127

Your session sensitivity level must equal the sensitivity level of the table.

1.1216-32128

You need Insert or Alter privilege on the table, or Update privilege on the SERIAL column to change the serial value.

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1.1217-32129

This is only applicable for multilevel secure applications. You are attempting an operation on a table at a level higher than or incomparable to the level at which you opened the table. Open the table at the appropriate level.

1.1218-32130

This is only applicable for multilevel secure applications. There are no records at the level you are accessing.

1.1219-32131

Internal Error.

1.1220-32132

Ordering by label is illegal because labels are not ordered linearly.

1.1221-32133

Your session sensitivity level must equal the sensitivity level of the table.

1.1222-32134

Your session sensitivity level must equal the sensitivity level of the database.

1.1223-32135

Your session sensitivity level must equal the sensitivity level of the table.

1.1224-32136

Your session sensitivity level must equal the sensitivity level of the database.

1.1225-32137

Alter privilege on the table is required to modify a constraint.

1.1226-32138

This is only applicable for multilevel secure applications. The initial serial value was not set at table creation.

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1.1227-32139

This is only applicable for multilevel secure applications. There is no initial serial value for the sensitivity level that you are accessing. The initial serial value must be set at table creation if a SERIAL column exists in the table.

1.1228-32140

Internal Error. The table handle provided to an RSAM function is not a legal handle for the table whose tabid is also provided as a function argument.

1.1229-32154

Ensure that no other user has created a label.map file in the $LABELMAPDIR directory. Check that the sensitivity label of the label.map file is ixdbssoL.

1.1230-32155

An old label.map file is in use. Update the label.map file if necessary and remove the label.lok file to indicate your concurrence that the label.map file is indeed okay.

1.1231-32156

Cannot open the label.map file or the label.lok file. Check the existence, permission, and sensitivity level of these files.

1.1232-32157

Check the integrity and legality of entries in the label.map file according to the current operating system.

1.1233-32158

The translation tag for a tag on tape provided in the label.map file does not exist on the operating system. Check the integrity and legality of entries in the label.map file according to the current operating system.

1.1234-32159

A tag supplied in the label.map file does not exist on tape. Ensure that you are providing mapping only for those tags that are on the tape.

1.1235-32160

An error occurred during sorting of the label.map file. Check the integrity of the label.map file.

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1.1236-32162

Tags and their translation tags should have strictly one-to-one mapping. Check the label.map file for duplicate tag mappings.

1.1237-32163

Only the tag representation of labels should be stored in the label.map file. Check the integrity and legality of the tags stored in the label.map file.

1.1238-32164

Internal Error. Check the operating system error message. If the cause is the size of the shared memory, you or your DBSA could have set a high value for SM_ROWSIZE or SM_TOTALROWS in the session configuration file.

1.1239-32165

Internal Error. Check the operating system error message for further information.

1.1240-32166

Check $INFORMIXDIR, $SQLEXEC settings. Ensure that you are in the group ix_users, ix_dbsa, or ix_dbsso. Check that the RSAM executable in $INFORMIXDIR/lib is executable by your session.

1.1241-32167

Internal Error.

1.1242-32168

Internal Error.

1.1243-32169

Internal Error. The operating system cannot map between the internal and external forms of the label. Check the external or tag representations that you provided.

1.1244-32170

You can only upgrade or downgrade an object. The error may also indicate that you are downgrading a view or synonym definition to a level that does not dominate the base table(s) sensitivity levels.

1.1245-32171

The sensitivity level of the database must always be dominated by the sensitivity levels of all tables in the database.

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1.1246-32172

Internal Error.

1.1247-32173

Internal error.

1.1248-32174

The table sensitivity label must always dominate the sensitivity level of the database.

1.1249-32175

Cannot upgrade or downgrade a system catalog alone. System catalog tables are upgraded or downgraded only when the database is upgraded or downgraded.

1.1250-32176

Only permanent tables can be upgraded or downgraded.

1.1251-32177

The sensitivity label of all rows must always dominate the sensitivity level of the table.

1.1252-32178

The sensitivity level of a view must always dominate the sensitivity level of all its base tables.

1.1253-32179

The sensitivity level of a synonym must always dominate the sensitivity level of all its base tables.

1.1254-32181

Check for the parameter setting in the TBCONFIG file or the input to DB-Monitor.

1.1255-32182

Check for the parameter setting in the TBCONFIG file or the input to DB-Monitor to make sure that the number of estimated security labels is always >0.

1.1256-32183

Check the legality of inputs to the LABELLUB() function.

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1.1257-32184

Check the legality of the inputs to the LABELGLB() function.

1.1258-32190

Check if label column is supplied to an aggregate function.

1.1259-32191

Alter table failed; check the additional RSAM error message for further information.

1.1260-32193

The OnLine/Secure database server cannot be initialized. Contact Informix technical support for assistance.

1.1261-32194

The OnLine/Secure database server cannot be initialized. Contact Informix technical support for assistance.

1.1262-32197

Use a tape that was generated by an OnLine/Secure database server.

1.1263-32198

Modify the TBCONFIG file to refer to a rootdbs created by an OnLine/Secure database server.

1.1264-322

You can only create a trigger on a table. Consider creating the trigger on the table from which the view is derived, or consider creating view view-name as a table and then creating the trigger on it.

You can also receive this message if you issue the START VIOLATIONS TABLE statement or the STOP VIOLATIONS TABLE statement for a view. You must specify the name of a base table in both of these statements.

1.1265-323

This GRANT statement names a temporary table. That is not supported; privileges are recorded only for permanent tables. One reason is that temporary tables are not recorded in the system catalogs, so there is no place to record privileges on them. Only the person who creates a temporary table may access it.

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1.1266-324

The column name shown appears in more than one of the tables listed in the FROM clause of this query. The database server needs to be told which of the columns to use. Revise the statement so that wherever this name appears in the query, it is prefixed by the name of its table: table-name. column. If this makes the statement unwieldy, give the table a shorter alias name in the FROM clause (see the discussion of error -316 for an example).

1.1267-32400

You can change only one table option (locking mode, extent size) for each ALTER TABLE session. If you have changed one table option and want to change another, you must first exit the ALTER TABLE Menu and build the modified table. Select the Exit option then the Build-new-table option. Then, select the Table_options option on the ALTER TABLE Menu and make your next modification to the table.

1.1268-32401

The initial extent size is set when the table is first created. The next extent size can be altered, but the initial extent size cannot. To change the size of the initial extent, you must unload the data from the table, drop the table, re-create the table with the CREATE TABLE statement, and reload the data into the table.

1.1269-32402

You have specified the location in which to table is to be stored. You have explicitly specified a dbspace or the dbspace of the database has already been used. When you attempted to alter a table, you tried to change the dbspace in which the table is stored. This is illegal. You can specify the dbspace only when you create the table.

Download any data in the existing table. Drop that table. Create a new table. Specify the dbspace that you want to use and upload the data into the new table.

1.1270-32403

This error occurs when the user creates or alters a table and creates or alters a column of type serial, and has specified that the starting number is less than or equal to zero (illegal) or has entered in a non-numeric value. Enter a number equal to or greater than 1 for the starting number.

1.1271-32404

The delimiter specified for the LOAD or UNLOAD statement is illegal. You cannot use the newline character, hexadecimal digits (0-9, A-F,

a-f), the tab character, or a space as a delimiter. Check the statement and change the delimiter symbol.

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1.1272-32405

The hexadecimal file used to load a BYTE value into the table has an illegal character or an incorrectly formed hexadecimal value. Check the file for any anomalies, and try running your statement again.

1.1273-32406

You specified an extent size less than or equal to zero when you created or altered a table. Specify an extent size greater than zero.

1.1274-32408

You tried to create an ANSI-compliant database on INFORMIX-SE, but did not specify a pathname for the mandatory unbuffered transaction logging. Select the Mode_ansi option of DB-Access again, or revise your CREATE DATABASE statement, and enter the full log pathname.

1.1275-32409

DB-Access cannot open the sysmaster database, from which you have requested information. Make sure the sysmaster database was built properly and read the OnLine log for the cause of the failure.

1.1276-32410

DB-Access does not support the AS, WITH CURRENT TRANSACTION, or USER clause of the CONNECT statement, although it is supported by the database server. Use proper SQL statement syntax when running your CONNECT statement in DB-Access.

1.1277-32411

You attempted to perform an alter table option on a table option that you previously altered. You cannot alter a table option more than once.

1.1278-32412

DB-Access does not support the USING password clause in a CONNECT ... USER statement when it violates security. For example, do not type a password on the screen where it can be seen or include it in a command file that is readable by someone other than the user. To maintain security, DB-Access prompts you to enter the password on the screen and uses echo suppression to hide it from view.

1.1279-325

This error occurs when you attempt to create a table using the WITH LOG IN clause, and you do not specify a complete path to the log file. This error also occurs if you use INFORMIX-SE to create database logging and do not specify the full path of the log file. Make sure you specify a full path name, including the name of the log file, where the log file will reside.

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1.1280-32500

You must obtain the PRIV_CANSETLEVEL discrete privilege from the DBSSO before the start of a session in which you use the SET SESSION LEVEL statement.

1.1281-32501

You must log in at a session sensitivity level that dominates the session level you specify.

1.1282-32502

You cannot access the database at the new session sensitivity level. Use a different level that dominates the database.

1.1283-32503

Close all tables and relinquish all cursors that remain open before attempting to change session sensitivity levels.

1.1284-32504

You cannot access objects in remote databases when your current session sensitivity level differs from that of your login session. Return to the sensitivity level of your login session to access remote data.

1.1285-32505

Refer to the accompanying error message for more information.

1.1286-32506

The argument to the SET SESSION LEVEL statement was not a valid sensitivity label.

1.1287-32507

You must obtain the DBA privilege when you execute the SET SESSION AUTHORIZATION statement.

1.1288-32508

Abort or commit a transaction before you issue the SET SESSION AUTHORIZATION statement.

1.1289-32509

-32509 Bad session authorization format.

The user name supplied as an argument to the SET SESSION AUTHORIZATION statement is invalid. You cannot use PUBLIC as a user name. Supply the user name of a valid user.

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1.1290-32510

You must obtain the PRIV_CANSETIDENTITY discrete privilege from the DBSSO before the start of a session in which you use the SET SESSION AUTHORIZATION statement.

1.1291-32513

Renaming of table or column failed. Refer to the ISAM error number for more information.

1.1292-32514

Your session sensitivity label does not permit you to perform the operation on the OnLine/Secure object that you are accessing because it violates the MAC policy of OnLine/Secure. Log in at the appropriate sensitivity label and retry the operation.

1.1293-32520

Internal error.

1.1294-32521

Internal error.

1.1295-32522

Internal error.

1.1296-32523

Internal error.

1.1297-32524

Internal error.

1.1298-32525

Internal error.

1.1299-32526

Internal error.

1.1300-32528

Internal error.

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1.1301-32529

Internal error.

1.1302-32532

Internal error. You cannot compute VARIANCE and STDEV on character, date/time, or blob columns.

1.1303-326

The specified referential constraint has more than 16 columns (or 8 in INFORMIX-SE).

1.1304-3260

This column has a verify join with a column in table table-name. Any value entered in this field must be found in that table. The value just entered was not found. Enter a correct value.

1.1305-3261

This column is listed with others as a COMPOSITE in the INSTRUCTIONS section of the form specification, and shown there as needing to be verified against matching columns of table table-name. The value you have entered, considered with the other values in the composite, do not occur in table-name.

1.1306-3265

All dominant columns (those with asterisks before their names) in verify joins must be indexed. Perhaps the index has been dropped since the form was compiled. Re-create the index and run the form again.

1.1307-327

The command UNLOCK TABLE is not allowed within a transaction, that is, following the execution of BEGIN WORK. You may still use LOCK TABLE when using transactions, but the table will be unlocked automatically when the transaction ends, since all locks are released at the end of a transaction. In an ANSI-compliant database, BEGIN WORK is not used, a transaction is always in effect, and the UNLOCK TABLE statement is never used.

1.130832700

The program cannot open the license file. It first tries to open the file that the user specified in LM_LICENSE_FILE. If you have not set this environment variable, the program tries to open the license file in the default location $INFORMIXDIR/etc/ifmxld.dat. If you intend to use LM_LICENSE_FILE, check if you have set your license-file pathname correctly in that file.

1.130932701

This error occurs if the feature name, daemon name, or server name exceeds the maximum length allowed, or if the feature line is incomplete. If you have edited the license file after installation, check

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that you did not make a mistake. The maximum length for the server name is 32 characters. The feature name, daemon name, and feature lines are generated automatically during installation.

1.131032702

If you edited the license file after installation, make sure that you did not make a mistake. This error occurs if the daemon name specified in the license-file feature line does not match the vendor-daemon name or if the attempt to connect the vendor daemon on all server nodes was unsuccessful. Make sure that the daemons on all license servers are still running and that the network is working properly.

1.131132703

Check the network-licensing activities by using lmstat or by checking the license-daemon log file to decide whether you need to purchase more user capacity from Informix.

1.131232704

The feature could not be found in the license file. Be sure that the license file contains the feature line for the product you are trying to use and the product is properly licensed.

1.131332705

Check the license file in use to ensure that the TCP/IP port number on the server line or lines is valid. If the TCP/IP port number is not valid, modify the license file to use a valid one.

1.131432706

This error indicates that an internal error occurred during sending or receiving of the message. Note all observed behavior and any other error message. Check with the system administrator to ensure that the system is functioning properly.

1.131532707

This error indicates that the code in a license-file line does not match the other data in the license file. This error usually occurs when all the software components are not built with the same encryption code. Check create_license.c, ls_vendor.c, and your application code carefully to make sure that they have the same vendor code. Do not modify he encryption code in the license file after it has been generated during installation.

1.131632708

This error occurs when the host ID specified in the license file does not match the node on which the software is running.

1.131732709

The present date exceeds the expiration date of the feature in the license file. Decide if you want to change from an evaluation version to a regular version of this Informix product, and contact Informix

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for the procedure that you need.

1.131832710

Check that the date field in the license file is in the format dd-mmm-yyyy where dd is two digits for the day, mmm is three letters for the month, and yyyy is four digits for the year. The installation procedure generates these dates. If you did not modify the license file on those fields, report this problem, along with the output of the license file, to the Informix Technical Support Department .

1.131932711

Be sure that no other services use the port numbers on the server lines. Check with your system administrator to ensure that the network is functioning properly. Check the license-daemon-server log for all error messages.

1.132032712

There is no server line in the license file. All non-zero license-count features need at least one server line.

1.132132713

Check all relevant system files, such as /etc/hosts, to ensure that the server hostname is known across the network.

1.132232714

Be sure that the daemons in all license servers are running. Check the daemon log for any error message.

1.132332715

Check with your system administrator to ensure that the network is functioning properly. Also check the daemon log for other error messages.

1.132432716

The feature has expired orhas not yet started, or the version of the product you are attempting to use is not the licensed version. Make sure that the license files in both the license-daemon servers and the computer running this Informix-licensed product are set up properly.

1.132532717

The license-daemon server is busy establishing a quorum of server nodes so that licensing can start. Retry this operation later.

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1.132632718

Be sure that the version of the product that you are attempting to use is licensed. Check the license file to ensure that the version of the desired product on the feature line is the same as or later than the version that you want to use.

1.132732719

The check-in request did not receive a proper reply from the vendor daemon. (The license might still be considered in use.) Check the daemon log output to see if there are any more error messages. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.132832720

The vendor daemon is busy establishing a quorum condition. New requests from clients are deferred during this period. Retry this operation later.

1.132932721

The version that you are attempting to use is more recent than the version for which you are licensed. Check the feature line in the license file to ensure that the version of the desired product is the same as or later than the version that you are trying to use.

1.133032722

A checkout request was made for more licenses than are supported in the license file. Be sure that you did not make a change to the license checkout request to check out more licenses than it is capable of handling. Check out only one license for each request.

1.133132723

Be sure that the license file has the correct read permission.

1.133232724

The client performs an encryption handshake operation with the daemon before any licensing operations can occur. This handshake operation failed. Check with the system administrator to ensure that the system and the network are working properly. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.133332725

The run-time-feature data structures of the daemon are corrupt. This internal daemon error indicates that a serious problem exists. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

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1.133432726

The malloc() call failed to return sufficient memory. This error can occur while reading the features from the license file (especially if the user has set an extremely long LM_LICENSE_FILE path). Check with your system administrator to ensure that the system is working properly.

1.133532727

This message provides information to the user. It is not an error.

1.133632728

This message provides information to the user. It is not an error.

1.1337-32766

The software product cannot find the error message text files. Either the INFORMIXDIR or DBLANG environment variable is set incorrectly.

1.1338-328

This statement tries to add the column shown, but one of that name already exists. Check the spelling of the name; if it is as you intended then the table is not arranged as you expected it to be. You can review the names of all the columns in a table by querying syscolumns. Supply a table-name in the following query.

```
SELECT colname, colno FROM syscolumns C, systables T
WHERE C.tabid = T.tabid AND T.tabname = 'table-name'
```

You can use RENAME COLUMN to change column names.

1.1339-329

The database you tried to open is not visible to the database server. Check the spelling of the name. Possibly the database is located in a different database server (or network system) and you have omitted to specify the server name (or site name) with the database name. If you are sure the database should exist just as you spelled it, your next step depends on the database server you are using.

If you are using INFORMIX-SE, the visible databases are directories with names of the form dbname.dbs. They must be readable and writable to you. The database server looks first in the current working directory, and then in each directory named in the DBPATH environment variable. The most common cause of this error is an incorrect setting or no setting for the DBPATH variable.

If you are using the INFORMIX-OnLine Dynamic Server, the database does not exist as spelled. In some environments, it is possible to have two or more instances of OnLine running at once, and each instance has its own collection of databases. For Version 6.0 and higher, the value of the INFORMIXSERVER environment variable determines which instance of the INFORMIX-OnLine Dynamic Server you will use. For Versions 5.01 and earlier, the TBCONFIG environment variable points to the configuration file that determines which instance of INFORMIX-OnLine you will use. See your OnLine administrator if you think you might be using the wrong one of two instances of OnLine.

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1.1340-33

An operating system error code with the meaning shown was unexpectedly returned to the database server. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.1341-330

Possibly you tried to create a database with the same name as one that already exists; if so, choose a different name. Otherwise, check the accompanying ISAM error code for more detailed information on the cause. Possibly there is a shortage of disk space or a problem with file permissions.

1.1342-3300

You reached the beginning or the end of the current list of rows. You can start a new query with the QUERY command, or use the PREVIOUS or NEXT command to reverse through the list the other way.

1.1343-33000

This is a warning. If you want your code to be ANSI-compliant, do not use the keyword shown as a variable name. Check the Informix Guide to SQL: Syntax for an alternative syntax.

1.1344-33001

Reset the specified environment variable to a legal value and try again. See Chapter 4 of the Informix Guide to SQL: Reference.

1.1345-33002

The preprocessor cannot interpret this INCLUDE statement. Refer to your embedded-language manual for the correct syntax of the INCLUDE statement.

1.1346-33003

The label on the current statement is incorrect in form. Refer to the embedded-language manual for accepted label formats.

1.1347-33004

The specified option from the preprocessor/compiler command line is not supported by this embedded language product. Make sure it is spelled as you intended. Refer to the embedded language manual for supported options.

1.1348-33005

A character string is not correctly terminated according to the rules of the host language. For example, it may be missing an end quote, not have a continuation character, etc. Note that with this kind of error, the preprocessor may not recognize the error until a number of source lines beyond the

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line where you intended the string to end.

1.1349-33006

The specified variable may not be used in the context of this statement. Check that you specified the variable you intended, and that it is declared with the proper type. Then refer to the embedded language manual for variable usage in this type of statement.

1.1350-33007

The preprocessor has assumed that you intend the symbol variable-name in this statement as a host variable. (A host variable is normally indicated with '$' or ':' preceding it.) Check that you did intend this meaning.

1.1351-33008

This statement uses the symbol component-name as if it was the name of a component of a record, but it was not declared as a component of the record name it is used with. Check the spelling of both the component and the record name.

1.1352-33009

The record component was declared twice in the same record/structure. Check the spelling of component names and the syntax of the declaration.

1.1353-33010

Correct all other processing errors. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.1354-33011

This is a warning from the preprocessor. The specified variable was declared more than once in the current scope. Compilation continues using this latest declaration to the end of the current scope. If you did not intend to redeclare the indicated variable, check the spelling of variable names and the syntax of declarations. In INFORMIX-ESQL/C this warning can also be issued if the variable is used as function parameter. In this case use the PARAMETER clause.

1.1355-33012

You have specified a precision or scale for a DECIMAL value that is out of range. A DECIMAL variable must have from 1 to 32 digits. Check the punctuation of the declarations in this statement.

1.1356-33013

The preprocessor has found this EXEC SQL END DECLARE SECTION statement but has not seen a preceding EXEC SQL BEGIN DECLARE SECTION. Possibly it was omitted or not recognized due to another error. Make sure that each BEGIN DECLARE is paired with an END DECLARE.

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1.1357-33014

The indicated record was used where only a simple variable can be accepted. Review the declaration of variable-name and make sure it is the variable you intended to use (possibly you need to qualify it with a component name). Refer to the embedded language manual for the requirements of this statement.

1.1358-33015

The name of the input file submitted to the preprocessor must have the correct suffix. Check the command syntax and rename the file if necessary. The following file suffixes are required:

- .ec for INFORMIX-ESQL/ C
- .eco for INFORMIX-ESQL/ COBOL
- .ef for INFORMIX-ESQL/ FORTRAN

1.1359-33016

This preprocessor macro definition statement does not have the ESQL statement terminator. Add a semicolon(;) to the end of the statement.

1.1360-33017

The preprocessor cannot recognize the end of the current statement. Check the syntax of this and preceding lines. Look for omitted ending semicolons, omitted quote marks, or omitted end-of-comment symbols.

1.1361-33018

This statement includes a specification of a host variable with an indicator variable, but no indicator variable is allowed in this context. Review each use of an indicator variable and remove the unnecessary ones.

1.1362-33019

This statement specifies a label that is longer than allowed by this embedded language. Check the spelling and punctuation of the statement. Refer to the embedded language manual for proper formation of label names.

1.1363-33020

This line is too long either for the host language or to fit into the internal buffers of the preprocessor. Refer to the embedded language manual and to the host language manual for rules on continuing long lines.

1.1364-33021

The specified value for the macro is too long to fit in the internal buffer. Shorten the statement and try again.

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1.1365-33022

The pathname in this INCLUDE statement is too long to fit in the internal buffers. Check the punctuation of the statement; possibly an end-quote has been omitted. If not, you will have to find a way to specify the included file with a shorter pathname. Refer to the embedded language manual for the preprocessor's rules on searching for included files.

1.1366-33023

The quoted string is too long to fit in the internal buffers. Check the statement for a missing end-quote.

1.1367-33024

The macro name of the macro statement is missing. Specify the name and try again.

1.1368-33025

The specified SQL identifier is too long. SQL identifiers are limited to 18 characters. Check the punctuation of the statement and the spelling of identifier; if all is as you intended, you will have to change the declaration to use a shorter name.

1.1369-33026

The preprocessor limits the number of nested levels to the specified value. Review the program structure preceding this point; the punctuation or keywords that close a block might have been omitted, or might not have been recognized due to an earlier error. If all is as you intended it, you will have to reorganize the code to use fewer nested blocks.

1.1370-33027

The preprocessor limits the number of levels to which records (data structures) can be nested. Working backward from this point review the declaration of records. Possibly the punctuation or keywords that close a record have been omitted or have gone unrecognized due to an earlier error. If all is as you intended it, you will have to simplify the data structure.

1.1371-33028

The compiler type must be specified as a command-line option to this preprocessor. Refer to the embedded-language manual.

1.1372-33029

No input file is named on the command line.

1.1373-33030

This DECLARE statement specifies the SCROLL keyword, but it goes on to specify an INSERT statement. Insert cursors may not use the SCROLL keyword.

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1.1374-33031

This is a warning only. You have used a label on a statement that does not generate any real code in the output file. Refer to the embedded-language manual for the correct use of labels.

1.1375-33032

You have used the WITH NO LOG option in the wrong context. It is used only when creating a TEMP table when you wish to exclude transaction log operations on it. See the Informix Guide to SQL: Syntax for the SQL syntax and proper usage of the WITH NO LOG option.

1.1376-33033

This is a warning only. You used the -xopen option, asking that the source file be checked for compliance with the XPG3 X/OPEN standard. The ITYPE, IDATA and ILENGTH field names are Informix extensions to the standard.

1.1377-33034

POWER cursors are not supported. Refer to your embedded-language manual.

1.1378-33035

You attempted to use a datetime qualifier without specifying a specific range of acceptable values for that qualifier. Define the ranges you will use to qualify the datetime qualifier. The datetime qualifier must have a beginning and ending range (For instance, year to month, day to hour, and so on).

1.1379-33036

This is a warning only. You used the -ansi option, asking that the source file be checked for compliance with the current ANSI standard. This statement uses an Informix extension to the ANSI standard.

1.1380-33037

Name is used as if it were a member of the record record-name but there is no member of that name. Check the spelling of the two names, and review the declaration of record-name.

1.1381-33038

This is a warning only. You used the -xopen option, asking that the source file be checked for compliance with the XPG4 X/OPEN standard.

1.1382-33039

You have an UPDATE statement in combination with a SELECT statement that returns only one row. The UPDATE statement requires a cursor that has been declared FOR UPDATE. See the DECLARE, SELECT, and UPDATE statements in the Informix Guide to SQL: Syntax for more information about

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cursors.

1.1383-33040

The host variable hostvar is either not declared or it is misspelled. If hostvar is not declared as a host variable, declare it. Otherwise, correct the misspelling.

1.1384-33041

The preprocessor cannot open outfile because there is not enough disk space available or you do not have system file permission to open the file. If insufficient disk space is available, make space available in the file system by deleting files or selecting another disk. If you do not have file system permission to open outfile, specify another directory or login with the required permission.

1.1385-33042

The embedded-language preprocessor cannot locate the file that you are trying to include in your program with the -I option. Check that the file is in the location that you have specified and that you have specified the location correctly. Also check that you have permission to open inputfile; if you do not, specify another directory or login with the required permission.

1.1386-33043

The preprocessor was unable to allocate more memory. If possible, reduce the number of processes that are running at the same time as the preprocessor, or reduce the size of the program. Check that adequate swap disk space exists. On DOS systems, you will need to free up some disk space.

1.1387-33044

You have specified the precision and/or the scale for a DECIMAL value incorrectly. See Chapter 3 in the Informix Guide to SQL: Reference and the appropriate INFORMIX-ESQL manual for proper usage.

1.1388-33045

This is only a warning. You have defined the macro macro-name more than once. The preprocessor uses the latest occurrence of macro-name.

1.1389-33046

This is only a warning. You cannot specify an Indicator variable for input to a host record or data structure. The indicator is ignored. An indicator variable must be associated with a single data item. If you need to use an indicator with a particular member of this record, you must list all the record members.

1.1390-33047

In this statement you use the specified record where only a simple variable is allowed. Check the spelling of names and rewrite the statement using a simple variable. See the embedded-language

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manual and the Informix Guide to SQL: Syntax.

1.1391-33049

The specified field-name is used incorrectly in the GET/SET DESCRIPTOR statement. See the GET DESCRIPTOR and SET DESCRIPTOR statements in the Informix Guide to SQL: Syntax for the correct syntax.

1.1392-33050

The statement redefines a user-defined type or subtype that has already been defined. This is not allowed. Review the declarations and use a unique name for this type.

1.1393-33051

An error in syntax was found at or near symbol-name. Check the Informix Guide to SQL: Syntax for the proper use of identifiers and the appropriate embedded-language manual for the proper use of other symbols.

1.1394-33052

This ELSE statement is not preceded by a matching IFDEF or IFNDEF statement. Review the source lines preceding this point; the preceding statement was omitted, or might not have been recognized due to an earlier error.

1.1395-33053

This ENDIF statement is not preceded by an IFDEF or IFNDEF statement. Review the source lines preceding this point; the preceding statement was omitted, or might not have been recognized due to an earlier error.

1.1396-33054

This UPDATE statement refers to a cursor declared with the SCROLL keyword. The UPDATE statement requires a cursor that has been declared FOR UPDATE to ensure that the proper level of locking is applied to the rows that will be updated. See the DECLARE statement in the Informix Guide to SQL: Syntax for more information on the correct use of cursors.

1.1397-33055

The SQL identifier id-name has already been declared. Check the spelling of names and the declarations in the current name scope.

1.1398-33056

The error errno occurred during output. Make sure that there is sufficient disk space for the output file and that you have the necessary file system permissions for the file location. Look up errno in the host operating system manual (or see the list beginning on ~@XPage #~@X88627~@Xpage 16) for the specific cause of the problem and the appropriate corrective action.

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1.1399-33057

You have specified the log preprocessor option to have error and warning messages sent to errorfile rather than standard output. However, the preprocessor cannot open errorfile because there is not enough disk space available or you do not have system file permission to open the file. If insufficient disk space is available, make space available in the file system by deleting files or selecting another disk. If you do not have file system permission to open errorfile, specify another directory or login with the required permission.

1.1400-33058

See the Informix Guide to SQL: Syntax for the valid DEFAULT clause options in a column definition.

1.1401-33060

The specified expression is incorrect. Refer to the Informix Guide to SQL: Syntax for the correct syntax and usage for this expression.

1.1402-33061

The preprocessor cannot fully expand the macro-name macro because there is a loop in the defined macros. Correct the macro in error and try again.

1.1403-33062

You have an IFDEF or IFNDEF statement that has no matching ENDIF statement prior to the end of the source file. Working upward from the end of the file, make sure that each IFDEF and IFNDEF statement is paired with a matching ENDIF. Possibly the ENDIF was not recognized due to another error.

1.1404-33063

This is only a warning. You have an EXEC SQL BEGIN DECLARE SECTION statement inside another BEGIN/END DECLARE block. This statement is ignored. However, the warning might indicate a mix-up in the structure of your program. Review all the declaration sections and make sure they are properly delimited.

1.1405-33064

This is only a warning. The specified variable appears more than once with different combinations of uppercase and lowercase letters. As this product is not case-sensitive, all these names are treated as one. If you intended these names to indicate different variables, change the name (not merely the case) of one of the variable declarations and recompile.

1.1406-33065

This is only a warning. When you use the -local preprocessing option, cursor names and statement names are prefixed with a unique tag generated from the module name. (On UNIX systems, the inode number of the source program is used as the unique tag.) The combined length of the cursor or statement name and the unique tag should not exceed 18 characters, but in the case of name, it

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does. As a result, if the same name is used in a different source module, the two names may not be distinct as requested by the -local option.

1.1407-33066

When you use the -local preprocessing option, cursor names and statement ids are prefixed with a unique tag generated from the module name. (On UNIX systems, the inode number of the source program is used as the unique tag.) In this case, id1 and id2 are at least 14 characters long and they do not differ in their first 13 characters. As a result, they are the same when the tag is added and the result trimmed to 18 characters. Change the two names to avoid name collision and try again.

1.1408-33067

This ELIF statement is not preceded by an IFDEF or IFNDEF statement. Review the source lines preceding this point; the preceding statement was omitted, or might not have been recognized due to anearlier error.

1.1409-33068

The ESQL preprocessor ELSE statement indicates the last part of an IFDEF or IFNDEF statement; another ELIF part may not follow. Review the contents of this IFDEF or IFNDEF statement and put its parts in order.

1.1410-33070

This message, which indicates that the parser stack has overflowed, rarely occurs. It might occur, for example, if your embedded-language statement (SELECT, INSERT, UPDATE, DELETE, etc.) contains an extremely large or complicated clause (WHERE, MATCHES, LIKE, etc.) that the parser is trying to process. In that case, you should break up the clause and try again.

1.1411-331

While executing the DROP DATABASE command the database server has removed all database-related files from the dbname.dbs directory and tried to remove the directory itself, but an error occurred. Check the accompanying ISAM error code for more detailed information on the cause. The most likely cause is that you or another user created non-database files in the same directory, and the directory cannot be removed because it is not yet empty.

1.1412-332

An error occurred while reading the audit trail file. Re-execute the latest statement; if the error recurs, the audit trail file is corrupt. In that case you will need to drop and restart the audit.

1.1413-33201

Fixchar character pointers are not allowed in this context. Replace the fixchar pointer with a character pointer.

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1.1414-33202

You referenced the array variable with an incorrect dimension. Correct the dimension and retry.

1.1415-33203

A pointer variable is used with the wrong number of level indirection. Check the indirection levels in this statement.

1.1416-33204

The code either includes a stray closing brace (}) or it is missing an opening brace ({). Check the code for unmatched curly braces or other incorrect punctuation such as a missing end-quote or end-comment.

1.1417-33205

The PARAMETER statement is only allowed in a function declaration block, not within a namely block nested in a function.

1.1418-33206

This is a warning. Due to the complexity of the specified DATETIME or INTERVAL variable, the qualifiers of its elements cannot be initialized properly. Compilation continues but the variable may not be initialized.

1.1419-33207

The definition of the typedef variable is too complex. ESQL/C does not support the use of multi-dimensional arrays or unions in a typdef. Simplify the typedef.

1.1420-33208

This is a warning; compilation continues. ESQL/C does not know the size of the host character variable. If the variable is used in an INTO clause, memory may be overwritten. Specify the variable as a character array with a numeric size. The numeric size can be a literal value or an ESQL/C macro value.

1.1421-33209

This is a warning. This statement does not have the necessary semicolon. Even though the preprocessor can proceed without any problems, you should add a semicolon to the statement. This will enable you to avoid future problems if code is added to this program.

1.1422-333

Before starting a new audit trail, you must drop an existing one. Use the DROP AUDIT statement.

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1.1423-334

Some problem prevents the database server from initializing the audit trail file. Make sure you have specified a complete, correct pathname for the file. Look for operating system error messages that may give more information. Common problems include a lack of disk space and file permission problems.

1.1424-335

This statement requires an audit trail to work and there is no current audit trail for the table. Either one was never started or else it was dropped. Make sure you have specified the table you intended. If this is a recovery situation (the statement was RECOVER TABLE), then make sure that the table has just been restored from a backup copy. If that is the case, then at the time this backup was made, the table did not have an audit trail. It does not help if an audit trail was specified later; there remains an unknown period between the backup and the start of auditing during which there might have been unaudited updates.

1.1425-33500

The entry on the specified line in the specified environment onfiguration file is incorrect. Modify your entry in the file (the environment variable name and/ or setting) and try again.

1.1426-33501

The SQL API cannot find the character mapping file for the specified

DBAPICODE environment variable setting and the standard code set. Check that the mapped code set exists in the message directory for your platform. In NLS-ready systems, the standard code set is defined in the LANG environment variable. In systems that are not NLS-ready, the standard code set is the default 8-bit character set.

1.1427-33502

The mapping file for the specified DBAPICODE environment variable is formatted incorrectly. The text file for the character mapping table can consist of any number of lines. A line can be a comment, or a one-to-one character map of a DBAPICODE character code to the equivalent character in the target codeset. The text file should be written in US ASCII or the codeset that has the equivalent representation of US ASCII for the significant characters (#, parentheses, numeric characters).

1.1428-336

Temporary tables cannot be audited. The commands regarding audit trails will not accept the names of temporary tables. If you did not intend to name a temporary table, check the spelling of the

table-name displayed. See the discussion of error -313 for a way to display the names of all permanent tables in the database.

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1.1429-337

Views may only be created on permanent tables. Somewhere in the SELECT statement that defines the view in this latest statement, there is the name of a temporary table, as shown. If you did not intend to name a temporary table, check the spelling of the table-name displayed. See the discussion of error -313 for a way to display the names of all permanent tables in the database.

1.1430-338

Some unexpected error occurred during the execution of a DROP AUDIT command. Check the accompanying ISAM error code for more detailed information on the cause.

1.1431-339

The audit trail file specified in the CREATE AUDIT statement must be given with a full directory path. The reason is that it is not required to be in any particular directory, so the database server cannot use the current directory or the DBPATH variable to search for it.

1.1432-34

An operating system error code with the meaning shown was unexpectedly returned to the database server. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.1433-340

The database server needs to use the audit trail file for this table and some unexpected problem prevents it. Likely causes include hardware errors, file permission problems, or the accidental erasure of the file. Look for operating system error messages that may give more information.

1.1434-3400

There are no rows in the database that match the values entered in the form. Enter different values and query again.

1.1435-341

While reading the audit trail for this table, the database server encountered an unexpected error. Likely causes include file permission problems and hardware errors. Look for operating system error messages that may give more information.

1.1436-342

This statement was sent to a database server in a different system for execution. However, that database server does not support the requested function, possibly because it is at an earlier version.

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1.1437-3420

A list or range of acceptable values has been established for this column (via an INCLUDE attribute in the form specification file). You must enter a value within the acceptable range.

1.1438-3421

This form queries the column in the table shown in joining two tables. However your account name does not have SELECT privilege for that table and column. Contact the owner of the table or a Database Administrator to be given this privilege.

1.1439-343

While reconstructing a table from the audit trail, the database server has found a discrepancy between the position of an inserted row now and the position recorded in the audit trail when the insertion was first done. This indicates one of two things: either the audit trail file has been corrupted, or else the audit trail file is incomplete, missing the record of some alterations. The table cannot be recovered as it stands. Try the operation again after making sure that the table has been restored to exactly the state it had when the audit trail was created. If the error recurs, rebuild the table by other means.

1.1440-3430

The row cannot be added to the table until a value has been entered in the indicated field. A REQUIRED attribute in the form specification file has been associated with the column. Enter a value in the field.

1.1441-344

While reconstructing a table from the audit trail, the database server has found a discrepancy between the position of a deleted row now and the position recorded in the audit trail when the deletion was first done. This indicates one of two things: either the audit trail file has been corrupted, or else the audit trail file is incomplete, missing the record of some alterations. The table cannot be recovered as it stands. Try the operation again after making sure that the table has been restored to exactly the state it had when the audit trail was created. If the error recurs, rebuild the table by other means.

1.1442-345

While reconstructing a table from the audit trail, the database server has found a discrepancy between the contents of an updated row now and the contents recorded in the audit trail when the update was first done. This indicates one of two things: either the audit trail file has been corrupted, or else the audit trail file is incomplete, missing the record of some alterations. The table cannot be recovered as it stands. Try the operation again after making sure that the table has been restored to exactly the state it had when the audit trail was created. If the error recurs, rebuild the table by other means.

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1.1443-3450

Another user, accessing a table which is queried by your form, has deleted a row that was selected by your latest query. Restart your query to get an accurate selection of rows. This error message may be returned by version 4.0 and earlier of PERFORM when querying a view, because early versions of the product did not support views.

1.1444-3451

None of the fields in this form specification permit data entry; they are all marked as either LOOKUP or as DISPLAYONLY without the ALLOWING INPUT keywords.

1.1445-3452

The table being queried is in a database that is external to the current database (the one named in the DATABASE section of the form). Such tables may not be modified. (This message is not currently used. It may be encountered with products of Version 4.0 or earlier.)

1.1446-346

While processing an UPDATE, the database server received an unexpected error. Check the accompanying ISAM error code for more detailed information on the cause. Possible causes include hardware errors and locking conflicts.

1.1447-3460

The table is currently being used by another individual. Wait a few moments and reenter your statement.

1.1448-347

The database server cannot complete a LOCK TABLE command, or the implicit LOCK TABLE that has to be performed as part of other commands which change the definition of a table, for example ALTER TABLE, RENAME, or CREATE INDEX. Check the accompanying ISAM error code for more detailed information on the cause. Possible causes include lock conflicts, a full lock table, or low-level problems with the host operating system lock mechanism.

1.1449-348

The database server, while trying to fetch a row from a table, has received an unexpected error. Check the accompanying ISAM error code for more detailed information on the cause. Possible causes include hardware errors and lock conflicts.

1.1450-349

This statement cannot be executed because there is no current database. Either no current database has been established yet, or else the current database was closed with a CLOSE DATABASE command. You establish a current database by executing the DATABASE or CREATE DATABASE command.

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1.1451-35

An operating system error code with the meaning shown was unexpectedly returned to the database server. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.1452-350

This CREATE INDEX command cannot be executed because there is already an index on the same column or combination of columns. There can be at most two indexes on any combination of columns, one ascending and one descending. You can display the indexes on a particular table by joining sysindexes and systables. Supply the table-name in the following statement.

```
SELECT * FROM sysindexes, systables
WHERE sysindexes.tabid = systables.tabid
AND systables.tabname = 'table-name'
```

The sysindexes table is not normalized (the "part" columns are a repeating group), so there is no simple SELECT that will return all the column names in an index.

1.1453-3500

To guard against typographical errors, the value in this field must be entered twice. The values entered must be identical. Carefully reenter the data. (A VERIFY attribute in the form specification file has been associated with this column.)

1.1454-35036

This error message appears only when you use the -ansi option. Revise the statement to comply to ANSI standards.

1.1455-35038

This error message appears only when you use the -xopen option. Revise statement to meet X/OPEN standard.

1.1456-351

This DROP DATABASE or UPDATE STATISTICS command cannot be carried out for the reason shown: it might destroy the work of others. In order to drop this database, you must first drop all tables owned by other users. To do this you must have Database Administrator privilege. See the discussion of error -313 for a way to list the names of all tables with their owners.

1.1457-352

The column, or one of the columns, named in this CREATE INDEX statement does not exist. Review the spellings of all columns in the statement. See the discussion of error -328 for a way to list all column names in a table.

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1.1458-35200

If you get this error, note all circumstances and contact the Informix Technical Support Department.

1.145935201

Remove SQLCODE from the SQL statement and/or remove 'IN' from the parameter list. SQLCODE is an " out" parameter only.

1.1460-35201

The cursor is not an identifier in the DECLARE CURSOR statement. It is probably given as a host variable and must be changed to a valid cursor identifier.

1.146135202

Only declare SQLCODE as an SQLCODE_TYPE parameter.

1.1462-35202

If you get this error, note all circumstances and contact the Informix Technical Support Department.

1.1463-35203

The cursor is defined more than once. You can use only one cursor for each cursor id. Rename the cursor so that it is unique within the module. Unique cursors enhance portability.

1.1464-35204

The procedure name you used has already been defined. Rename the procedure such that it is unique within the module.

1.1465-35205

You used a parameter name more than once. A parameter name must be unique within each procedure. Rename the parameter such that it is unique within the procedure call.

1.1466-35206

You must use "Ada" in the LANGUAGE clause. Either remove the LANGUAGE clause or change the language name to Ada. See Chapter 2 in the INFORMIX-Ada/SAME Programmer's Manual for more information about the LANGUAGE clause.

1.1467-35207

The name following the MODULE END clause must match the module name specified in the MODULE name clause.

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1.1468-35208

This is an internal error. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.1469-35209

This is an internal error. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.1470-35210

This is an internal error. All supported features are implemented. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.1471-35211

Use the adasame command. Refer to the syntax for preprocessor commands provided in Chapter 1 of the INFORMIX-Ada/SAME Programmer's Manual. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.1472-35212

Use either the -b or the -s option. Refer to the syntax for preprocessor commands provided in Chapter 1 of the INFORMIX-Ada/SAME Programmer's Manual. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.1473-35213

SQL statement requires a cursor id that was not declared in a DECLARE CURSOR statement. Check for misspellings or add a DECLARE CURSOR statement for this cursor.

1.1474-35214

Cursors can only be referenced in one OPEN statement. Remove multiple open cursor procedures.

1.1475-35215

A reference has been made to a host variable or procedure parameter that is not defined.

1.1476-35216

Choose either ANSI error handling with SQLCODE or Informix Ada style error handling.

1.1477-35217

ANSI requires that a LANGUAGE clause be given. Specify that the language is Ada when you develop ANSI-compliant modules. See Chapter 2 of the INFORMIX-Ada/SAME Programmer's Manual for

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more information about the LANGUAGE clause.

1.1478-35218

This error message appears only when you use the -ansi option. Include an AUTHORIZATION clause to meet ANSI standards. See Chapter 2 of the INFORMIX-Ada/SAME Programmer's Manual for more information about using the AUTHORIZATION clause.

1.1479-35219

ANSI standards require that each procedure have at least one SQLCODE parameter.

1.1480-35220

The statement refers to a cursor that has not been opened. Either remove the cursor without an OPEN statement or add an OPEN statement for the subject cursor.

1.1481-35221

CHAR(*) and VARCHAR(*) parameters cannot be used as OUT parameters change the parameter to CHAR[n].

1.1482-35222

1.1483-35223

Change the reserved word to a non-reserved word.

1.1484-35224

Use of the INTO phrase in a DECLARE cursor can result in unpredictable runtime errors. Informix recommends that the INTO phrase be moved to the OPEN and/or FETCH procedures.

1.1485-35225

Remove the referenced object from the dynamic cursor declaration.

1.1486-35227

Use of an Informix extension to the X/OPEN SQL syntax has been detected. Use an X/OPEN-compliant syntax to ensure maximum portability.

1.1487-353

This statement specifies one of the table-level privileges (ALTER, DELETE, INDEX, INSERT, SELECT, UPDATE, and ALL), but does not specify the table to which the privilege applies. When granting or

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revoking a database-level privilege (CONNECT, DBA, RESOURCE), you may not name a table, but when granting or revoking a

table-level one you must.

1.1488-354

This statement contains the name of a database or a cursor in some improper format. If the statement is part of a program, the name may have been passed in a host variable. Database names should be no longer than 18 characters for OnLine and no longer than 10 characters for INFORMIX-SE (less in some host operating systems). Cursor names must not exceed 18 characters.

Both database and cursor names must begin with a letter and contain only letters, numbers, and underscore characters. Starting with Version 6.0, database and cursor names can begin with an underscore.

In DOS systems, file names can be a maximum of 8 characters plus a 3-character extension.

1.1489-355

This RENAME statement cannot be completed because the database server got an unexpected error. Check the accompanying ISAM error code for more detailed information on the cause. Possible causes include hardware errors and file permission problems.

1.1490-356

The data types of the columns in the child constraint must be identical to those in the parent constraint.

1.1491-357

The view named is based on data from a table that has been altered since the view was defined. The alteration removed or renamed a column that is used in the view. The view can no longer be used. Drop the view and redefine it to use the current schema.

1.1492-358

These statements choose a new current database, but the present database must be closed first. Use the CLOSE DATABASE statement preceding this statement.

1.1493-359

The database that is currently open cannot be dropped. First use the CLOSE DATABASE statement; then you can drop it.

1.1494-36

An operating system error code with the meaning shown was unexpectedly returned to the database server. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

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1.1495-360

This UPDATE or INSERT statement uses data taken from the same table in a subquery. This is not allowed because of the danger of getting into an endless loop. First select the input data into a temporary table; then refer to the temporary table in the UPDATE or INSERT.

1.1496-3600

You must first establish this table as the master of another table in the INSTRUCTIONS section of the form.

1.1497-361

This is an internal error reflecting a communications problem between the database server and the application. It should not be seen. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.1498-3610

You must first establish this table as the detail of another table in the INSTRUCTIONS section of the form.

1.1499-362

There may be at most one SERIAL column in a table. This CREATE TABLE statement specifies two or more. Review the statement and remove all but one of the columns with type SERIAL. If your intent was to have a foreign key, that is, a column that refers to a SERIAL column in a different table, the type of the column in this table should be INTEGER.

1.1500-3620

You do not have insert or update privilege for the table and so cannot insert or update a column. Check with the owner of the table or the person who has Database Administrator (DBA) privilege for the database for the necessary permission.

1.1501-363

The cursor named in this statement (probably an OPEN) has been associated with a prepared statement which is not a SELECT. Review the program logic, especially the DECLARE for the cursor, the statement id specified in it, and the PREPARE that set up that statement. If the intent was to use a cursor with an INSERT statement, that can only be done when the INSERT is written as part of the DECLARE. If the intent was to execute some SQL statement, that is done directly with the EXECUTE, not indirectly through a cursor.

This error is also returned when you attempt to associate a cursor with a SELECT..INTO TEMP statement. Because of the INTO TEMP clause the SELECT can return no rows and so cannot be used with a cursor.

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1.1502-3630

PERFORM earlier created a temporary file but now cannot write into it. The most likely cause is that the disk has filled up. Alternatively, another user might have deleted the temporary file after it was created.

1.1503-364

This UPDATE...WHERE CURRENT OF cursor-name statement refers to at least one column which does not appear in the FOR UPDATE OF clause of the DECLARE statement that declared the cursor. Since specific columns were listed in the cursor declaration, the database server will not allow others to be updated. Review the declaration and the uses of this cursor. Perhaps the noted column, and others, should be added to the declaration, or perhaps the OF clause should be dropped, allowing the cursor to update any column in the table.

1.1504-365

The cursor named in this statement (probably an OPEN) was declared with the FOR UPDATE clause. However, it has been associated with a SELECT statement which joins two or more tables; or which uses UNIQUE, DISTINCT, ORDER BY, GROUP BY, or UNION; or which selects calculated values. Such a SELECT statement cannot be used in an update; there is no way to distribute the new data back into the multiple tables. Review the declaration of the cursor. If it is declared FOR statement id, also review the PREPARE statement that set up that statement. It may be that you need two cursors, one for general queries, and another specifically for updating.

1.1505-3650

The row you wish to remove is the dominant member of a verify join. You cannot remove this row without first removing any rows that join it.

1.1506-3651

Executing the statement would require that PERFORM exceed an operating system limit on the number of open files. You will have to reduce the number of tables included in the form specification.

1.1507-366

There is a problem with the precision or scale of a DECIMAL or a MONEY data type in this statement. Review all uses of these types. The first should be declared as DECIMAL(p) or DECIMAL(p,s) where p, the precision (total number of digits) is between 1 and 32, and s, the scale (number of digits to the right of the decimal point) is no greater than p. The MONEY type follows the same rules.

1.1508-3660

The row you wish to update is the dominant member of a verify join. You are not allowed to change a row value in this column that would invalidate joined rows in other tables. You must first update the rows in table-name that join this column.

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1.1509-367

This statement contains a use of the SUM or AVG function applied to a column which has a character data type (CHAR or VARCHAR). If you did not intend to take the sum or average of character strings, review the spelling of column names against the table definition. If a character column actually contains numeric values in character form, there is a way you can trick the database server into performing an automatic conversion (Version 4.0 and above). Instead of applying the function to the column name alone, apply it to the parenthesized expression (column+0).

1.1510-3670

Earlier PERFORM created a temporary file; now it cannot change the file position in that file. Perhaps the file was deleted by another user after it was created. Look for messages from the operating system that might give more detail on the problem.

1.1511-368

The version of the database server does not agree with the version of the database library routines in the application program. This must be resolved before the program can be executed. The database server is selected through the SQLEXEC environment variable (for database server versions prior to 6.0). It contains a complete pathname to the database server code, which is usually named sqlexec or sqlturbo (for database server versions prior to 6.0). The access routines linked into the program were chosen when the program was compiled. If the program you are running was supplied by Informix, then it or another Informix product may have been installed incorrectly.

1.1512-3680

PERFORM cannot get the memory data space it needs. You will have to reduce the complexity of the form.

1.1513-369

Some error has been made in the installation of your Informix product(s). Check the value in the SQLEXEC environment variable (for database server versions prior to 6.0) and INFORMIXDIR environment variable; then consult the person who installed the software and review the installation instructions.

1.1514-3690

A master-detail relationship for these two tables is specified in the INSTRUCTIONS section of the form. However, the two tables do not join. Add a join attribute in the ATTRIBUTES section.

1.1515-37

An operating system error code with the meaning shown was unxpectedly returned to the database server. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

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1.1516-370

This ALTER TABLE DROP statement would drop every column from the table. At least one column must be retained. Revise the statement to leave one column. Or if you do not want the table at all, use DROP TABLE to remove it.

1.1517-3700

Your account has not been granted SELECT privilege for the table table-name. The owner of the table, or a person who has Database Administrator (DBA) privilege for the database, can grant this privilege level to you.

1.1518-371

This CREATE UNIQUE INDEX statement cannot be completed because the column (or columns) contain one or more duplicate rows. You can either create an ordinary index, accepting the duplicate values, or you can modify the table to remove the duplicates. To get a list of the duplicate values in a single column, first create the ordinary index. Then use a SELECT statement like the following, filling in the table and column names.

```
SELECT COUNT(*), column FROM table  <
    (    GROUP BY column
        HAVING COUNT(*) > 1
```

This can be extended to handle the case of multiple columns using AND.

1.1519-3710

Your account has not been granted UPDATE privilege for the table table-name. The owner of the table, or a person who has Database Administrator (DBA) privilege for the database, can grant this privilege level to you.

1.1520-372

Once an audit trail has been started for a table, the table may not be altered. If it is necessary to alter the table, do the following. Copy the table to a backup medium. Use DROP AUDIT to remove the audit trail. Delete the audit trail file. Alter the table. Again, copy the table to a backup medium. Finally use CREATE AUDIT to start a new audit trail. The first backup is needed to restore the table if there is a failure while the table is being altered (a lengthy, disk-intensive procedure if the table is large). The second backup is required because, if the table has to be recovered later, the new audit trail must be applied against a backup that has the same layout of columns.

1.1521-3720

Your account has not been granted INSERT privilege for the table table-name. The owner of the table, or a person who has Database Administrator (DBA) privilege for the database, can grant this privilege level to you.

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1.1522-373

While trying to locate a database using the DBPATH environment variable, the database server has constructed a full path string that exceeds its limit of 80 characters. This is a limit on the length of one complete database directory pathname, from the starting slash or backslash through the .dbs suffix. You will have to locate your databases higher up in the directory hierarchy in order to use them. (The message text is misleading; there is no specific limit on the total length of the contents of DBPATH.)

1.1523-3730

Your account has not been granted DELETE privilege for the table table-name. The owner of the table, or a person who has Database Administrator (DBA) privilege for the database, can grant this privilege level to you.

1.1524-3731

The database server cannot open the file that represents this table. You may have exceeded an operating system limit on open files; if that is the case, then you will have to reduce the number of tables included in the form. However, first make sure that in the database directory (its name is database-name.dbs) there is a file for this table and that your account has read access to it. The name of the table file is composed of table-name, a three-digit number, and the suffix .dat.

1.1525-374

This query has both a UNION and an ORDER BY clause. In a union query, where there are several select statements and the names of the selected columns in each are not necessarily the same, you may not use column names in the ORDER BY clause. Instead you must use column position numbers, where 1 stands for the first selected column, 2 for the second, and so on. Rewrite the query to use only numbers in the ORDER BY clause.

1.1526-375

While trying to execute a START command, the database server got an unexpected error trying to create the transaction log file. Check the accompanying ISAM error code for more detailed information on the cause. Typical causes include a shortage of disk space, file permission problems, or a limit on the number of open files.

1.1527-3750

This message is not returned by any current Informix product. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.1528-3751

This message is not returned by any current Informix product. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

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1.1529-3752

This field is defined (in the form specification file) with a PICTURE attribute to specify its format. You are not allowed to use certain editing keys (for example, CTRL-A, CTRL-D, and CTRL-X) while you are editing such a field. Enter the value using printable characters and backspace only.

1.1530-3755

The field tag name passed to the C function pf_nxfield() is the name of a display-only field. Since the user is not allowed to enter data in a display-only field, the cursor cannot be located in one. Check the tagname supplied; if it is the one intended, review the attributes of that field and find out why it has been set display-only.

1.1531-3756

The specified field is not in the current table. The cursor is not allowed to enter such fields and values cannot be set in them.

1.1532-3757

The data type of the value passed to pf_putval() could not be converted into the data type of the screen field tag-name. Review the value and the valtype flag versus the data type of the field in the form definition.

1.1533-3758

The field tag name passed to the C function pf_nxfield() is the name of a field that is not in the current table. The cursor is not allowed to enter such fields.

1.1534-3759

The field tag name passed to the C function pf_nxfield() is not defined in this form. Review the string passed; if it is as intended, inspect the form definition to see what has been changed. A common error is to confuse the tag name, which is used in the screen layout and to the left of the equals sign in the ATTRIBUTES section, with the field-name which is the column name used to the right of the equals sign in the ATTRIBUTES section. The latter is used when referring to fields.

1.1535-376

The transaction log file you specify in the WITH LOG IN clause must not already exist. The database server must start a log file fresh; it has no means of appending log data to an old log file. An existing log file contains recovery information that may be crucial, so it will not simply empty an existing file. To make a full archive: lock the database; copy all of the database directory to a backup medium; erase the log file (it is no longer needed); use the START command. To make a partial archive: lock the database; copy the log file to a backup medium and store it with the full archive; erase or rename the log file; use the START command.

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1.1536-3760

An IF-THEN-ELSE statement in the INSTRUCTIONS section of the form uses the keyword MATCHES to compare two fields. However, at least one of the fields is not a character field, and MATCHES can be used only with character fields. Review all uses of MATCHES in the INSTRUCTIONS section to make sure it is applied only to character fields.

1.1537-3761

A division expression in the INSTRUCTIONS section has a zero divisor. Review all uses of division in the INSTRUCTIONS section, looking for any that might have a denominator of zero (possibly the denominator is a field into which the user entered a zero). Protect these expressions with tests for zero using IF-THEN-ELSE.

1.1538-3762

The INSTRUCTIONS section of the form includes a call to a function funcname, and sperform assumes this is the name of an external C function. However, the name and address of each such function must appear in a static array named userfuncs. That array, along with the machine code of the external functions, is linked with a custom version of sperform. Since name did not appear in the array, sperform cannot call it.

Check that you are executing the correct, customized version of sperform (the original version of the program has no external functions linked to it). Check to see if funcname is correctly spelled. Then examine the source of the C functions to make sure that the userfuncs array is defined correctly.

1.1539-3763

The Informix software product has been improperly installed. Review the installation procedure. If you need help, contact your Informix representative.

1.1540-3764

PERFORM cannot operate in a screen or window smaller than 6 lines by 30 columns. You must increase the size of the terminal window in which you are executing perform. Six lines by 30 columns is the absolute minimum; however, the window must also be large enough to contain the form that will be displayed.

1.1541-3765

The screen image as defined in the form file is larger (either wider or taller) than the dimensions of the current window. If the current window is the main window, its size is set by the dimensions of the terminal in use. If the current window was opened with OPEN WINDOW, then more rows or columns should be specified. Review the form file and either reduce the size of the screen image or display it as a bigger window.

1.1542-3766

This message displays the command line option of the sperform program.

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1.1543-3767

Make sure you have typed the correct command line option.

1.1544-377

This statement (DATABASE, CREATE DATABASE, or CLOSE DATABASE) cannot be executed until the current transaction has been finished. Use either COMMIT WORK or ROLLBACK WORK. Then the database can be closed.

1.1545-378

A row of a table needed by this statement is not accessible because it has been locked. Check the accompanying ISAM error code for more detailed information; it will probably be one of -107, -113, -134, -143, -144, or -154, each noting a slightly different relationship between your program and the other user's program. You can prevent most (but not all) occurrences of this error with SET LOCK MODE TO WAIT.

For database server versions prior to Version 4.1, this error message is produced in conjunction with the UPDATE and the DELETE WHERE CURRENT OF statements only. In Version 6.0, this error message is no longer used.

1.1546-379

In the GRANT statement you can grant UPDATE or SELECT privilege on specific columns. However, the REVOKE statement accepts only the keywords for the type of privilege; you cannot revoke access to specific columns. If you want to change the columns allowed to a certain user, you must first REVOKE the privilege in full, then GRANT it on the new list of columns.

1.1547-38

An operating system error code with the meaning shown was unexpectedly returned to the database server. Look for operating system error messages that might give more information, particularly the operation in question and the processes that are involved. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.1548-380

The database server, while trying to initialize a transaction log file, received an unexpected error. Check the accompanying ISAM error code for more detailed information on the cause. Typical causes include hardware errors and file permission problems.

1.154938002

An unknown event mnemonic or code was encountered in the audit trail. Check the event mnemonic or code, correct the command line or the load file, and try again.

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1.155038005

You have specified an invalid pathname. Check your entry and try again.

1.155138006

You have specified an invalid filename. Check your entry and try again.

1.155238007

You do not have read permission for the specified file. Check the permissions and try again.

1.155338008

The specified file cannot be created. Check the path and directory permissions and try again.

1.155438010

The set_msg function has exceeded the allocated storage in the error buffer. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.155538047

You have entered a serial number that is not valid. Check the installation instructions for your product and try again.

1.155638053

Your add command for onaudit is incomplete; you did not specify a user name. Check the usage information and try again.

1.155738054

Your modify command for onaudit is incomplete; you did not specify a user name. Check the usage information and try again.

1.155838055

Your command line for onaudit has incorrect or incomplete syntax. You have specified an unknown option. Check the usage information and try again.

1.155938060

The database server failed to parse the mask/role/event definition in a load file. Edit the load file and try again.

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1.156038061

Your command line for onaudit has incorrect or incomplete syntax. Actions must be the first argument. Check the usage information and try again.

1.156138062

Your command line for onaudit has incorrect or incomplete syntax. You have not included a required argument with an option. Check the usage information and try again.

1.156238064

Your command line for onaudit has incorrect or incomplete syntax. You have specified more than two event sets. Check the usage information and try again.

1.156338065

Confirm that the INFORMIX-OnLine Dynamic Server is up and try again.

1.156438083

The mask that was defined in a load file already exists. Either edit the load file or delete the existing definition.

1.156538084

The -O option is not implemented for this platform. Delete it from the command and try again.

1.156638085

The database server could not locate the $INFORMIXDIR/etc/$ONCONFIG file, and/or the ADTPATH and/or DBSERVERNAME is not defined.

1.156738086

The audit trail traversal contains a parsing error . Check the path and directory permissions and try again.

1.156838088

This general onaudit failure message could indicate that a command is incorrect or incomplete , the database is inaccessible, or the user is not informix. Check the permissions, ID, and command-line syntax and try again.

1.156938089

This general onaudit failure message could indicate that a command is incorrect or incomplete , the database is inaccessible, or the user is not informix. Check the permissions, ID, and command-line

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syntax and try again.

-1.157038090

The database server could not overwrite an existing audit trail file. This message might appear when the INFORMIX-OnLine Dynamic Server comes up and ADTPATH holds old audit data. Remove all old audit trails.

-1.157138091

The database server could not open the next audit file because the call to aio_fopen() failed. Make sure that ADTPATH points to a valid directory to which the user or group informix can write.

-1.157238092

The database server could not open the next audit file because the call to aio_fopen() failed. Make sure the ADTPATH points to a valid directory to which the user or group informix can write.

-1.157338093

The database server could not write the current audit record to the audit trail file. Make sure that ADTPATH points to a valid directory to which the user or group informix can write and that space is available. Also, check the directory and audit trail file permissions.

-1.157438094

The ONCONFIG file contains a bad parameter. Fix the ONCONFIG file so that the parameter is 0/1.

-1.157538095

The ONCONFIG file contains a bad parameter. Fix the ONCONFIG file so that the parameter is 0/1.

-1.1576-381

The privilege you are trying to grant is one that was first granted to you WITH GRANT OPTION. The user who made that grant is among the list of users in this present command. For security reasons, you may not do a reciprocal grant. Rewrite the statement leaving out the name of your original patron. To see a list of the users to whom you may not grant, query systabauth as follows:

```
SELECT grantor FROM systabauth WHERE grantee = USER
```

-1.1577-382

In this VIEW statement you have listed the names of the columns of the view. However, their number is different from the number of columns in the SELECT statement for the view. Check the punctuation of the two lists and make sure that you have supplied a name for each item in the select list.

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1.1578-383

In this VIEW statement you have not listed specific names for columns. That is allowed when the SELECT selects only simple, named columns. However, the SELECT statement here selects one or more expressions. You must give names to these columns in a parenthesized list following the name of the view. Since there is no means of giving names for only some of the columns, you must list names for all.

1.1579-384

This statement attempts to modify (insert, delete, or update) rows in a view. However, this view is not modifiable. The reason is that the view is based on a SELECT statement that joins two or more tables, or one that selects calculated values or literal values. (You can DELETE from a view that selects from a single table even if some calculated values are selected.) You will have to direct the statement against the actual table on which the view is based.

1.1580-385

This statement attempts to put data into a view which was defined WITH CHECK OPTION, meaning that new data has to satisfy the tests in the WHERE clause in the view. However, one or more of the data values in this current statement do not meet that test, so the alteration was not performed. Roll back the current transaction. To see what tests new data must satisfy, display the definition of the view, as follows:

```
SELECT            seqno, viewtext FROM sysviews, systables
WHERE           systables.tabname = 'viewname'
AND           systables.tabid = sysviews.tabid
ORDER BY            seqno
```

1.1581-386

This ALTER TABLE statement contains a MODIFY clause that assigns the NOT NULL attribute to an existing column. However, that column already contains one or more null values. The modification cannot be done until the null values have been deleted or updated to some non-null value.

1.1582-387

The database requested in this statement is not accessible to you because you have not been granted CONNECT privilege to it. Contact a person who has Database Administrator privilege to that database and ask to be granted CONNECT privileges to it.

1.1583-388

If you issued a CREATE TABLE, CREATE INDEX, or CREATE PROCEDURE statement, you cannot execute this statement because your account has not been granted RESOURCE privilege in this database. You need the RESOURCE privilege to create permanent tables, indexes on permanent tables, and procedures.

If you issued a SET statement, START VIOLATIONS TABLE statement, or STOP VIOLATIONS TABLE statement, you cannot execute this statement because your account has not been granted RESOURCE privilege in this database. You need the RESOURCE privilege to execute the SET statement for a

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constraint, trigger, or index defined on a table in the current database. You also need the RESOURCE privilege to execute the START VIOLATIONS TABLE or STOP VIOLATIONS TABLE statement on a base table in the current database.

To recover from this error, contact a person who has the DBA privilege on this database and ask to be granted the RESOURCE privilege on the database.

1.1584-389

This statement cannot be executed because your account has not been granted DBA (Database Administrator) privilege to this database. Contact a person who has DBA privilege to the database and ask to be granted DBA privileges to it (or simply ask to have this statement executed for you).

1.1585-39

An operating system error code with the meaning shown was unexpectedly returned to the database server. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.1586-390

This CREATE SYNONYM statement names a synonym that is already in use. To see all the synonym and table names currently defined, query systables as follows.

```
SELECT tabname, owner FROM systables WHERE tabid > 99
```

1.1587-391

This statement tries to put a null value in the noted column. However, that column has been defined as NOT NULL. Roll back the current transaction. If this is a program, review the definition of the table and change the program logic to not use null values for columns that cannot accept them.

1.1588-392

This is an internal error that should not occur. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.1589-393

This query requests an outer join, but one or more conditions in the WHERE clause interfere with the dominant-subservient relationship. Review the query, making sure that every condition that relates two tables is actually necessary.

1.1590-394

The named view cannot be dropped as it does not exist. To see names of existing views, query systables as follows.

```
SELECT tabname FROM systables WHERE tabtype = 'V'
```

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1.1591-395

This query requests an outer join, but the WHERE clause is written so as to imply selecting every row of the subservient table for every row of the dominant table, resulting in a very large output. Review the query, making sure that there is at least one condition that relates each preserved-subservient pair of tables in the query.

1.1592-396

This query requests an outer join, but the WHERE clause contains a condition relating a nested subservient table to a preserved table that is not its immediate parent. This is not supported. Review the query, making sure that every condition relating two tables is between a preserved table and its immediately subordinate table.

1.1593-397

This is an internal error and should not occur. The database server has encountered something in one or more of the system catalog tables that violates integrity constraints. Run the tbcheck or oncheck (for OnLine) or the bcheck or secheck (for INFORMIX-SE) utility. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.1594-398

This error message is produced by an attempt to use an UPDATE or a DELETE WHERE CURRENT OF statement. This statement would modify a table through a cursor. However, this database uses a transaction log. When that is the case, modifications done through a cursor must be placed within the bounds of a transaction.

Review the program logic and make sure that it executes a BEGIN WORK statement prior to this statement and that it ends the transaction at some reasonable point. If the program has to work with databases that do use transactions and also those that do not, you can have it check the second element of the sqlwarn array of the SQL Communications Area. This will contain the letter W following a DATABASE statement if the database has a transaction log, and a space if it does not.

1.1595-399

This query refers to a table named syslog. While there is a row in the systables catalog that has syslog in the tabname column, this is only a convenient place to store the pathname to the transaction log file. There may not be a table named syslog in a database with logging under INFORMIX-SE. (In general it is not a good idea to use table names that start with sys-, but syslog is not allowed.)

1.1596-3999

This error should not occur. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

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1.1597-4

An operating system error code with the meaning shown was unexpectedly returned to the database server. You might have pressed the interrupt key at a crucial moment, or the software might have generated an interrupt signal such as the UNIX command kill. Look for other operating-system error messages that might give more information. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.1598-40

An operating system error code with the meaning shown was unexpectedly returned to the database server. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.1599-400

This FETCH statement names a cursor that has never been opened, or which has been closed. Review the program logic and make sure that it will open the cursor before this point, and not accidentally close it. Be aware that unless a cursor is declared WITH HOLD, it is automatically closed by a COMMIT WORK or ROLLBACK WORK.

1.1600-4000

This statement attempts to declare one of the intrinsic members of this class (the class constructor, or the !copy() or !derive() function) as SHARED. You can declare these functions in order to extend them, but the declaration cannot specify SHARED.

1.1601-4001

This CLASS statement attempts to declare a class with the same name as a built-in data type such as INTEGER. Find a different name for your class.

1.1602-4002

The indicated argument expression or default argument expression is not compatible with the declared type of that function argument. Review the declaration of the function to see what type is expected.

1.1603-4004

The compiler is aware of the member, but the access control for the member makes it inaccessible in the statement. Check for a PUBLIC, PRIVATE, or PROTECTED declaration. Note that member variables default to PROTECTED access, while member constants and member functions default to PUBLIC.

1.1604-4005

This FUNCTION declaration in a class declaration names a member that is inherited from a base class of this class. However, that inherited name is declared as PRIVATE, so it cannot be overridden in this class. Review the declarations of all base classes; then choose a name for your function that

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will be unique to this class.

1.1605-4007

This statement refers to record.name. While the variable record is indeed a record, name is not the name of one of its component fields. Find the definition of record (it may be in the GLOBALS file) and verify the names of its fields. Then correct the spelling of name.

1.1606-4009

A default value expression in this function declaration refers to the value of a normal member variable of this class. This is not supported. Default value expressions can refer to variables but they must be declared at the module level, or be shared members of classes.

1.1607-401

This FETCH statement passed a cursor data structure that is invalid, or a null pointer. Possibly the cursor has been freed with the FREE statement, or possibly the cursor data structure has been overwritten in memory.

This error code is not returned by any database server at Version 5.0 or later. See errors -267 and -404.

1.1608-4010

This INCLUDE statement names a file that the compiler cannot find. If a complete pathname is used, the file does not exist. Check the spelling of all the directories and the filename. If only a filename is given, that file could not be found in the current directory, in $INFORMIXDIR/incl, or in any directory specified in a -H compiler argument. Perhaps one of these arguments was omitted or misspelled.

1.1609-4011

This statement refers to a class of the indicated name, but no such class has been declared to this point in the source module. Check the spelling of the name. Make sure that all desired include files have been included.

1.1610-4012

This function declaration is followed by a colon, classname, and argument list, in short, a base clause. This syntax is used only when declaring the constructor function for a class (the function whose name is the same as the name of the class), in order to specify function arguments to the base class's constructor.

1.1611-4013

The supported intrinsic member functions are !copy(), !derive(), and the classname (the constructor). No other functions can be declared with an initial exclamation mark. Check the spelling of name. If it is not one of the supported names, declare the function as a normal member function.

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1.1612-4014

This declaration of an intrinsic member function includes a RETURNING clause. This is not supported. The returned value from an intrinsic member function is defined by the compiler. Omit the RETURNING clause.

1.1613-4016

This class declaration contains no member functions. A class must contain at least one, because the point at which the first (or only) member function is defined is also the point at which the class itself is defined. If the class has no other members, declare its constructor function. Since the constructor is declared, it must also be defined (although the definition need not contain any statements beyond FUNCTION and END FUNCTION unless you wish).

1.1614-4018

This statement refers to some table first THRU (or THROUGH) last; however first and last are not both columns in that table. Check the spelling of these column names. Make sure that the correct database is current at this point in the compilation (the most recent preceding DATABASE statement).

1.1615-4019

This statement makes reference to some aggregate (table, record, or object) with the qualification " first THRU (or THROUGH) last". However first and last do not appear in that order in the aggregate; last precedes first. Check the spelling of the two names. Make sure that the correct database is current at this point in the compilation (the most recent preceding DATABASE statement).

1.1616-402

Review the way the program constructs the sqlda and related data structures; somehow it is setting up a null pointer. If the program is in INFORMIX-4GL or another language in which the sqlda is not constructed directly by the program, or if this statement refers only to host variables by name, this error should not occur. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.1617-4020

This statement tries to invoke class::member(), either directly or as object.member(). However, there is no such member function available from that class. Check the spelling of the member name and the class or object name. If the reference is class::member(), review the declaration of the class for the right spelling of its members' names. If the reference is through an object, make sure the object is declared as having the class you thought. Note that you can only call members of an object's stated class (the class it is declared to have). If you want to call a member of an actual class (the class that you think will be present at execution time), use the CAST operator.

1.1618-4021

You cannot use SELF regardless of letter case as the name of a member variable, member constant, or member function. The identifier SELF is a built-in identifier automatically provided by NewEra. You

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can refer to SELF to make your code more readable when a member has the same name as an identifier declared as in the global or module scope, or to access a member when a local entity has the same name.

1.1619-4022

Keywords cannot be used to name a function, report, variable, or constant. Consult the INFORMIX-4GL Language Reference for a list of reserved words.

1.1620-4023

This CLASS statement asserts that the class is DERIVED FROM itself. This is not supported. Either remove the clause or name another base class.

1.1621-4024

Multiple declarations of a given name in a given scope must be consistent, that is they must have the same type. The identifier shown has been declared with a different type.

1.1622-4025

A function with the specified name already has been declared in the current class.

1.1623-4026

A derived class inherits all the members of its base classes. You cannot add a member that has the same name as a member from the base class.

1.1624-4029

This statement refers to .name as if name were a member of a record or of a class. However, the expression preceding the dot is neither the name of a record nor a reference to an object. If you think name is a member of a record, check the definition of the record and make sure its name is correctly spelled immediately preceding the dot. If you think name is a class member, make sure that the dot is preceded by an expression that yields a reference to an object of the right class.

1.1625-403

This is an internal error that shows a problem in the communication between the database server and the library functions that call it. Make sure that your program is at the same software level as the database server in use. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.1626-4030

An expression cannot have multiple “.*” suffixes.

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1.1627-4032

The statement included a THRU phrase of the form

rec.first THRU rec.last

but the correct form is

rec.first THRU last

The logic is that "first THRU last" modifies "rec."

1.1628-4033

This statement attempts to declare a class name, but it also specifies a DERIVED FROM clause. One of the members inherited from that base class is called name. The name of a class cannot be the same as the name of one of its members, because the constructor function must use that name. Review the inheritance for this new class and then choose a different name for it.

1.1629-4034

The compiler was invoked with the "-nosql" switch, but the source included either explicit SQL statements or a two-pass report (which involves SQL statements). Compiling with the "-nosql" causes generation of .c code (instead of .ec code) in which no SQL statements are allowed.

1.1630-4035

The parent class of the function "name" has an access permission (PRIVATE, PROTECTED, or PUBLIC) different from this declaration.

1.1631-4036

The base class of the function "name" is declared as SHARED and "name" is not, or "name' is declared as SHARED and its base class is not.

1.1632-4037

Although it is possible to declare multiple distinct versions of a user-defined function, it is not possible to do this for functions defined by Informix Software, Inc., such as name.

1.1633-404

Review the way the program constructs the sqlda and related data structures; somehow it is setting up a null pointer. If the program is in INFORMIX-4GL or another language in which the sqlda is not constructed directly by the program, or if this statement only refers to host variables by name, this error should not occur; contact the Informix Technical Support Department.

This error code is returned with the meaning shown only by Version 4.1 and earlier database servers. For database servers starting with Version 5.0, see the next entry.

-404 The cursor or statement is not available.

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This statement names a cursor which has been released with the FREE statement. Review the program logic and make sure that the cursor specified is declared and opened, but not freed, prior to reaching this statement.

This error code (-404) has this meaning when returned by Version 5.0 and later database servers. For older database servers, see the previous entry.

1.1634-4041

This INCLUDE..AGAIN statement specifies a file that includes itself. If you force it to be included, a loop will follow. Make sure this really the file you intended to include. Review the contents of the file.

1.1635-4042

The declaration for identifier::identifier can appear only in the global scope.

1.1636-4043

This statement tries to declare an EXTERNAL classname::membername. A program cannot declare a shared member variable using a global EXTERNAL declaration. The proper way to accomplish this is to include the class description of which it is a SHARED member.

1.1637-4044

This statement tries to access class::name. However, there is no such variable or constant defined for that class. Check the spelling of the member name and the class or object name. If the reference is class::name, review the declaration of the class for the right spelling of its members' names. If the reference is through an object, make sure the object is declared as having the class you thought.

1.1638-4045

The identifier name is defined in the class, but as something other than a variable or a constant, such as a member function. Check the spelling of the member name and the class or object name.

1.1639-4046

A formal declaration for this function appeared previously in this source module. At this point a definition in the informal function syntax appears.

1.1640-4047

A function declaration has blended informal (FUNCTION program block) and formal (FUNCTION prototype) syntax. The parenthesized list of arguments gave only names, with the types to be defined later in a VARIABLE statement, but the declaration then continued with a RETURNING clause, available only in the FUNCTION prototype style of declaration. Consult the INFORMIX-4GL Language Reference.

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1.1641-4048

This statement defines a record variable and uses initialization expressions when declaring one or more members. This is not supported. You can only use an initialization expression when defining a simple variable.

1.1642-405

Review the way the program constructs the sqlda and related data structures; somehow it is setting up a pointer that is not word-aligned. Also, make sure that all host variables are aligned on proper address boundaries for their types. If the program is in INFORMIX-4GL or another language in which the programmer has no control over storage alignments, this error should not occur. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.1643-4050

A call to this function appears prior to this declaration of it. Calls to undeclared functions are supported only for compatibility with previous versions of the 4GL language. When the compiler encountered the call to the function it assumed an informal declaration for it. Move the declaration of the function to the top of the source module so that it precedes calls to it.

1.1644-4051

This statement tries to invoke class::member(), either directly or as object.member(). The class has a member of that name, but it is a member variable, not a function. Check the spelling of the member name and the class or object name. Review the declaration of the class for the right spelling of its members' names.

1.1645-4052

A constant or variable is used that is not locally defined, so the compiler assumes it is to be globally defined, but does not find it there either.

1.1646-4053

The function described in this FUNCTION statement has already been declared, and the previous declaration disagrees with this one in the number or type of the arguments. Review included files for declarations of this function and make those statements consistent.

1.1647-4054

The function described in this FUNCTION statement has already been declared, and the previous declaration disagrees with this one in the number or type of returned values. Review included files for declarations of this function and make those statements consistent.

1.1648-4055

This FUNCTION declaration in a CLASS statement specifies a function whose name is the same as the name of a base of this class. In other words, you are trying to override the constructor function of a

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base class. This is not permitted. Review the names of members inherited by this class and choose unique names for its member functions.

1.1649-4057

This statement declares a new class with a DERIVED FROM clause. However, the specified base class has one or more intrinsic functions (class constructor, function such as !copy()) which are declared PRIVATE. The intrinsic functions of a base class must be available for calling from within the same functions of the derived class. Private members cannot be called so; therefore you cannot derive a class from a base class with private intrinsic functions. Make sure you specified the correct base class; and review its declaration.

1.1650-4058

A class name followed by the name of a member variable or constant is not allowed in this context.

1.1651-4059

This statement invokes function name but it specifies more argument expressions than were called for in the declaration of function name. Check the syntax of the argument list. Review the declaration of the function for the expected number and type of arguments.

1.1652-406

Something in the current statement required the allocation of memory for data storage, and the memory was not available. Several things can cause this error, including: your application has a memory leak; you are asking for more resources than the system is configured to allow; there is a problem with the UNIX system itself that will require rebooting the system.

Roll back the current transaction. Look for ways to make this statement simpler or move less data. Also, confer with your UNIX system administrator to solve memory problems or to look for ways to make the operating system give this program more virtual memory in which to run. On DOS systems, exit to the operating system command line, free up some disk space, and resubmit your program.

1.1653-4060

This statement invokes function name but it specifies fewer argument expressions than were called for in the declaration of function name. Check the syntax of the argument list. Review the declaration of the function for the expected number and type of arguments.

1.1654-4062

The function name is called at more than one place in this source module, and is implied to return different numbers of arguments. Possibly this correct; it is possible to write functions that return different numbers of values in different circumstances. However you should check that this is the case, and that the expected number of values will be returned in each case.

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1.1655-4063

This statement invokes the function "name" in a context that implies it should return one or more values. However, that function has been declared earlier in this module without a RETURNING clause, or with RETURNING VOID. Make sure you have called the function you intended; then review its declaration.

1.1656-4064

The function "name" was not explicitly declared, but has already been called with one prototype, and the current call provides a different prototype. Make sure you have called the function you intended, then review its earlier call or create an explicit declaration for it.

1.1657-4065

There are two or more ON EXCEPTION statements for the same exception class in this block. Only one can be invoked. Review the statements and make sure that each specifies the correct exception class, and remove or combine duplicate handlers.

1.1658-4066

Among the intrinsic functions of NewEra classes, only the !receive() intrinsic function of class ixValue (and its derived classes) supports the RETURN statement. You cannot include RETURN in the definition (nor RETURNING or RETURNS in the prototype) of any other intrinsic function.

1.1659-4067

This RETURN statement does not specify a value to return, but the function was declared with a RETURNING clause that specified other than VOID. If you want to terminate a function early without producing a value, you could put a label on the END FUNCTION statement and use a GOTO, or redesign the function logic to avoid the need for an early exit.

1.1660-4068

This statement invokes a class member function using the double-colon syntax. However, the specified member function was not declared as SHARED. Only shared member functions can be called this way; normal member functions must be called through a reference to an object because they need the object reference as the value of their SELF reference. Make sure that you have specified the class and member that you intended, then review the declaration of that class.

1.1661-4069

This statement attempts to invoke the specified function using either the scope resolution (::) operator or the record membership (.) operator. However, the name to the left of the scope resolution operator is not the name of a class in which name is a member, or the name to the left of the record membership operator is not the name of an object reference of which name is a member. If you intended to call name through a reference to an object, use object.name syntax. Otherwise make sure you have specified the class and member names that you intended, and review the declaration of the class.

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1.1662-407

This is an internal error that shows a problem in the communication between the database server and the library functions that call it. Make sure that your program is at the same software level as the database server in use. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.1663-4070

This statement would assign a new value to the implicit function argument named SELF. Since the value of SELF is used implicitly in any reference to a member of the self object, assignment to it is not permitted.

1.1664-4071

This statement would assign a new value to name, but name was declared (in this scope) with a CONSTANT statement. Constants do not have memory locations and cannot be assigned new values. Make sure that name is the identifier you intended to use. Then review its declaration. Possibly you want to assign into a module-level variable name, but it has been declared as a local constant or a member constant which takes precedence in this context.

1.1665-4072

The statement attempted to perform an expansion, but failed. The expansion was of the form object.* but the object named does not have any public member variables, so the expansion set is empty. Check that you are referring to the right class and member.

1.1666-4073

This statement makes a reference to some structure (table, record, or object) with the qualification " first THRU (or THROUGH) last". However first or last does not appear as an element of that aggregate. Check the spelling of the two names.

1.16674074

This is a 4GL compiler message. You need a C compiler to finish compiling your program. Change your execution path so that a C compiler can be executed under the name cc.

1.1668-4074

The substring qualifier consists of a pair of integer expressions, separated by a comma and surrounded by brackets (example: name[1,23]). The first value cannot be larger than the second, and both must be positive and no larger than the string length (or the declared length of the receiving data type).

1.1669-4075

The compiler expected a string expression, but found an expression that was neither type CHAR nor type VARCHAR.

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1.1670-4076

You cannot cast an object to any class; you can only cast it as being of a class derived from its stated class. In the CAST expression in this statement, the stated class of the object reference on the left is not a base class of the class named as the right argument. Review the expression to make sure you have specified the object you intended (possibly you need to use parentheses around the object reference) and the target class.

1.1671-4077

The operator cannot accept operands of this type. Correct any other errors that may have been reported, and verify that this operator is defined for operands of this type. Then compile the program again.

1.1672-4078

The operator has been directed to operate on an invalid type. Perhaps a function returns VOID, or returns a blob (TEXT or BYTE), or FOREIGN result. Note that blob and FOREIGN operands can be operated upon by IS NULL and IS NOT NULL operators, and can receive assignment from other operands of the same type or NULL.

1.1673-4079

An operation such as expansion (.*), COPY, NEW, or THRU was attempted in an index expression.

1.1674-408

This is an internal error that shows a problem in the communication between the database server and the library functions that call it. Make sure that your program is at the same software release level as the database server that is in use. If so, please refer to the "OnLine Administrative Guide," Appendix B, 'Trapping Errors' to acquire additional diagnostics. Contact Informix Technical Support with the diagnostic information.

1.1675-4080

The compiler was optimizing expressions, and found an expression composed of literal values, at least one of which was NULL.

1.1676-4081

A "-" operator occurred with a DATETIME operand. There are no negative points in time. An INTERVAL can be negative, but a DATETIME cannot. Inspect the syntax of the expression and revise it to make it greater than or equal to zero.

1.1677-4082

This statement uses the MATCH or LIKE operator with an argument expression that is numeric or binary. There is no automatic conversion of data types in this case. Examine the expression and, if it is written as you intended, revise it to assign the values to character variables (thus forcing their

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conversion to character) before using them with MATCH or LIKE.

1.1678-4083

This is only a warning. This statement declares a variable with both the EXTERNAL keyword and an initialization expression. You can only initialize a variable at the point it is defined, that is, where memory is allocated for it. This is a declaration, not a definition, so the initialization is ignored.

1.1679-4085

The statement attempted to output an expression of a type that cannot be output, such as FOREIGN, or an expression that includes an invocation of a function that returns VOID.

1.1680-409

Your application contacts the database server process while it starts up. This is done using the value in the SQLEXEC environment variable (for database server versions prior to 6.0); it should point to one of two executable files: sqlexec for INFORMIX-SE or sqlturbo for INFORMIX-OnLine (versions prior to 6.0). Ordinarily these will reside in the lib subdirectory of the directory named by the INFORMIXDIR environment variable. Check that your SQLEXEC environment variable is indeed set up properly, and that your account has access to these directories and files.

1.1681-4091

The compiler attempted to convert the result of one expression to conform with the type of another expression, and only one of them was an ARRAY. Either both must be of type ARRAY or neither can be.

1.1682-4092

The compiler attempted to convert the result of one expression to conform with the type of another expression, and only one of them was a CLASS. Either both must be of type CLASS or neither can be.

1.1683-4093

The compiler attempted to convert the result of one expression to conform with the type of another expression, and only one of them was a RECORD. Either both must be of type RECORD or neither can be.

1.1684-4094

The compiler was attempting to process a comparison between two string types (such as comparing function signatures), and the two strings had different bounds.

1.1685-4095

In this multiple-field assignment the values being assigned do not correctly match to the fields in the receiving record or object. Examine the syntax of the value expression(s); then review the declaration of the receiving variable.

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1.1686-4096

The statement attempted to assign a value of one class to an object of a different class that is not derivable from the former class.

1.1687-4097

This class has been declared previously in the source module (perhaps in an included file). Only one declaration is allowed. Find all declarations of the class and reduce them to one.

1.1688-4098

This statement refers to name.* (or uses THRU notation); however the name it refers to is not declared as a record or as an object of some class. Check the spelling of the name and review its declaration.

1.1689-4099

The right argument to the CAST operator in this statement is not the name of a class. Review the syntax and spelling of the statement. Make sure you have included all necessary header files to declare classes.

1.1690-41

An operating system error code with the meaning shown was unexpectedly returned to the database server. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.1691-410

This EXECUTE statement refers to a statement id that has not been prepared. Either no PREPARE statement was done, or one was done but returned an error code. Review the program logic to make sure that a statement is prepared and the PREPARE return code is checked. A negative error code from PREPARE usually reflects an error in the statement being prepared.

1.1692-4100

A name already established as that of a constant identifier has appeared as a declaration for a new identifier. Suppose, for example, that maxval has already been declared to be a constant in class x, and then a later declaration of VARIABLE x::maxval INT occurs.

1.1693-41000

Check the [INET_CONNECTION] section of the INFORMIX.INI file to make sure this section has the following section heading:

```
[INET_CONNECTION]
```

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1.1694-41001

Check the INFORMIX.INI file. If you did not define a host name variable in the lnetLogin structure, the [INET_CONNECTION] section must have a host name. The host name must be defined in the [INET_CONNECTION] section with this format:

```
host=hostname
```

1.1695-41002

Check the INFORMIX.INI file. If you did not define a user name variable in the lnetLogin structure, the [INET_CONNECTION] section must have a user name. The user name must be defined in the [INET_CONNECTION] section with this format:

```
user=username
```

1.1696-41004

Check the INFORMIX.INI file. If you did not define a protocol name variable in the lnetLogin structure, the [INET_CONNECTION] section must have a protocol name. The protocol name must be defined in the [INET_CONNECTION] section with this format:

```
protocol=protocolname
```

1.1697-41005

Check the [INET_PROTOCOL] section of the INFORMIX.INI file to make sure this section has the following section heading:

```
[INET_PROTOCOL]
```

1.1698-41006

Check the INFORMIX.INI file. The Protocolname specified in the [INET_CONNECTION] section should match the Protocolname specified in the [INET_PROTOCOL] section. Protocolname must define the correct .DLL module for that protocol. If you are using an IPX/SPX protocol, then ipx=INETIPX.DLL. If you are using a Windows Sockets 1.1-compliant TCP/IP protocol, then tcpip=INETWSOK.DLL.

1.1699-41007

Check your path. If you are using a Windows Sockets 1.1-compliant TCP/IP protocol, the INETWSOK.DLL module must be in your path. If you are using the IPX/SPX protocol, the INETIPX.DLL module must be in your path. These modules must be in your path. In addition, you may not have enough memory to load the correct DLL module.

1.1700-41008

You must communicate with your remote database server using only one protocol at a time.

1.1701-41009

An error occurred when the connection was closed. There is no corrective action.

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1.17024102

This is a 4GL compiler message. Look up the message for -number.

1.1703-41020

There are too may active applications under Windows. Close some of your applications and try again.

1.1704-41021

You are currently making a database server request. You cannot make another argument until the current request is finished.

1.1705-4103

Note the specified file name and line number. Then report this internal error.

1.1706-4104

The INITIALIZE statement cannot establish a match between the type of the column value and the type of the corresponding variable.

1.1707-4106

In an EVENT statement, a function definition or declaration, an EXTERNAL REPORT statement, a HANDLER statement, a function invocation, or just an expression, the compiler found something other than a DATETIME expression.

1.1708-4107

In an EVENT statement, a function definition or declaration, an EXTERNAL REPORT statement, a HANDLER statement, a function invocation, or just an expression, the compiler found something other than a INTEGER or SMALLINT expression.

1.1709-4108

In an EVENT statement, a function definition or declaration, an EXTERNAL REPORT statement, a HANDLER statement, a function invocation, or just an expression, the compiler found something other than a DATE expression.

1.1710-4109

In an EVENT statement, a function definition or declaration, an EXTERNAL REPORT statement, a HANDLER statement, a function invocation, or just an expression, the compiler found something other than a DATE or DATETIME expression.

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1.1711-411

This statement has a USING DESCRIPTOR clause, but it also refers to a cursor that was declared with host variables (that is, with SELECT...INTO or INSERT using variables in the VALUES clause). The purpose of both the descriptor structure and host variable names is to specify the location of the data values, and only one method may be used. Review the declaration of the cursor and settle on a single method of specifying the location of data values.

1.1712-4110

In this OUTPUT section the statement REPORT TO appears more than once. Only one such specification is allowed. Remove all but one.

1.1713-4111

The compiler has detected that function name is an informal function. This could be due to the function returning a different number of arguments in different circumstances, or it might be that the function has no prototype declaration. Although there is nothing wrong in defining a function this way, informal functions are more prone to errors at runtime. Informix recommends using formal function declarations (along with function prototypes), which are less error-prone, and are checked more rigorously by the compiler.

1.1714-4114

This is an internal error affecting the argument stack that NewEra maintains for the actual arguments of functions that have been called but that have not yet returned.

1.1715-4117

At least one of the values in one of the constant expressions in this CONSTANT statement cannot be evaluated at compile time. Refer to the INFORMIX-4GL Language Reference heading "Constant Expressions" for information on what types of operations can be used in constant expressions.

1.1716-4118

NewEra provides compile-time checking for consistency (of the argument list and returned values) between a function and its calling statement for formal functions. This checking is not available for functions that are informally defined. (Such functions might be useful, however, in contexts where the number of arguments or the number of returned values is not fixed.)

1.1717-412

This statement (probably an EXECUTE or DECLARE) refers to a dynamic SQL statement which has never been prepared, or which has been freed. Review the program logic to make sure that the statement has been prepared, that the PREPARE did not return an error code, and that the FREE statement has not been used to release the statement before this point.

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1.1718-4120

The specified variable has been declared or defined more than once. At least one of those times declared it with EXTERNAL, and another was a definition as a module variable (lacking either EXTERNAL or GLOBAL). Review the declarations and definitions of name, recalling that some of them may be in included files. If you intend name as a variable private to this module, give it a unique name. (It is permitted to declare a variable as EXTERNAL more than once, and it is permitted to declare it as EXTERNAL and then define it as GLOBAL. Both of these things can happen as a result of including header files; and they have well-defined meanings. But it is contradictory to have a variable that is both external and local to the module.)

1.1719-4121

This statement attempts to call a report as if it were a function. Although a report has the general form of a function definition, it cannot be used like one. Check the names of functions called in this statement; one is a report. If you meant to send a row of data to the report, use the OUTPUT TO REPORT statement.

1.1720-4122

The parser has returned an error that is NOT a syntax error. This could be caused by a parser stack overflow (too many levels of nesting within IF's, WHILE's, or the like) or by the parser running out of parser stack space (module is too large). Try reducing the complexity of the code by splitting complex functions into multiple functions or splitting the module into multiple modules.

1.1721-4123

The function name is declared as returning a result, so the CALL statement must provide a RETURNING clause to receive the result.

1.1722-4125

The element indicated is either not declared, or is declared but not defined, as a member of the class hierarchy ‘‘name’’.

1.1723-4126

The identifier in the WITH clause of the HANDLE statement does not identify a handler. If the identifier of the handler specifies a class, check to see that the handler is declared as belonging to that class; otherwise, check to see that it is declared as belonging to the declared class of the target object.

1.1724-4127

The identifier before the WITH clause of the HANDLE statement does not identify an event. The event must be declared in or inherited by the declared class of the target object (which can be the SELF object).

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1.1725-4128

The indicated handler is declared in the program, but is not a member of same class as the object, or of a base class from which the object is derived.

1.1726-4129

In the HANDLE statement, the event was prefixed with a "name." qualifier, but the name is not that of a known object.

1.1727-413

This INSERT statement names a cursor that has never been opened, or which has been closed. Review the program logic and make sure that it will open the cursor before this point, and not accidentally close it. Be aware that an insert cursor is automatically closed by a COMMIT WORK or ROLLBACK WORK.

1.1728-4130

A handler cannot be the object of an explicit CALL statement. The only way to invoke a handler is through calling or posting the event to which the handler has been assigned by a HANDLE statement.

1.1729-4131

No object reference has been supplied for this member function call. If the member function call was made inside a member function, "self" would be the implied object reference. This call was made in a non-member function body, so there is no implied object reference.

1.1730-4132

The program has declared a base class, and has declared another class as DERIVED FROM that base class. In the definition of the constructor for the derived class, a base constructor clause specifies a call to a function that is NOT the base class constructor. Suppose there is a derived class called "bread" and its base class is called "food"; if the constructor for loaf should have a definition that begins FUNCTION bread::bread(args1):food(args1). If it begins FUNCTION bread::bread(args1): beverage(args1),the error message appears.

1.1731-4133

A POST statement specified something other than event. Member functions, handlers, and reports cannot be posted.

1.1732-4134

The program specified a class name followed by a scope resolution operator (::) and the name of an event. Replace the class name with the name of the appropriate object.

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1.1733-4135

A class variable described as SHARED cannot be defined outside the class declaration. The variable definition indicated is completing the definition of a variable already described without a SHARED qualifier in a class declaration.

1.1734-4136

The correct signature for a !copy() function is FUNCTION !copy (obj this_class), having one parameter whose type is an object of the containing class. The correct signature for a !derive() function has no arguments, only a pair of parentheses.

1.1735-4137

A BEGIN_C and END_C block can be included only in compiled NewEra programs. It is not valid in a interpreted (p-code) NewEra program.

1.1736-4138

The keyword CHAR(*), STRING, or VARCHAR(*) cannot follow the

```
ARRAY [ ... ] OF
```

specification for a NewEra data type. In contexts where an array of character strings is valid, and you want the length of each individual character string element to be undefined, specify ixString as the data type of the array, rather than the CHAR(*), STRING, or VARCHAR(*) keywords.

1.1737-414

This PUT statement specifies a cursor that is invalid. Possibly the cursor has been freed with the FREE statement, or possibly the cursor data structure has been overwritten in memory.

1.1738-4140

This error is output if an unrecoverable error occurs in the compiler (ie. SEG VIO, BUS ERROR). This could occur if the user terminated the compilation explicitly. Otherwise, if the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.1739-4141

This error occurs when the user invokes components of the NewEra product directly, instead of through standard interfaces. The executable fglc or fglp has been passed a compiler switch that is not understood.

1.1740-4142

The WHENEVER statement in the program has the form WHENEVER condition CALL function, and the function being called is declared to have parameters. The function call in this context cannot even have parentheses, let alone arguments. Note that main has implicit parameters, so it cannot be used in this form of the WHENEVER statement.

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1.1741-4143

The WHENEVER statement in the program has the form WHENEVER condition CALL function, and the function being called is declared with a RETURNING clause. The function call in this context cannot return any values.

1.1742-4144

This is the general message showing an inability to parse a NewEra statement from a file summoned by an INCLUDE statement. Start at the point where the error was issued, and work backward in the program looking for other error messages, and for missing punctuation, missing END statements, and other mistakes. Often, a missing END IF is the culprit. If the cause for this error is not obvious, concentrate on eliminating any other, more specific error messages and this one will probably go away also.

1.1743-4145

Too many compiler errors have been detected. The compiler reports the errors it has found to this point and quits.

1.1744-4146

The executables fglc and fglp allow only 1 input file.

1.1745-4147

The function was declared with a RETURNING clause that specified other than VOID, but no RETURN statement occurs in the body of the function.

1.1746-4148

The STRING or CHAR(*) type is not allowed as an SQL type. It cannot be used in CREATE TABLE, ALTER TABLE, and so on.

1.1747-4149

An identifier mentioned in an SQL statement is of a type such as FOREIGN, or it names an object (a member of a class) or a record.

1.1748-415

The database server is unable to convert between a program variable and a database column. It performs automatic data conversion in many cases, but could not in this case. For instance a character string will be converted to a numeric type so long as the string contains the digits of a valid number; or a float or decimal number will be converted to integer so long as the receiver has enough precision for the value. Review this statement, inspecting each program variable that does not have the same data type as the matching database column.

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1.17494150

The indicated line contains incorrect code that generated this 4GL run-time message. Sometimes the actual error or omission exists in the preceding lines of code. Look for additional messages explaining the error.

1.1750-4150

For calls to the built-in functions packrow() and unpackrow(), the first argument must be of type ixRow.

1.1751-4151

A constructor cannot be called directly using the CALL statement or as the function in a function call expression. The constructor should be invoked indirectly using the NEW operator.

1.17524152

This is a 4GL run-time error. Check the message for -number.

1.1753-4152

Invalid expressions have been used in a THROUGH expression in an SQL statement.

1.17544153

This is a 4GL run-time error. Check the message for -number.

1.1755-4153

This warning is generated when a value for a CONSTANT contains a USING clause. The settings for environment variables DBFORMAT and DBMONEY can affect the result of the USING operation. This warning reminds the user that the USING clause in the CONSTANT statement will be evaluated at compile time and might not be consistent with other USING clauses which are evaluated at run time.

1.17564154

This 4GL run-time message tells where a program stopped due to an error. Look for additional messages explaining the error.

1.1757-4154

In a CONSTANT declaration or definition, the size of a character type constant (CHAR or VARCHAR) cannot exceed 255.

1.17584155

This is a 4GL run-time error. Check the message for -number.

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1.1759-4155

In the UPDATE and DELETE statements, the "WHERE CURRENT OF cursor-name" clause cannot cite a cursor name that has been declared as dynamic.

1.17604156

This is a 4GL run-time error. Check the message for -number.

1.1761-4156

This warning can occur for a FOR statement when the upper limit of the FOR loop is within the STEP value of the maximum value of that type. As an example, suppose the FOR statement tried to run IX from 1 to 32760 with a step of 20, and IX was declared as SMALLINT; the compiler would issue the warning, because IX would overflow without satisfying the loop termination condition.

1.17624157

This is a 4GL run-time error. Check the message for -number.

1.1763-4157

This error occurs if a stack overflow is detected during compilation. Under Windows, the stack size is limited. Try to reduce the complexity of your code. Complex expressions, such as many string concatenations ('||'), can consume a large portion of the stack.

1.1764-4158

The compiler encountered an OPEN FORM or OPEN WINDOW statement. In NewEra, these functionalities are handled through Visual Class Library objects. Consult the Graphical and Connectivity Reference Manual. Other grammatical errors might be generated in addition to this one. Replacing the offending statements with VCL calls and recompiling should eliminate the additional messages.

1.1765-4159

The expression cannot be qualified by a subscript because the expression is neither an ARRAY or CHAR() type.

1.1766-416

This OPEN statement refers to a cursor that was declared for an INSERT statement. The USING clause of the OPEN is not appropriate in this case; it is only used to specify the variables used with a SELECT statement. Review the program to make sure the correct cursor has been used in this statement. If so, and if the INSERT is written as part of the DECLARE statement, you can name the host variables directly in it. If the INSERT has been prepared, you can specify the host variables in a FROM clause in the PUT statement.

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1.1767-4160

An illegal assignment was detected--for example, you declared "abc" to be a constant, but here you attempted to assign a value to it. Some statements that involve assignment: LET, SELECT ... INTO, OPEN CURSOR ... INTO, FETCH INTO, FOREACH ... INTO, FOR iterator (the iterator is assigned values), INITIALIZE, and LOCATE

Important: This error is returned only by NewEra

1.17684161

The variable indicated has been used with an asterisk, or with the THRU or THROUGH keywords. However, it has not been defined as a record or an object. Check the spelling of the name. If it is as you intended, locate the definition of the variable and find out why it was not defined as expected.

Important: This error is returned only by NewEra

1.17694162

-4162 Values cannot be RETURNed from within reports.

A report cannot include a RETURN statement because that would return control to the routine that invoked the report.

1.1770-4163

Constructors, of the form classname::classname(), are invoked through the NEW operator. The classname::!copy() is invoked through the COPY operator. The classname::!derive() is invoked through the AS clause in both the NEW and the COPY operator.

Important: This error is returned only by NewEra

1.1771-4164

The type of the variable cannot be used in an assignment.That is, you cannot assign a value (except for the non-value NULL) to a BYTE or TEXT variable. You cannot assign any value to an ARRAY variable.

1.1772-4167

No other NewEra statement can follow PRAGMA LOCATION on the same line. If your source file includes any other NewEra statement or compiler directive after PRAGMA LOCATION, you should insert a linefeed character immediately following the end of the PRAGMA LOCATION compiler directive. (The last specification of PRAGMA LOCATION must be a line number, a filename, or else the keyword RESET.)

1.1773-4168

This error occurs when a multibyte character (or other non-ASCII character that is supported by the locale) has been found in the name of a NewEra identifier. For this release of NewEra, multibyte characters and other locale-specific characters are not valid in NewEra identifiers.

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1.1774-4169

This error is issued when some failure occurs trying to load the CLIENT_LOCALE locale file. You should verify that the specified files exist, that these files have appropriate permissions set, and that sufficient space is available in which to load them.

1.1775-417

This FLUSH statement refers to a cursor which is associated with a SELECT statement, not an INSERT. FLUSH is only appropriate with insert cursors. Review the program to make sure the correct cursor has been named.

1.1776-418

Review the way the program constructs the sqlda and related data structures; somehow it is setting up a null pointer. If the program is in INFORMIX-4GL or another language in which the sqlda is not constructed directly by the program, or if this statement only refers to host variables by name, this error should not occur. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.1777-419

Review the way the program constructs the sqlda and related data structures; somehow it is setting up a null pointer. If the program is in INFORMIX-4GL or another language in which the sqlda is not constructed directly by the program, or if this statement only refers to host variables by name, this error should not occur. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.1778-42

An operating system error code with the meaning shown was unexpectedly returned to the database server. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.1779-420

Your application program is starting up and trying to make contact with the database server process in another computer. It does this using the contents of the SQLHOST environment variable. Check the SQLHOST variable and verify that the INFORMIX-NET or INFORMIX-STAR service has been started in the other machine.

1.1780-4200

The compiler failed to write some information to the output file because it ran out of disk space.

1.1781-4201

The compiler failed to write some information to the output file, but the cause of the error was not reliably determined. Most usually, this means that the ulimit was exceeded, but it could be that the

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error was detected too late for the auxiliary information to be accurate, or because other errors have occurred since.

1.1782-4202

The compiler not only failed to produce the output file because of errors but it also failed to produce the error file as well, probably because there was not enough disk space.

1.1783-4203

The compiler produced the output file, but it also detected some warnings and it failed to produce the error file as well, probably because there was not enough disk space.

1.1784-4204

NewEra is not able to reopen the current error log file. The disk might be full. Look for system error messages that can provide information about why the file could not be opened.

1.1785-4205

Unless you have deployed NewEra on a Middle Eastern version of Windows, a REPORT definition cannot include any of these following eight syntax features, all of which are designed for right-to-left, or bidirectional, locales:

OUTPUT ... DIRECTION LEFT TO RIGHT
OUTPUT ... DIRECTION RIGHT TO LEFT
OUTPUT ... WITH CONTROLS
OUTPUT ... WITHOUT CONTROLS

FORMAT ... PRINT ... LEFT TO RIGHT
FORMAT ... PRINT ... RIGHT TO LEFT
FORMAT ... PRINT ... WORDWRAP MARGIN
FORMAT ... PRINT ... WORDWRAP LEFT MARGIN

These REPORT constructs are not supported in other locales or on other versions of Windows.

1.1786-421

Your application program is starting up and trying to make contact with a database server in a different machine. It uses information from the file /etc/services under the service entry sql, and this was not found. Contact the person who installed INFORMIX-NET in your system.

1.1787-422

This FLUSH statement names a cursor that has never been opened, or which has been closed. Review the program logic and make sure that it will open the cursor before this point, and not accidentally close it. Be aware that an insert cursor is automatically closed by a COMMIT WORK or ROLLBACK WORK.

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1.1788-423

This FETCH statement asks for the current row, but there is none. Either the cursor was just opened, or the previous FETCH returned an error code, for example because it was at the end of the data. Review the program logic and make sure it uses a FETCH NEXT or other FETCH operation to establish a current row before attempting this statement.

1.1789-424

This DECLARE statement associates a cursor with the name of a prepared statement. However, another DECLARE statement has already been executed, associating a different cursor with the same statement id. This is not supported; a given statement may be associated with only one cursor. Check all the DECLARE statements in the program and make sure they all refer to unique statements.

This error message should not appear for Version 5.0 and later.

1.1790-425

The requested database has been opened in exclusive mode by another user. Repeat the statement after a short delay or when the database is known to be idle.

1.1791-426

This is an internal error that should not occur. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.1792-427

This is an internal error that should not occur. If no direct cause can be found, please note all circumstances and contact the Informix Technical Support Department.

1.1793-428

This is an internal error which should not occur. If no direct cause can be found, please note all circumstances and contact the Informix Technical Support Department.

1.1794-429

This statement names as an indicator variable, a host variable that was not declared as a small integer. The value returned to an indicator variable is a small integer value. Review the statement, especially the use of host variables as indicator variables. Make sure the names of indicator variables are spelled correctly and that they are properly declared. If this is a 4GL program this error should not occur. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.1795-43

An operating system error code with the meaning shown was unexpectedly returned to the database server. If the error recurs, please note all circumstances and contact the Informix Technical Support

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Department.

1.1796-430

This is an internal error that shows a problem in the communication between the database server and the library functions that call it. Make sure that your program is at the same software level as the database server in use. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.1797-4300

This statement has calls to functions nested within the parameter lists of other function calls, to a level exceeding four. The maximum level supported is four, as in the following expression:

```
Afun(2-Bfun(3+Cfun(4*Dfun(5)))).
```

Rewrite the expression to store the result of the innermost function calls in a variable, and use the variable in the expression.

1.1798-4309

4GL needs to know how many lines of space will be devoted to page headers and trailers; otherwise it could not know how many detail rows to allow on a page. Since it cannot predict how many times a loop will be executed, or which branch of a CASE will be execute, it forbids the use of PRINT in these contexts within FIRST PAGE HEADER, PAGE HEADER, and PAGE TRAILER sections. You have to rearrange the code to place the PRINT statement where they will always be executed.

1.1799-431

This is an internal error that shows a problem in the communication between the database server and the library functions that call it. Make sure that your program is at the same software level as the database server in use. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.1800-4310

4GL needs to know how many lines of space will be devoted to page headers and trailers; otherwise it could not know how many detail rows to allow on a page. Since it cannot predict how many lines are in a file, it forbids printing a file in a header or trailer. You may write PRINT statements in the control blocks for FIRST PAGE HEADER, PAGE HEADER, and PAGE TRAILER. However, you may not write PRINT FILE statements in these control blocks.

1.1801-4313

The NEED n LINES statement is used in a a report to cause a conditional page skip. In the context of a FIRST PAGE HEADER, PAGE HEADER, and PAGE TRAILER section, however, it is irrelevant. If it did cause a page skip, an endless loop could ensue.

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1.1802-4314

This CONTINUE or EXIT statement uses the MENU keyword, yet it is not located within a COMMAND section of a MENU statement. Either the statement is in error, or some other error has prevented 4GL from recognizing the MENU statement.

1.1803-4315

This CONTINUE or EXIT statement uses the FOREACH keyword, yet it is not located within a FOREACH loop. Either the statement is in error, or some other error has prevented 4GL from recognizing the FOREACH statement.

1.1804-4316

This CONTINUE or EXIT statement uses the WHILE keyword, yet it is not located within a WHILE loop. Either the statement is in error, or some other error has prevented 4GL from recognizing the WHILE statement.

1.1805-4317

This CONTINUE or EXIT statement uses the FOR keyword, yet it is not located within a FOR loop. Either the statement is in error, or some other error has prevented 4GL from recognizing the FOR statement.

1.1806-4318

This CONTINUE or EXIT statement uses the CASE keyword, yet it is not located within a CASE statement. Either the statement is in error, or some other error has prevented 4GL from recognizing the CASE statement.

1.1807-4319

The variable shown has appeared in at least one other DEFINE statement before this one. If this DEFINE is within a function or the MAIN section, the prior one is also. If this DEFINE is outside any function, the prior one is also outside any function; however, it may be within the file included by the GLOBALS statement.

1.1808-432

This is an internal error that shows a problem in the communication between the database server and the library functions that call it. Make sure that your program is at the same software level as the database server in use. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.1809-4320

The named table does not appear in the database named in the latest DATABASE statement. It may be spelled wrong in the program, or the table might have been dropped or renamed since the last time the program was compiled.

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1.1810-4321

You have written more than three subscripts following the name of an array. However, 4GL only supports arrays of three dimensions or fewer. Check the syntax of the subscript; an extra comma may have been entered in error.

1.1811-4322

The preceding statement suggests that the named column is part of a certain table in the database named in the last DATABASE statement. The table exists, but the column does not appear in it. Check the spelling of the column name. If it is spelled as you intended, then either the table has been altered, or the column renamed, or you are not accessing the database you expected.

1.1812-4323

The named variable is a record or an array. 4GL does not support the assignment of whole records or arrays. In the case of a record you must assign the individual record components, or you may assign groups of components to groups of components using asterisk notation. In the case of an array you must use a subscript to designate a single array element.

Important: This error is not produced by any version of 4GL higher than Version 4.1.

1.18134324

This statement attempts to concatenate two or more character strings (using the comma as the concatenation operator) and assign the result to the named variable. Unfortunately it is not a character variable. 4GL will not do automatic conversion from characters in this case. Assign the concatenated string to a character variable; then, if you want to treat the result as numeric, assign the string as a whole to a numeric variable.

1.1814-4325

This statement uses asterisk notation to assign all components of one record to the corresponding components of another. However, the components do not correspond. Note that 4GL matches record components strictly by position, the first to the first, second to second, and so on; it does not match them by name. If the source and destination records do not have the same number and type of components, you will have to write a simple assignment statement for each component.

1.1815-4326

The value NULL is a whole value which is relevant to complete variables only. You can assign NULL to the name of this variable (omitting the substring notation) to make the entire variable contain the null string. Alternatively, you can assign spaces to a substring to make it blank. The only way to delete a portion of a string is to write an expression that extracts the leading and trailing substrings that are to be retained, and concatenates them.

1.1816-4327

The index variable in a FOR loop must be an integer type. Specify a different variable or redefine the one named.

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1.1817-4328

The named variable is a record or an array. Only simple variables may be returned by a function, although the function may return a list of simple variables. In the case of a record, you can use the asterisk or THRU notation as a shorthand to specify a list of components.

1.1818-4329

You have used the displayed name with either dot-asterisk or the word THRU (or THROUGH), which is shorthand notation to specify a list of the components of a record. Unfortunately, the variable is not defined as a record. Make sure that you specified the right variable and that it is defined as a record.

1.1819-433

This is an internal error that shows a problem in the communication between the database server and the library functions that call it. Make sure that your program is at the same software level as the database server in use. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.1820-4330

Although RETURN is equivalent to EXIT PROGRAM in a MAIN program, it cannot include a value to be returned.

Important: This error is produced by NewEra programs.

1.1821-4333

Earlier in the program there is a call to this same function or event with a different number of parameters in the parameter list. At least one of these calls must be in error. Examine the FUNCTION or EVENT statement for name to find out the correct number of parameters. Then examine all calls to it and make sure they are written correctly. When this error appears near the top of a function in conjunction with error -4336, fix the error -4336 first and -4333 will usually disappear.

Important: This error is produced by NewEra programs.

1.1822-4334

By "too complex" 4GL means "has too many component parts." In this statement only simple variables — those that have a single component — may be used. If variable-name is an array, you will have to provide a subscript to select just one element. If it is a record, you will have to choose just one of its components. (However, if this statement permits a list of variables, as in the INITIALIZE statement, you can use asterisk or THRU notation to convert a record name into a list of components.)

1.1823-4335

This statement refers to record.field. While the variable record is indeed a record, field is not the name of one of its component fields. Find the definition of record (it may be in the GLOBALS file) and verify the names of its fields. Then correct the spelling of field.

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1.1824-4336

The name variable-name appears in the parameter list of the FUNCTION statement for this function. However, it does not appear in a DEFINE statement within the function. All parameters must be defined in their function before use. Possibly you wrote a DEFINE statement but did not spell variable-name the same way in both places.

1.1825-4338

The name shown appears in the parameter list of the FUNCTION statement and in at least two DEFINE statements within the function body. Only one appearance in a DEFINE statement is permitted.

1.1826-4339

The program is too large to compile. Divide it into modules and compile the modules separately.

1.1827-434

This is an internal error that shows a problem in the communication between the database server and the library functions that call it. Make sure that your program is at the same software level as the database server in use. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.1828-4340

By "too complex" NewEra means "has too many component parts." In an expression only simple variables — those that have a single component — may be used. If the variable indicated is an array, you will have to provide a subscript to select just one element. If it is a record or object, you will have to choose just one of its components.

Important: This error is produced by NewEra programs.

1.1829-4341

Aggregate functions such as SUM, AVG, and MAX may only appear in SQL statements and within certain statements you use in the context of a report body. They are not supported in ordinary expressions in program statements. You may be able to write an application-specific function to form this aggregate function on your data; however, you must name it something else since names such as SUM, AVG, and MAX are reserved words.

1.1830-4342

These functions are only relevant in the body of a report function (one following a REPORT statement). Only within the report-generating code is the idea of a current page or line meaningful. You can make these values available outside a report through global variables. For example, you could put a statement like this one in the PAGE HEADER control block:

```
LET CURR_PAGE = PAGENO
```

This would assign the current page to a global variable (called CURR_PAGE in the example) that could

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be tested by code outside the report function.

1.1831-4343

You can write subscript expressions (integer-valued expressions separated by commas and enclosed in square brackets) following an expression that evaluates to an array. You can specify a substring (two integer expressions in square brackets) following a character expression. However, in this statement, expressions in square brackets follow something that is neither character nor an array. Review the punctuation of the statement and the declaration of the variables in it.

Important: Error -4343 with this text is produced by 4GL through Version 4.1

-4343 Subscripting cannot be applied to the variable variable-name because it is not a character or array variable.

You can write a subscript expression (one, two, or three numbers in square brackets) following the name of an array variable. You can write a substring expression (two numbers in square brackets) following the name of a variable of type CHAR or VARCHAR. However, variable-name is none of those things. Either it is not the variable you intended, or it is not correctly defined.

Important: Error -4343 with this text is produced by 4GL through Version 4.1.

1.1832-4344

This statement contains what appears to be a substring expression (two numbers in square brackets) following the identifier shown. However, that variable is not of type CHAR or VARCHAR. If you intended this as a substring, then you either named the wrong variable or the variable is not correctly defined. If you meant this as an array subscript, the same is true.

1.1833-4345

This name shown is followed by one substring expression (two numbers in square brackets) and then by another. This is not valid. Perhaps in editing the name of another variable, some punctuation was deleted accidentally. Or if you meant this to be a subscript of a two-dimensional array of character items followed by a substring of the chosen element, the problem is that variable-name has not been defined as an array.

1.1834-4346

Array subscripts are integer values, and only integer variables may be used to form them. This statement contains a subscript in which a FLOAT, CHAR or some other type of variable is used. No automatic conversion of data types is performed in a subscript expression. Review the subscript expressions in the statement; perhaps you simply entered the wrong variable name. If not, you will have to revise the program to store array subscripts in integer variables only (you might expect that a DECIMAL value with a scale factor of zero would be permitted also, but this is not the case.)

1.1835-4347

In this statement variable-name appears followed by a dot, followed by another name. This is the way you would refer to a component of a record variable; however, variable-name is not defined as a record. Either you have written the name of the wrong variable or else variable-name is not defined

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the way you intended.

1.1836-4348

An aggregate function in this statement is one of those, such as MIN and SUM, that must be applied to a specific column, or to an expression involving specific columns. The asterisk notation in an SQL statement means "the whole row." With an aggregate function it is useful only when counting entire rows.

1.1837-4349

These aggregate functions simply count entire rows, without regard for the contents of the rows. COUNT returns a count of the rows, and PERCENT returns the count of rows as a percentage of the entire table. The only permitted parameters of these functions '*' meaning "the entire row." They cannot be applied to specific columns or to expressions involving specific columns.

1.1838-435

You provided an incorrect time-out value for your callback function/routine in INFORMIX-ESQL/C or ESQL /COBOL. Make sure your time-out value is -1 or greater.

1.1839-4350

There is a CONTINUE FOR statement that is not between a FOR statement and its matching END FOR statement. Perhaps the FOR statement has been accidentally deleted, or perhaps you changed to another type of loop such as FOREACH or WHILE.

1.1840-4351

There is a CONTINUE WHILE statement that is not between a WHILE statement and its matching END WHILE statement. Perhaps the WHILE statement has been accidentally deleted, or perhaps you changed to another type of loop such as FOREACH or FOR.

1.1841-4352

There is a CONTINUE FOREACH statement that is not between a FOREACH statement and its matching END FOREACH statement. Perhaps the FOREACH statement has been accidentally deleted, or perhaps you changed to another type of loop such as WHILE or FOR.

1.1842-4353

The database server does not support comparison functions on columns of such types as TEXT or BYTE. As a result, columns with such types cannot be used to order or group rows. Use other columns (usually the primary key of the table) for ordering and grouping.

1.1843-4354

This statement applies an aggregate function such as SUM to a variable defined as BYTE or TEXT. Such variables are not in the domain of the aggregate functions. Review the use of functions in the

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statement and make sure they are applied to the variables you intended.

1.1844-4356

Only one PAGE HEADER control block is allowed in a report. The statements in this control block must be suitable for all pages of the report (except the very first page, for which you may write a FIRST PAGE HEADER block). Find the other PAGE HEADER control block(s) and combine all their statements into one control block.

1.1845-4357

Only one PAGE TRAILER control block is allowed in a report. The statements in this control block must be suitable for all pages of the report. Find the other PAGE TRAILER control block(s) and combine all their statements into one control block.

1.1846-4358

Only one FIRST PAGE HEADER control block is allowed in a report. (After all, there is only one first page.) Find the other FIRST PAGE HEADER control block(s) and combine all their statements into one control block.

1.1847-4359

Only one ON EVERY ROW control block is permitted in a report. Find the other ON EVERY ROW control block(s) and combine their statements into one block.

1.1848-436

You did not provide a callback function with your time-out value. Make sure you provide both.

1.1849-4360

Only one ON LAST ROW control block is permitted in a report. Find the other ON LAST ROW control block (s) and combine their statements into one block.

1.1850-4361

The aggregate functions that apply to a group of rows (GROUP COUNT, GROUP PERCENT, GROUP SUM, GROUP AVG, GROUP MIN, and GROUP MAX) may only be used at the point in the report when a complete group has been processed, namely, in the AFTER GROUP control block. Make sure that the AFTER GROUP statement exists and was recognized. If you need the value of a group aggregate at another time, for instance in a PAGE TRAILER control block, you can save it in a global variable with a LET statement in the AFTER GROUP control block.

1.1851-4362

When SKIP TO TOP OF PAGE is executed, the page trailer clause must be executed (so as to display fixed page-end material) followed by the page header clause. If the statement was allowed in a header or trailer clause, an infinite loop could ensue.

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1.1852-4363

4GL needs to know how many lines of space will be devoted to the page header and trailer (otherwise it could not know how many detail rows to allow on the page). It cannot predict how many times a loop will be executed, so it has to forbid the use of SKIP statements in loops in the PAGE HEADER, PAGE TRAILER, and FIRST PAGE HEADER sections

1.1853-4364

The initialization expression for the specified variable does not evaluate to a data type that is compatible with the declared type. Review the expression and make it and the declared type agree.

1.1854-4365

The statements DEFER INTERRUPT and DEFER QUIT may only appear in the MAIN section of the program. They may appear only once each in a program.

1.1855-4366

There must be a program variable to receive data from or supply data to each column named in the statement. Possibly there is an ambiguity between column names and variable names. When a program variable has the same name as a database column, you can force 4GL to use the database column by prefixing it with the at-sign (@) character or with its table-name.

1.1856-4367

The statements DEFER INTERRUPT and DEFER QUIT may only appear in the MAIN section of the program. They may appear only once each in a program.

1.1857-4368

The statements DEFER INTERRUPT and DEFER QUIT may only appear in the MAIN section of the program. They may appear only once each in a program.

1.1858-4369

The name shown appears where a variable would be expected, but it does not match any variable name in a DEFINE statement that applies to this context. Check the spelling of the name. If it is the name you intended, then look back and find out why it has not yet been defined. Possibly the GLOBALS statement has been omitted from this source module, or it names an incorrect file. Possibly this code has been copied from another module or another function, but the DEFINE statement was not copied also.

1.1859-437

You attempted to register a callback function before you connected to a database server. You must first connect to a database server and then register your callback function.

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1.1860-4370

The VALIDATE statement operates on only simple variables; it cannot accept records or arrays. If you have named a record, you can use asterisk notation or THRU notation as shorthand for a list of the component fields of the record. However, if a record component is itself a record, you must list its components individually as well.

1.1861-4371

In the statement DECLARE cname CURSOR, the identifier cname may be used in only one DECLARE statement in the source file. This is true even when the DECLARE statement appears inside a function. Although a program variable made with the DEFINE statement is local to the function, a cursor within a function is still global to the whole module.

1.1862-4372

The name shown appears where the name of a declared cursor or a prepared statement is expected; however no cursor (or statement) of that name has been declared (or prepared) to this point in the program. Check the spelling of the name. If it is the name you intended, look back in the program to see why it has not been declared. Possibly the DECLARE statement appears in a GLOBALS file which was not included.

1.1863-4373

This is the general message showing an inability to parse a 4GL statement. The line and character numbers show the point at which the parser detected a problem. However, this is almost never the point at which the error exists. Start there and work backward in the program looking for other error messages, and for missing punctuation, missing END statements, and other mistakes. If the statement at

line-number is END FUNCTION, END MAIN, or END REPORT, one probable cause is the absence of another END, possibly many lines earlier. Usually a missing END IF is the culprit. If the cause for this error is not obvious, concentrate on eliminating any other, more specific error messages and this one will probably go away also.

1.1864-4374

This statement, for example a SHOW OPTION statement, only makes sense within the context of a MENU statement. Review the program in this vicinity to see if an END MENU statement has been misplaced. If you intended to set up the appearance of a menu before displaying it, use a BEFORE MENU block within the scope of the MENU.

1.1865-4375

Examine the statements in the OUTPUT section and in any HEADER and TRAILER clauses. The total of lines used by these statements must be sufficiently less than the specified page length that some detail rows can be printed.

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1.1866-4376

Check that your account, on UNIX systems, has permission to create files in the /tmp directory, or in the directory named in the DBTEMP environment variable if that is different. Look for other, more explicit, error messages from the operating system. It may be that the disk is full or that you have reached a limit on the number of open files.

1.1867-4377

On UNIX systems, check that your account has permission to create files in the directory where filename would be created. Look for other, more explicit, error messages from the operating system. It may be that the disk is full or that you have reached a limit on the number of open files.

1.1868-4378

You invoked the C-code or the p-code compiler from the command line but did not specify the name of a source file to be edited. Repeat the command, specifying a source file.

1.1869-4379

Either the file does not exist, or, on UNIX, your account does not have permission to read it. Possibly the filename is misspelled, or the directory path leading to the file was specified incorrectly.

1.1870-438

You provided an incorrect value to unregister your callback function. Pass a null value, not a function pointer, to the callback function.

1.1871-4380

Check that the directory path leading to the file is specified correctly and, on UNIX systems, that your account has permission to create a file in that directory. Look for other, more explicit, error messages from the operating system. It may be that the disk is full or that you have reached a limit on the number of open files.

1.1872-4381

It is not necessary to enter the file extension or suffix of .4gl when you type the name of a program source file. However, if you do type a file suffix it must be .4gl; no other is allowed. If you type the suffix incorrectly, enter the command again omitting the suffix. If the file really has a different suffix, you will have to change it.

1.1873-4382

The ".*" and THROUGH notation cannot be used to expand a record with an array member, except in the LET statement.

Important: Error -4382 with this meaning is issued by NewEra.

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-4382 Record variables that contain array type elements may not be referenced by the ".*" or THROUGH shorthand, or used as a function parameter.

You may define a record that contains an array as one of its components. However you must always list that component by its full designation of record.part[n]. The asterisk or THRU notation is only shorthand for a list of the names of the components of the record. It cannot produce the bracketed subscript after the name of the array component.

A record that contains an array component may not be used as a parameter to a function. However you may use the array component itself as a function parameter if you spell out its name as record.part.

Important: Error -4382 with this meaning is issued by NewEra.

1.1874-4383

The two names shown are used where two components of one record are required; however they are not components of the same record. Check the spelling of both names. If they are spelled as you intended, go back to the definition of the record and see why it does not include both names as component fields.

1.1875-4384

The name shown is used where 4GL expects the name of a record component. Check the spelling of the name. If it is spelled as you intended, go back to the definition of the record variable and see why it does not include name as a component field.

1.1876-4385

Aggregate functions cannot be nested, primarily because the value of the inner aggregate is not known at the time the outer aggregate is being accumulated. Rewrite aggregate expressions to refer only to columns and simple expressions on columns. In an AFTER GROUP OF clause, you can save the aggregate value from one group of rows in a program variable, so as to use it in computing an aggregate over a subsequent group.

1.1877-4386

There is a limit on the number of ordering fields. You will have to redesign the report so that it requires ordering by no more than number columns. Alternatively you can order the data before passing it to the report, and specify the EXTERNAL keyword on the ORDER BY statement in the report body. It is generally more efficient to have the database server produce the rows in the correct order (using SELECT ... ORDER BY in the cursor that produces the rows).

1.1878-4387

If the right margin of a report were no greater than the left margin, there would be no room on each line for data. Check both MARGIN statements in the OUTPUT section for reasonable values.

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1.1879-4388

The report is attempting to define a second BEFORE GROUP OF or AFTER GROUP OF block for a single report parameter. Only one such control block is allowed. Find all the block(s) for this parameter and combine their statements into one.

1.1880-4389

You have exceeded the maximum of five levels of nesting of IF statements. Possibly an END IF statement has been omitted. If not, you will have to revise the logic of the report so that decisions are nested less deeply.

1.1881-439

You attempted to call an SQL routine, or attempted to execute an SQL statement, within a signal handling function/routine or a callback function/procedure. Use only the sqldone() and sqlbreak() library functions inside your INFORMIX-ESQL/C callback function. Use only the ECO-SQD and ECO-SQB library routines inside your ESQL/COBOL callback procedure. In addition, if you want to unregister your callback function in INFORMIX-ESQL/C, you can invoke the sqlbreakcallback() callback registration function within your callback procedure. If you want to unregister your callback procedure in ESQL/COBOL, you can invoke the ECO-SQBCB callback registration routine within your callback procedure.

1.1882-4390

There may be only one BEFORE block of statements in a MENU. Make sure that the scope of your MENU statements are correctly marked with an END MENU. Then combine all the preparation code for this menu into a single BEFORE MENU block.

Important: This error is returned only by 4GL at Version 4.1.

1.1883-4391

Only names of single form fields may be used with a BEFORE or AFTER clause. The name of a field is defined in the ATTRIBUTES section of the form definition; it is often the same as the name of a database column. Here are example lines from an ATTRIBUTES section:

```
atag = customer.customer_num,noentry;
tag2 = formonly.total,format="#######.##";
```

The names of these fields are customer_num and total, respectively.

In the 4GL statement in question, you have written a name prefixed with another name and a dot. That is the syntax used for specifying components of screen records or screen arrays, or database columns of the same name in different tables, but it is not appropriate here.

1.1884-4392

Reorganize your program source as a group of modules that can be compiled separately. Alternatively, revise the program so that fewer unique symbols are required, for instance by replacing many similar variables with an array. This error may also be related to the CONSTRUCT statement. If there is a CONSTRUCT over a large number of fields, moving that statement to a function and putting the function in a different source module may alleviate the problem with no other

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changes.

1.1885-4393

There is a maximum of 25 selections in a menu. Make sure that you have not omitted an END MENU statement, thus combining two menus. If the menu is as you intended it, you will have to revise the program so as not to exceed the limit, for example by creating a hierarchy of menus.

1.1886-4394

Although parameters in formal (function-prototype-style) definitions can have initial values, those in the informal function definitions cannot. The initial value of this parameter is ignored. If this value is intended as the default parameter, then use the formal definition format that uses function prototypes to specify defaults.

Important: This error is returned only by NewEra.

1.1887-4395

In this statement the name of a database column is followed by square brackets with several numbers between them. The only valid use for square brackets with a database column is to select a substring from a character column. However, for that use you must write exactly two numbers, the subscripts of the first and last letters of the substring. Here there are more than two numbers. Check and correct the punctuation.

1.1888-4396

4GL could not identify an END MENU statement to match the MENU statement on the line number shown. Start at that line and work down until you find where the terminating statement should have been, and insert it.

1.1889-4397

4GL could not identify an END IF statement to match the IF statement on the line number shown. Start at that line and work down until you find where the terminating statement should have been, and insert it.

1.1890-4398

4GL could not identify an END CASE statement to match the CASE statement on the line number shown. Start at that line and work down until you find where the terminating statement should have been, and insert it.

1.1891-4399

4GL could not identify an END WHILE statement to match the WHILE statement on the line number shown. Start at that line and work down until you find where the terminating statement should have been, and insert it.

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1.1892-44

An operating system error code with the meaning shown was unexpectedly returned to the database server. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.1893-4400

4GL could not identify an END FOR statement to match the FOR statement on the line number shown. Start at that line and work down until you find where the terminating statement should have been, and insert it.

1.1894-4401

This statement concatenates two or more character strings and stores the result in another variable of type CHAR or VARCHAR. However, the result of concatenation was longer than the receiving variable. If the excess length is due to trailing spaces, you can use the CLIPPED function to prevent them from being included in the combined result. Otherwise you will have to define the length of the receiving variable as at least the sum of the lengths of the input variables.

1.1895-4402

The statement contains a name followed by square brackets, but the name is not that of an array variable. Check the punctuation of the statement and the spelling of all names. Names that are subscripted must be arrays. If you intended to use a character substring in this statement, you will have to revise the program.

1.1896-4403

In this statement, the array whose name is shown is subscripted by a different number of dimensions than it was defined to have. Check the punctuation of the subscript. If it is as you intended, then review the DEFINE statement where variable-name is defined.

1.1897-4405

This message is not returned by any current Informix product. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.1898-4406

The source line contains an odd number of quote symbols. Inspect it from left to right and make sure that all literal character strings begin and end with a quote. All literal strings must begin and end on the same logical line. However there are two ways to write long literal strings. First, you may escape the end of line by making the final character in the line be a backslash (however, there is a fixed maximum of 80 characters on the total length of a single quoted string). Second, in the DISPLAY and LET statements you may concatenate shorter literal strings using the comma. Here are two examples.

```
DISPLAY "abcdefghijkl\
```

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mnopqrstuvwxyz"

DISPLAY "abcdefghijkl",

"mnopqrstuvwxyz"

Both display the alphabet with no embedded white-space.

1.1899-4407

This source line contains an unusual character. 4GL suggests that the source file might be corrupt. Edit the file and remove the bad character. If you cannot see or select it with your editor, you may have to delete and retype the line.

1.1900-4408

The limit on the length of a literal character string is 80 characters. However, in the DISPLAY and LET statements you may concatenate shorter literal strings using the comma. See message -4406 for an example.

1.1901-4409

This source line contains some character other than printable text and normal white-space. Remove the invalid characters (which may be invisible under normal editing). If you cannot see or select the invalid characters with your editor program, you may have to delete the line and retype it.

1.1902-4410

A numeric constant in this line cannot be processed. Check the digits and punctuation of all literal numbers; for example, make sure that you have not typed a letter for a digit. No number may have more than 50 digits. Depending on the context, numbers may be restricted to one of three ranges:

SMALLINT: absolute value not exceeding 32,767

INTEGER: absolute value not exceeding 2,147,483,647

DECIMAL: absolute value from 10-130 through 10124

1.1903-4411

No identifier may exceed 50 characters. Check the spelling and punctuation of all identifiers (perhaps two names have run together).

1.1904-4412

The RUN command only returns the integer return code from the program that was executed. There is no automatic conversion of data in this case; its result must be assigned to an integer variable.

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1.1905-4413

The name shown appears in two or more LABEL statements. Check the spelling of the name; if it is as you intended, then look back through this function, report, handler, or main program for other LABEL statements and find the one that uses this same name. Change one of them to use a different name.

Important: This error is returned only by NewEra.

-4413 The label label-name has already been defined within this main program or function.

The name shown appears in two or more LABEL statements. Check the spelling of the name; if it is as you intended, then look back through this function or main program for other LABEL statements and find the one that uses this same name. Change one of them to use a different name.

Important: This error is returned only by 4GL.

1.1906-4414

A GOTO or WHENEVER statement refers to the label shown, but there is no corresponding LABEL statement in the current function, report, handler, or main program. Check the spelling of the label. If it is as you intended it, find and inspect the LABEL statement that should define it. You cannot transfer out of a program block with GOTO; labels must be defined in the same function body where they are used.

Important: This error is returned only by NewEra.

-4414 The label label-name has been used but has never been defined within the above main program or function.

A GOTO or WHENEVER statement refers to the label shown, but there is no corresponding LABEL statement in the current function, report, handler, or main program. Check the spelling of the label. If it is as you intended it, find and inspect the LABEL statement that should define it. You cannot transfer out of a function with GOTO; labels must be defined in the same function body where they are used.

Important: This error is returned only by 4GL.

1.1907-4415

The names used in a ORDER BY, AFTER GROUP OF, or BEFORE GROUP OF statement must also appear in the parameter list of the REPORT statement. It is not possible to order or group base don a global variable or other expression. Check the spelling of the names in the statement and compare them to the REPORT statement.

1.1908-4416

Change the appropriate DEFAULT or INCLUDE value in the syscolval table.

1.1909-4417

Statements such as PRINT, SKIP, or NEED are meaningful only within the body of a report function, where there is an implicit report listing to receive output.

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1.1910-4418

The name following the words DISPLAY ARRAY or INPUT ARRAY must be that of an array of records. Check the spelling of the name. If it is as you intended, find and inspect the DEFINE statement to see why it is not an array. (If you want to display or input a simple variable or a single element of an array, use the DISPLAY or INPUT statement.)

1.1911-4419

The name following the word CONSTRUCT must be that of a variable defined as CHARACTER or VARCHAR. It ought to be a long variable, since the string it receives may be long. Check the spelling of the name and, if it is as you intended, find and inspect the DEFINE statement to see why it is not a character type.

1.1912-4420

4GL needs to know how many lines will be filled in header and trailer sections (otherwise it could not know how many detail rows to put on the page). Since it cannot tell which part of an IF statement will be executed, it requires that both produce the same number of lines of output.

1.1913-4421

You may execute an INPUT statement from within another one, or from a PROMPT statement, but in order to do so you must place the INPUT statement in a function and call the function. You may not embed the text of an INPUT statement within another.

1.1914-4422

You may execute a CONSTRUCT statement from within an INPUT statement, but in order to do so you must place the CONSTRUCT statement in a function and call the function. You may not embed the text of a CONSTRUCT statement in an INPUT statement.

1.1915-4423

The CLIPPED and USING keywords may not be used in the DISPLAY TO and DISPLAY BY NAME statements. The display format of a form field is controlled by the attributes of that field, as specified in the form file. Trailing spaces are not displayed in a field. To get the effect of USING, edit the form file and add a USING attribute to the field or fields.

1.1916-4424

The variable indicated has been used with an asterisk, or with the THRU or THROUGH keywords. However, it has not been defined as a record or an object. Check the spelling of the name. If it is as you intended, locate the definition of the variable and find out why it was not defined as expected.

Important: This error is returned only by NewEra.

-4424 The variable variable-name has not been defined as a record.

The variable shown has been used with an asterisk, or with the THRU or THROUGH keywords.

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However, it has not been defined as a record. Check the spelling of the name. If it is as you intended, locate the definition of the variable and find out why it was not defined as a record.

Important: This error is returned only by 4GL.

1.1917-4425

The named variable has been used in the SET clause of an UPDATE statement. However, it was not defined to be LIKE the table being updated. As a result, 4GL cannot associate record components with table columns. You can change the definition of the variable, or you can rewrite the UPDATE statement to show the explicit relationship between column names and record components.

1.1918-4427

The COLUMN function returns a string of spaces long enough to reach a certain column in the display output. You may use it with unqualified DISPLAY and with DISPLAY AT, but it is not appropriate with DISPLAY TO or DISPLAY BY NAME.

1.1919-4428

You may execute a PROMPT statement from within another one or from within an INPUT statement, but in order to do so you must place the PROMPT statement in a function and call the function. You may not embed the text of a PROMPT statement within an INPUT statement or another PROMPT.

1.1920-4429

You cannot pass a whole array as a parameter of a function. You may pass an individual element of the array by using a subscript. It is possible that the array that is causing this error is one component of a record variable being passed using asterisk notation.

Important: This error is returned only by 4GL.

-4429 Parameters cannot be arrays, records with array members, or constants.

You cannot pass a whole array or a constant as a parameter of a function. You may pass an individual element of an array by using a subscript. It is possible that the array that is causing this error is one component of a record variable being passed using asterisk notation.

Important: This error is returned only by NewEra.

1.1921-4430

A report cannot include a RETURN statement, because that would return control to the routine that invoked the report.

Important: This error is returned only by NewEra.

-4430 Record parameters for a report cannot contain elements that are arrays.

You cannot pass a whole array as a parameter of a function. You may pass an individual element of the array by using a subscript. In this case, a record variable is specified as a parameter using asterisk notation, but one of the components of the record is an array.

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1.1922-4431

This message is not returned by any current Informix product. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.1923-4432

In order to perform grouping, the set of selected rows must be ordered on the same columns. This is the only way to force all the equal values to be found together, as a group. Rewrite the statement so that each selected value that you want to group also appears in an ORDER BY clause. Note that both these clauses allow you to refer to selected values by their position number, as in the following example:

```
SELECT customer_num, month(order_date), avg(ship_weight)
       FROM orders
       ORDER BY 1, 2
       GROUP BY 1,2
```

1.1924-4433

The filename in the REPORT TO statement must be given as a character value; and the program name in the REPORT TO PIPE statement must also be given as a character value. In either case this may be a constant, a variable of either of the types mentioned, or an expression. However it may not be a number or other data type; there is no automatic type conversion in these statements.

1.1925-4434

A program compiled using the demonstration version of INFORMIX-4GL can contain only one module with no more than 150 statements. This program either has too many statements or it refers to a function in another module. Contact your INFORMIX sales representative for information on full development licenses.

1.1926-4435

When a key is trapped by an ON KEY clause, it loses other special functions; for example, if you trap the Escape key, you must use the OPTIONS statement to set up a different Accept key. You are not allowed to use one of the control keys A, D, H, L, R, or X because these have editing functions, and there is no method of assigning alternate keys to those functions.

1.1927-4436

There is a limit of 250 (through Version 4.0) names in the VALIDATE and INITIALIZE statements. Simply divide this statement into multiple statements so as not to exceed the limit.

1.1928-4437

One of the table names used in the list of columns to select does not appear in the FROM clause. Possibly you simply misspelled the name in one of the two places. Or you may have used a table alias in the select-list but forgot to define it in the FROM clause.

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1.1929-4438

Substring notation is not allowed in the INTO clause. You may specify a substring of a column in the list of columns to select and in the WHERE clause. But you have to select into an entire variable. Define a variable to select into, and move the data into the destination substring using a LET statement.

1.1930-4439

The INTO clause may name only simple variables. The use of asterisk or THRU notation is a shorthand for listing all the component fields of a record. The resulting list of fields must consist of simple variables. In this case, the field name is not simple. Perhaps you have referred to the wrong record. If not, you will have to list the name component separately, specifying one or more of its component parts.

1.1931-4440

The THROUGH or THRU shorthand requires you to give the starting and ending fields as they appear in physical sequence in the record. Check the spelling of the names; if they are as you intended, then refer to the VARIABLE statement where the record was defined to see why they are not in the sequence you expected.

Important: This error is returned only by NewEra.

-4440 The field name1 precedes name2 in the record record-name and must also precede it when used with the THROUGH shorthand.

The THROUGH or THRU shorthand requires you to give the starting and ending fields as they appear in physical sequence in the record. Check the spelling of the names; if they are as you intended, then refer to the DEFINE statement where the record was defined to see why they are not in the sequence you expected.

Important: This error is returned only by 4GL.

1.1932-4451

The function or report will have to be simplified. Extract some portion of its code to a separate function or report and call that one.

Important: This error is returned only by NewEra.

-4451 The size of the pcode generated from this function has exceeded the 32K per function limit.

The function will have to be simplified. Extract some portion of its code to a separate function and call that function.

1.1933-4452

No two functions can have the same name. No two reports can have the same name. Change one of the two occurrences of name to a different name.

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Important: This error is returned only by NewEra.

-4452 The function (or report) name has already been defined. Function and report cannot both have the same name.

Each function (or report, which is similar to a function) must have a unique name within the program. Change the function or report name.

1.1934-4453

A table 256K bytes long holds literal strings and identifiers used in the main function and at the global and module levels. The table also holds the identifiers of forms, windows, and cursors. To avoid this error, move some code that uses many literal strings into a separate module or into a function. Alternatively, find a way to initialize character variables without assigning literal strings, for example by reading the initial values from a database or file. Reducing the number of global and module variables will also help.

Important: This error is returned only by NewEra.

-4453 The size of the global string table has exceeded the limit of 32767.

The table is used to hold literal strings and identifiers used in the main function and at the global and module levels. The table also holds the identifiers of forms, windows, and cursors. To avoid this error, move some code that uses many literal strings into a separate module or into a function. Alternatively, find a way to initialize character variables without assigning literal strings, for example by reading the initial values from a database or file. Reducing the number of global and module variables will also help.

Important: This error is returned only by 4GL.

1.1935-4454

A table of 256K bytes holds literal strings and identifiers used in the current function. To avoid this error, split the function into two or more sub-functions. Alternatively, find a way to initialize character variables without assigning literal strings, for example by reading the initial values from a database or file.

Important: This error is returned only by NewEra.

-4454 The size of the local string table has exceeded the limit of 32767.

The table is used to hold literal strings and identifiers used in the current function. To avoid this error, split the function into two or more sub-functions. Alternatively, find a way to initialize character variables without assigning literal strings, for example by reading the initial values from a database or file.

Important: This error is returned only by 4GL.

1.1936-4458

Array dimensions cannot be less than one or greater than 32,767. If you need a larger array, you must either split the array into multiple arrays, or use multiple dimensions.

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1.1937-4475

The name shown has been defined at least two ways. Names at the global or module level must be unique. Locate all the definitions and declarations of this name and change all but one of them.

Important: This error is returned only by NewEra.

-4475 "name" may not be used as both a function (or report) name and a variable name.

The name shown has been defined at least two ways. Names at the global or module level (function names, report names, and names of global or module variables) must be unique. Locate all the definitions of this name and change all but one of them.

Important: Error -4475 is issued with this meaning from 4GL at versions after 4.1.

-4475 "name" may not be used as both a function (or report) name and an identifier.

The name shown has been defined at least two ways. Names at the global or module level must be unique. Locate all the definitions and declarations of this name and change all but one of them.

Important: Error -4475 is issued with this meaning from 4GL at versions after 4.1.

1.1938-4476

This statement has a reference of the form name1.name2[...]. This is the form in which you would refer to a substring of a column: table.column[...]. However, the names are not a table and column in the database, so 4GL presumes they refer to a field of a record. Inspect the statement and determine what was intended: a reference to a column or to a record. If it is a column reference, verify the names of the table and column in the database. If it is a record reference, verify that the record and component are properly defined. If the record has the same name as a table, prefix the name of the table with @ to make it clear you mean the table, not the record.

1.1939-4479

If you want your SQL statements to comply with ANSI standards, you must use the two-dash comment delimiter (- -). The comment delimiters of the number sign (#) and the braces ({ }) are not portable to ANSI-compliant systems. This message is seen because you specified that you wanted warnings issued for constructs that are not ANSI compliant, by means of the -ansi command-line parameter, the DBANSIWARN environment variable, or the DBANSIWARN setting in the informix.ini file.

Important: This error is returned only by NewEra.

-4479 Warning: non-ANSI comment indicator. Use "--" for ANSI compatibility.

If you want your SQL statements to comply with ANSI standards, you must use the two-dash comment delimiter (- -). The comment delimiters of the number sign (#) and the braces ({ }) are not portable to ANSI-compliant systems. This message is seen because you specified that you wanted warnings issued for constructs that are not ANSI compliant, by means of the -ansi command-line parameter, or the DBANSIWARN environment variable.

Important: This error is returned only by 4GL.

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1.1940-4486

4GL has to be able to predict how many lines will be used up in a report header or trailer. Because the size of a TEXT variable is unpredictable, you may not display one in these contexts.

1.1941-4487

In this report body, use separate DEFINE statements for parameters of the report and for local variables of any type.

1.1942-4488

This CONTINUE or EXIT statement is not appropriate in its context. Possibly the statement is misplaced, or possibly the type of statement was specified wrongly.

1.1943-4489

This statement may not refer to an argument of the function nor to a variable defined in the function. It may use only variables defined at the module level (before the MAIN section) or in the GLOBALS section. In the case of OUTPUT REPORT TO, the statement takes effect during the execution of a START REPORT statement. At this time no arguments are passed into the report description, and no report description statements are executed which could initialize a local variable. Change the statement to refer to a variable that can be initialized before the report is started.

1.1944-4490

You cannot specify more than one BEFORE clause for the same field.

1.1945-4491

More than one copy of the function prototype has occurred in the current scope, and the one indicated by this message has specified a different name for a formal parameter than that specified by any prototypes already encountered.

1.1946-4492

More than one copy of the function prototype has occurred in the current scope, and the one indicated by this message has specified a default value for a formal parameter than that specified by any prototypes already encountered.

1.1947-4493

The indicated function reference uses named parameters, but the declaration of the function or report used the informal style of parameter declaration, in which only the names are specified in the parameter list and the types are specified in subsequent, subsidiary declarations.

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1.1948-4494

The indicated function invocation does not list a value for a parameter, and the declaration for the function does not provide a default value for it. Either add a default value in the declaration, or add a name/value pair here in the invocation.

1.1949-4495

The name of a parameter specified in the invocation of the function does not match any of the names in the declaration of that function, or is not a valid NewEra identifier. Check its spelling.

1.1950-4496

The STRING or CHAR(*) type is allowed only in function prototypes, as a parameter, not as an element of a record or class.

1.1951-4497

Two events in the same class cannot have the same name.

1.1952-4498

You cannot declare an event or a handler with the same name as an intrinsic member function (!copy(), !derive(), or the name of the class). Change the name of the event or handler.

1.1953-4499

Either a member called "name" already exists in the current class, and you have attempted to declare another member with that name, or you are attempting to override an event or a variable. Only member functions can be overridden.

1.1954-45

An operating system error code with the meaning shown was unexpectedly returned to the database server. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.1955-450

A BYTE or TEXT host variable used in this statement is not valid. If this is a 4GL program, the variable has not been initialized by use of the LOCATE statement, or was freed after being located. Review the program logic to make sure all BLOB variables are located before use. If this is ESQL/C, the locator structure is invalid or uninitialized. Make sure that all locator structures are allocated and filled in before use.

1.1956-4500

See error -1317, which has replaced this error.

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1.1957-4501

See error -1318, which has replaced this error.

1.1958-4502

See error -1319, which has replaced this error.

1.1959-4503

See error -1320, which has replaced this error.

1.1960-4504

The type of a VALIDATE variable cannot be converted to the type of the validation values.

Important: This error is returned only by NewEra.

-4504 A validation error has occurred as a result of the VALIDATE command.

See error -1321, which has replaced this error for products other than NewEra.

1.1961-4505

See error -1322, which has replaced this error.

1.1962-4506

See error -1323, which has replaced this error.

1.1963-4507

See error -1324, which has replaced this error.

1.1964-4508

See error -1325, which has replaced this error.

1.1965-4509

An array bound has been exceeded, and array bounds checking has been turned on. Array bounds checking can be turned on through the compiler switch "-a" or the PRAGMA ARRAY BOUNDS statement.

Important: This error is returned only by NewEra.

-4509 An array variable has been referenced outside of its specified dimensions.

See error -1326, which has replaced this error for products other than NewEra.

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1.1966-451

The locator structure provided for a BYTE or TEXT value in this statement specifies a memory buffer that is smaller than the value (in the loc_bufsize field). The actual size is in loc_indicator. No data was transferred. Revise the program to use a larger buffer, or to locate the value in a file instead of memory, or to pass the value in segments through a user-provided read function. Alternatively, you can specify a substring of the value in the SELECT statement. If this is a 4GL program, this error should not occur. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.1967-4510

See error -1327, which has replaced this error.

1.1968-4511

See error -1328, which has replaced this error.

1.1969-4512

See error -1329, which has replaced this error.

1.1970-4513

The hexadecimal digits are a - f and 0 - 9. You might have included an illegal character where NewEra expected a hexadecimal value or its sign.

1.1971-4515

See error -1331, which has replaced this error.

1.1972-4516

See error -1332, which has replaced this error.

1.1973-4517

See error -1333, which has replaced this error.

1.1974-4518

Either the program is attempting to return more than 32768 bytes of CHAR, VARCHAR, or CHAR(*) values from a function, or the number of bytes of temporary CHAR(*) variables implicitly created by the program has exceeded 32768.

Important: This error is returned only by NewEra.

-4518 The 4GL program cannot allocate any more space for temporary string storage.

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For products other than NewEra, see error -1334, which has replaced this error.

1.1975-452

The loc_open() function provided in the locator structure for a BYTE or TEXT value in this statement was called and returned a negative return code. When the value is located using user-supplied functions (loc_loctype contains LOCUSER), this function is part of the program and you have to diagnose its problems yourself. When the value is located in a file (loc_loctype contains LOCFILE, or in a 4GL program, the variable has been located in a file), then this error indicates that the system-supplied loc_open() function was not able to open the file. Possible causes include: the file does not exist; you do not have read permission for the file; too many open files.

1.1976-4527

The p-code file for the program (whose file suffix is .4go) has become corrupted. Recompile at least the module that contains the named function (preferably the whole program) and run it again. If the same error occurs, make sure that you are running both fglpc and fglgo at the identical version level. If you are, please refer to the OnLine Administrative Guide, Appendix B, "Trapping Errors," to acquire additional diagnostics. Contact Informix Technical Support with the diagnostic information.

1.1977-453

The loc_close() function provided in the locator structure for a BYTE or TEXT value in this statement was called and returned a negative return code. When the value is located using user-supplied functions (loc_loctype contains LOCUSER), this function is part of the program and you have to diagnose its problems yourself. When the value is located in a file (loc_loctype contains LOCFILE, or in a 4GL program, the variable has been located in a file), then this error indicates that the system-supplied loc_close() function was not able to close the file.

1.1978-4535

An internal error has occurred.

The code generating the include statement, the Application Builder front end code that generated the INCLUDE statement is out of synchronization with the Application Builder back end code that handles the insertion and removal of data from the database.

This could also be caused by an extraordinarily large save in which the filenames exceed 64K.

1.1979-4536

The application builder could not open the database. This could be caused by network failure, INFORMIX-NET failure, or an incorrect value in the DBPATH environment variable. Check the DBPATH setting, and run SETNET. Also verify that the unix host is correctly functioning

1.1980-4538

An attempt was made by the Application Builder to execute an OPEN DATABASE command without specifying the name of the database. Check the "database=..." line in your informix.ini. If the default database is desired, set the line to "database=syspg4gl".

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1.1981-454

The loc_read() function provided in the locator structure for a BYTE or TEXT value in this statement was called and returned a negative return code. When the value is located using user-supplied functions (loc_loctype contains LOCUSER), this function is part of the program and you have to diagnose its problems yourself. When the value is located in a file (loc_loctype contains LOCFILE, or in a 4GL program, the variable has been located in a file), then this error indicates that the system-supplied loc_read() function was not able to read from the file.

1.1982-4542

The attempt by the Application Builder to upgrade an older style database from INFORMIX-4GLto a new style used by NewEra failed. This process involves creating a series of new tables and modifying and moving the data.

The error could occur because of lack of permissions. The upgrade should be done by the owner of the database.

The error could be due to a full disk condition. The upgrade will not erase old information until it has been written and verified, and then only if requested. The amount of free space required for an upgrade is approximately equal to the amount used by the older database.

1.1983-4543

You need to use some delimiter other than any of the 22 forbidden symbols that are listed here.

1.1984-455

The loc_write() function provided in the locator structure for a BYTE or TEXT value in this statement was called and returned a negative return code. When the value is located using user-supplied functions (loc_loctype contains LOCUSER), this function is part of the program and you have to diagnose its problems yourself. When the value is located in a file (loc_loctype contains LOCFILE, or in a 4GL program, the variable has been located in a file), then this error indicates that the system-supplied loc_write() function was not able to write to the file. Possible causes include: the disk is full; you do not have write permission for the disk; a hardware error.

1.1985-4555

You have attempted to create a variable whose total size exceeds 65535. Arrays can consume space more quickly than you might notice. A simple array A[100,100] of CHAR(6) would consume 10,000 x 7 - 70,000 bytes.

1.1986-4556

You have attempted to create an object whose total size exceeds 65535. Arrays can consume space more quickly than you might notice. A simple array A[100,100] of CHAR(6) would consume 10,000 x 7 - 70,000 bytes.

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1.1987-456

This is an internal error that shows a problem in the communication between the database server and the library functions that call it. Make sure that your program is at the same software level as the database server in use. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.1988-457

The database server process or thread with which your application program was working has terminated. The DBA may have shut the system down. The next most likely cause is an internal error. Look for operating system messages that might give more information. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

Tip: Be sure to check the ISAM error code returned with this error. If it is -129, the database server has not terminated, but simply reached a limit on the number of concurrent user sessions (see the explanation of error -129)

1.1989-458

The database server (probably OnLine or INFORMIX-OnLine for NetWare) ran out of log space in which to record this transaction. A transaction that is not fully recorded cannot be rolled back, so to preserve database integrity, the operating system ended the transaction and rolled it back automatically. All changes made since the start of the transaction have been removed. Terminate the application and replan it so that it modifies fewer rows per transaction. Alternatively, contact the OnLine administrator to discuss having the number or the size of the logical logs increased. Be prepared to talk about the number of rows being updated or inserted and the size of each row.

1.1990-459

The instance of OnLine that your application was using has been shut down by its operator. Your current transaction will be rolled back automatically when the database server starts up again. Rerun the application at that time.

1.1991-46

An operating system error code with the meaning shown was unexpectedly returned to the database server. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.1992-460

The statement text in this PREPARE, DECLARE, or EXECUTE IMMEDIATE statement is longer than the database server can handle. The actual limit differs with different implementations, but is always generous, in most cases up to 32,000 characters. Review the program logic to make sure that some error has not caused it to present a string that is longer than intended, for example, by overlaying the null string terminator byte in memory. If the text has the intended length, you will have to revise the program to present fewer statements at a time.

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1.1993-461

This statement transfers a value between a file and a BYTE or TEXT column. Since the locator structure field loc_loctype was set to LOCFNAME, the database server tried to open the file using the pathname in loc_fname and the flags in loc_oflags. An operating system error was returned. Check the accompanying ISAM error code for more information, and look for operating system messages. Typical causes include lack of disk space, file permission problems, and limits on the number of open files.

1.1994-462

This statement reads a value from a BYTE or TEXT column into a file. The database server copied the data to the file, but got an operating system error when it closed the file. Check the accompanying ISAM error code for more information, and look for operating system messages. Typical causes include lack of disk space and hardware errors.

1.1995-463

This statement writes a value into a BYTE or TEXT column from a file. The database server got an operating system error while reading the file. Check the accompanying ISAM error code for more information, and look for operating system messages.

1.1996-464

This statement reads a value from a BYTE or TEXT column into a file.The database server got an operating system error while writing the data. Check the accompanying ISAM error code for more information, and look for operating system messages. Typical causes include lack of disk space and hardware errors.

1.1997-4646

It must be greater than or equal to the current column and less than or equal to the right margin of the report (or the left margin for reports with DIRECTION RIGHT TO LEFT). The report margins are set in the OUTPUT section of the report.

1.1998-465

This query returns a BYTE or TEXT value that is located in memory, and the locator structure asked (by setting -1 in loc_bufsize) that the database server allocate the memory. It was unable to get the necessary memory for a buffer. If you can use operating system methods to allocate more data space memory to your program, do so and run it again. Alternatively, locate the value in a file, or use a substring to select the value in portions. If this is a 4GL program, this error should not occur. On DOS systems, exit to the operating system command line, free up some disk space, and resubmit your program. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.1999-4654

The program has declared a variable of type CHAR with a size that is out of the acceptable range.

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1.2000-4655

The declaration of the fort VARCHAR (maximum, reserved) has incorrectly specified a value for reserved that is not between 0 and maximum, inclusive.

1.2001-4658

Identifiers used for dynamic cursor names must be variables.

1.2002-4659

A formal argument cannot accept a character data type of unspecified length, such as STRING or CHAR(*).

1.2003-466

This statement stores a value in a BYTE or TEXT column from a file. The locator structures specified a length for the data in loc_locsize, but the database server found end of file before it had read that much data. Review the program to make sure that the input file was properly positioned, and that the correct length was specified. Specify a length of -1 if the file should be read to its end. If this is a 4GL program, this error should not occur. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.2004-4660

A formal argument cannot specify a class name (nor FOREIGN) as its data type.

1.2005-4661

The intrinsic member functions !copy() and !derive() must have PUBLIC access control. Note that this is the default access control for member functions.

1.2006-4663

The -useccl compiler switch has been used. An ODBC error, shown here as "text" has been detected.

1.2007-4664

The user needs to include ixstmt.4gh if they are compiling a REPORT or the MAIN program block with the -useccl switch.

This statement has calls to functions nested within the parameter lists of other function calls, to a level exceeding four. The maximum level supported is four, as in the following expression:

Afun(2-Bfun(3+Cfun(4*Dfun(5)))).

Rewrite the expression to store the result of the innermost function calls in a variable, and use the variable in the expression.

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1.2008-4665

You used the semicolon (;) notation of the PRINT statement to suppress the newline character that by default terminates every PRINT statement. But the newline character is required after the last printable character of output from a page header or page trailer.

1.2009-4666

For a detailed description of the problem, please see the repold.log file either in $INFORMIXDIR\temp or in the current directory.

1.2010-4667

Updating the repository with a forward-declared class is not encouraged.

1.2011-4668

The Symbol Description Language code cannot be generated.

1.2012-467

This program was compiled with the -icheck flag, and the current SQL statement did return a truncated or null value, for which an indicator would normally be set, to a host variable for which no indicator variable was specified. Revise the program to use indicator variables.

1.2013-468

Your application is trying to open communications to a database server. As part of doing this it has to read your user id from the system password file, and it failed to do this. Look for operating system error messages that may give more specific information. Consult with a system administrator to make sure the file of user ids is readable to all users.

1.2014-469

The name of the system descriptor area specified does not exist in the list of system descriptor areas, so it has not been allocated. You must execute the ALLOCATE DESCRIPTOR statement to allocate this descriptor name before using it.

1.2015-47

An operating system error code with the meaning shown was unexpectedly returned to the database server. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.2016-470

If you include the WITH MAX occurrences clause in the ALLOCATE DESCRIPTOR statement, you must specify a value of occurrences that is greater than zero. Change the value of occurrences to a

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positive integer and execute the ALLOCATE DESCRIPTOR statement again.

1.2017-4701

The -V option requests that the program display the version number and then terminate. No other options are allowed with this option. If you want to see the version number, repeat the command, but without any other option besides -V.

1.2018-4702

The command cannot be executed because you did not specify the name of any program. Repeat the command with the name of a NewEra program as an argument.

1.2019-4703

You have specified an option that the program does not recognize. Please refer to your documentation for the valid options of this command. Repeat the command, using only valid options.

1.2020-4704

You have specified an option that the program does not recognize. Please refer to your documentation for the valid options of this command. Repeat the command, using only valid options.

1.2021-47086

You cannot assign a default value consisting of the current time from the system clock when the column data type is not DATETIME. Modify the column data type to DATETIME (if permitted), or specify a different default value for the column.

1.2022-47087

Select a different (non-null) default value for the column, or modify the column to accept null values.

1.2023-47088

You cannot specify a default value consisting of the current database server name or current site name for a column that is not a CHAR, NCHAR, VARCHAR, or NVARCHAR data type. Change the column data type (if permitted) or specify a different default value.

1.2024-47089

In order to specify a default value consisting of the current database server name or current site name for a CHAR, NCHAR, VARCHAR, or NVARCHAR column, the minimum column length must be 18. Increase the column length or specify a different default value.

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1.2025-47090

You cannot specify a default value consisting of the current system date for a column when the column data type is not DATE. Change the column data type (if permitted) or specify a different default value.

1.2026-47091

You cannot specify a default value consisting of the login name of the current user for a column that is not a CHAR, NCHAR, VARCHAR, or NVARCHAR data type. Change the column data type (if permitted) or specify a different default value.

1.2027-47092

In order to specify a default value consisting of the login name of the current user for a CHAR, NCHAR, VARCHAR, or NVARCHAR column, the minimum column length must be 8. Increase the column length or specify a different default value.

1.2028-47093

In order to create a primary or unique constraint on the column, change the column data type from TEXT or BYTE, if permitted.

1.2029-47095

You cannot create a foreign key constraint on a column that does not exist in the referenced table. Specify a different referencing or referenced column for the constraint.

1.2030-47098

You cannot include more than 16 column names in a single primary or unique constraint on the INFORMIX-OnLine Dynamic Server, or 8 column names in one primary or unique constraint on the INFORMIX-SE database server. Reduce the number of columns specified in the constraint definition.

1.2031-47099

You cannot use the ALTER TABLE menu options to modify an existing constraint. Existing constraints are identified by an asterisk preceding the name.

1.2032-471

This error is generated if the name of the SQL descriptor is either an empty string or an uninitialized host variable. Descriptor names follow the same naming rules as identifiers. Check the name of the descriptor and verify that it has been set with the SET DESCRIPTOR statement or allocated with the ALLOCATE DESCRIPTOR statement or otherwise initialized.

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1.2033-47100

You cannot create a constraint on a column that does not exist in the table.

1.2034-47101

The cursor is in the wrong field on the screen. Move the cursor to highlight an entry in the Constraint Name field to drop all columns associated with a primary key, check, or unique constraint. Highlight the Constraint field to drop all columns associated with a foreign key constraint.

1.2035-47102

The buffer in the SQL editor, which holds the check constraint value and the literal default constraint value, is full. If you are modifying the check constraint, a different editor might have a larger buffer.

1.2036-47104

You tried to specify a fill factor percentage that is a negative number or is greater than 100 percent. Specify a different percentage or press RETURN to accept the default value of 90 percent.

1.2037-47105

You cannot use the same dbspace more than once in a fragmentation strategy. The dbspace you selected is already part of the strategy. Select another dbspace from the current list.

1.2038-47106

A table can be attached to a fragmentation strategy only once. The table you selected is already part of the fragmentation strategy. Select another table from the current list.

1.2039-47107

You can execute only one menu option in an ALTER FRAGMENT menu session, and it cannot be applied to the current strategy more than once. For example, you can add only one dbspace to a round-robin strategy and you cannot delete a dbspace during the same ALTER TABLE session.

1.2040-47108

You have specified a dbspace that is not part of the current fragmentation strategy. Select a dbspace on the current INFORMIX-OnLine Dynamic Server from the list displayed on the screen.

1.2041-47109

You have specified a dbspace as part of your attaching table strategy. This indicates that you wish to position the attaching table before or after a dbspace that is part of the fragmentation strategy being attached to. You must define a “before” or “after” position.

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1.2042-472

Change the value of the COUNT so that it is less than or equal to the occurrences and greater than zero and try again.

1.2043-473

This error is generated when a GET DESCRIPTOR or a SET DESCRIPTOR statement is executed in X/Open mode, and the value for the type field is not an X/Open standard type. Check the X/Open codes for data types again and make sure the correct type is being used.

1.2044-474

An unknown field type has been requested. Make sure that you are using one of the valid field types in X/Open mode and try again. The valid field types are TYPE, LENGTH, PRECISION, SCALE, NULLABLE, INDICATOR, DATA, and NAME.

1.2045-475

This is an X/Open rule. You must request the INDICATOR value in the GET DESCRIPTOR statement when DATA is null.

1.2046-476

When you use a SET DESCRIPTOR statement, and the TYPE is set to SQLCHAR, then the LENGTH field must also be specified and set in the same SET DESCRIPTOR statement.

1.2047-477

In a GET DESCRIPTOR statement, the buffer (the character host variable) specified to store the NAME entry is too small. Increase the buffer size and call the GET DESCRIPTOR statement again. This error message also is displayed when the host variable is a FILE type, and the buffer used to store its name is too small.

1.2048-478

In the initial state, when you execute a SET DESCRIPTOR statement, you must specify the TYPE as one of the fields to be set. Set the TYPE field in the SET DESCRIPTOR statement and execute it again.

1.2049-479

The number of columns in the table is larger than the allocated descriptor. Use the ALLOCATE DESCRIPTOR statement to reallocate a larger occurrence value and try the DESCRIBE statement again.

1.2050-48

An operating system error code with the meaning shown was unexpectedly returned to the database server. If the error recurs, please note all circumstances and contact the Informix Technical Support

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Department.

1.2051-480

A system descriptor area with the same name has already been allocated, so this descriptor name is not unique. Change the name of this descriptor in the ALLOCATE DESCRIPTOR statement so that the descriptor is unique and execute the statement again.

1.2052-481

The statement has not been prepared or the statement name used is not valid. A valid statement name is between 1 and 18 characters; it begins with a nonnumeric character and does not contain any blanks or nonalphanumeric characters except underscore.

1.2053-482

You cannot issue a FETCH PRIOR, FETCH FIRST, FETCH LAST, FETCH CURRENT, FETCH RELATIVE n, or FETCH ABSOLUTE m statement with a non-scroll cursor. To do so, you must first declare the cursor as a scroll cursor.

1.2054-483

SQL descriptor names cannot exceed 18 characters.

1.2055-484

The name of the statement or cursor must be from 1 to 18 characters.

1.2056-485

This error can only occur if your database is ANSI-compliant. The error indicates that the number of host variables in an ESQL statement is not the same as the number of values returned by the database server. In addition, a warning flag is placed in the third element of the sqlwarn structure of sqlca.

The execution of the second statement in the following ESQL/C example returns this error:

```
$create table mytab (i integer, f float)
$select * into :var1 from mytab; --error
```

If your database is not ANSI-compliant, this and similar statements complete without error, and the values of the host variables are set in sequence to their respective returned values. If the number of returned values is smaller than the number of host variables, the remaining host variables are undefined. As with an ANSI-compliant database, a warning flag is placed in the third element of the sqlwarn structure of sqlca.

1.2057-486

The type found in the system descriptor sqlvar entry is either invalid or uninitialized. You cannot use the GET DESCRIPTOR statement to get a value from an uninitialized sqlvar.

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1.2058-487

The specified SQL statement requires you to declare a cursor as static or dynamic. Declare the cursor as static or dynamic, depending on which type of cursor is required, and retry the specified operation.

1.2059-488

An invalid operation has been attempted on a cursor. A cursor declared for a SELECT statement cannot be used in a PUT statement. Similarly, a cursor declared for an INSERT statement cannot be used in a FETCH statement. Check the program and try again.

1.2060-489

An exception number was requested that was either less than 1 or greater than the number of diagnostic entries in the diagnostic area.

1.2061-49

An operating system error code with the meaning shown was unexpectedly returned to the database server. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.2062-490

You created a database that lacked NLS functionality.

1.2063-491

Set the DBNLS environment variable to an appropriate value. Make sure LC_COLLATE is set to the specified string_value.

1.2064-492

You specified an invalid value for a LANG or LC_COLLATE environment variable.

1.2065-493

Set the DBNLS environment variable to an appropriate value. Make sure LC_TYPE is set to the specified string_value.

1.2066-494

You specified an invalid value for a LANG or LC_CTYPE environment variable.

1.2067-495

You specified an invalid value for a LANG or LC_MONETARY environment variable.

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1.2068-496

You specified an invalid value for a LANG or LC_NUMERIC environment variable.

1.2069-497

You specified an invalid value for a LANG or LC_TIME environment variable.

1.2070-498

The version of the ixtomsg file, which holds the mapping table of SQLCODE to SQLSTATE values, is illegal. The ixtomsg file is located in the directory: $INFORMIXDIR/msg. Please check the date and size of the file.If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.20714zhmcl

A system call has failed. Do a DISCONNECT and then check on the status of the server. See your UNIX system administrator for assistance.

1.20724zhocg

The data you selected probably exceeded the disk space available to you on the host. The results retrieved from the host are incomplete. Take one or more of the following actions:

- Modify your SELECT clause to select less data or fewer fields.
- Consult your host Systems Administrator for more disk space.
- Modify your SIZE clause to retrieve fewer rows.
- Modify the Max Records to Retrieve parameter on the SETUP screen.

1.20734zijag

The WHERE clause in the current EXTRACT statement contains an invalid comparison. Correct and rerun the EXTRACT statement.

1.20744zlrcf

An ODBC (Open Database Connectivity) component used by the Gateway to access the target DBMS has reported the error contained in the message_token. Refer to your ODBC documentation to correct the problem.

The message_token has the following format:

```
[ODBC_Error_Code Sqlstate Driver_Prod_id] ODBC_Error_Message
```

ODBC_Error_Code	is the error code of the ODBC component. (It can be 0).
Sqlstate	is the SQLSTATE associated with the error. For a list of SQLSTATE codes, see your ODBC documentation.

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Driver_Prod_id	is the product id of the ODBC driver being used.
ODBC_Error_Message	is the error message provided by the ODBC component. This message is truncated if the entire sqlerrm text is longer than 71 bytes.

The Driver_Prod_id has the following format:

```
Driver_Name:Driver_Version
```

Driver_Name	is up to the first five characters of the name of the file containing the ODBC Driver being used for the connection (specifically, the SQL_DRIVER_NAME returned by the SQLGetInfo ODBC function). If the connection has not yet been established, then the Driver_Name is blank.
Driver_Version	is the first 10 characters of the version of the ODBC Driver (specifically, the SQL_DRIVER_VER returned by the ODBC SQLGetInfo function). The Driver_Version is a character string of the form nn.nn.nnnn, where the first two digits are the ODBC Driver's major version, the next two digits are its minor version, and the last four digits are its release version (e.g., 02.00.0000). For example, an Oracle7 Driver_Prod_id might be libor: 01. 02. 0006.

Tip: If the connection attempt to the target DBMS was not completely successful, then the Driver_Product_id will be ":00.00.0000".

1.2075-5

An operating system error code with the meaning shown was unexpectedly returned to the database server. Look for other operating-system error messages that might give more information. In particular, try to determine what device produced the error and whether that device held the database or some other kind of file.

1.2076-50

An operating system error code with the meaning shown was unexpectedly returned to the database server. If you are attempting to use INFORMIX-STAR or INFORMIX-NET, contact your system administrator to find out when the network will be back up. If not, please note all circumstances and contact the Informix Technical Support Department.

1.2077-500

A table may be clustered on only one index at a time. This table is already clustered on the index whose name is shown. Before you can cluster on another index, you must execute ALTER INDEX

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index-name TO NOT CLUSTER. To see which tables are clustered on which indexes, query sysindexes and systables as follows:

```
SELECT tabname, idxname FROM systables T, sysindexes X
WHERE T.tabid = X.tabid AND X.clustered = 'C'
```

1.2078-50000

This message is generated by the ixApp constructor. The system creates the ixApp object, and there can be only one. The program code must not attempt to create an ixApp object.

1.2079-50001

This message is generated by many member functions. The program can close a window by calling ixWindow::close. The user can cause a window to be closed by selecting Close from the window system menu. Once a window has been closed, although there might still be pointers that reference it, the program can no longer call any of its member functions or refer to members of it.

1.2080-50002

This message is generated by an ixBox constructor. A box must have both an anchor and a size set. They have no default sizes.

1.2081-50003

This message is generated by an ixLine constructor. A line must have both an anchor and a size established. They have no default sizes.

1.2082-50004

This message is generated by ixPictureButton::setColor(). The color attribute of a picture button is set by the bitmap file. Do not attempt to set the color directly.

1.2083-50005

The isEqualTo() member function is not supported in the ixFile, ixRowArray, and ixVisualObject classes, and any classes derived from them. Any attempt to call it in these contexts reports this error.

1.2084-50006

This message is generated when the program attempts any of the following: ixFile::copy(), ixRowArray::copy(), or ixVisualObject::copy() because it is not clear what "copying" should do. Use the operating system to copy files. Row arrays are used by SuperTables, so you should not need to copy them yourself. VisualObject is a virtual class, and the program should not be able to obtain an instance to copy.

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1.2085-50008

This message is generated by the ixVisualObject constructor. Once a window has been closed, each ixVisualObject within it acquires an availability of "closed". No member function of a closed visual object can be called, except for getAvailability(). Therefore, you cannot add new visual objects to a closed window. Rather than check the window, we just check the passed container object's availability.

1.2086-50009

This message is generated by many functions within classes derived from ixVisualObject. Correct all other processing errors. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.2087-50010

This message is generated by the ixVisualObject constructor, or by ixVisualObject::setSize(). All visual objects except ixBox and ixLine must have a size greater than or equal to zero.

1.2088-50011

This message is generated by the ixVisualObject constructor. All visual objects, except top level ixWindow objects, must be attached to an ixVisualContainer.

1.2089-50012

This message is generated by the ixWindow constructor. It indicates that the user has requested a popup ixWindow, but has not indicated a containing window. Rather than guess at a containing window, VCL creates the new window as a normalTop window instead.

1.2090-50013

This message is generated by the ixWindow constructor. The user has requested a mainTop or normalTop style of ixWindow, but has also specified a containing window. Only popup windows can have containing windows, so VCL ignores the containingWindow parameter.

1.2091-50014

This message is generated by the ixWindow constructor. This indicates that a windowStyle parameter other than mainTop, normalTop, modalPopup, or modlessPopup was requested. The windowStyle is then assumed to be normalTop.

1.2092-50015

The ixSuperTable::applyRowLock() member function was called but an error was reported by the engine. This row maybe locked by the engine. Verify that the SQL string displayed is correct and try looking up the engine error code, displayed in parenthesis.

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1.2093-50016

This message is generated by the ixVisualObject constructor, or by ixVisualObject::setAnchor (), if an attempt is made to set the top or left point (anchor) of an ixVisualObject to a negative value.

1.2094-50017

This message is generated by ixWindow::setIcon(), possibly through being invoked by the ixWindow constructor. Popup windows cannot be minimized separately from their containing windows. If the popup window's container is minimized, the popup is simply hidden; no icon is shown. This indicates that an icon was specified.

1.2095-50018

This message is generated by ixWindow::getIcon(), The program attempted to find out what the icon was for the popup window. Popup windows cannot have icons. The value NULL is returned.

1.2096-50019

This message is generated by ixBlob::setValueStr(). The setValueStr() function takes a CHAR(*) parameter, and blobs can be larger than 32,766 characters--the maximum size of a CHAR(*).

1.2097-50020

The user entered "!" in an ixSuperField object of TEXT or BYTE data type, but no blob editor has been specified for the data.

For ixText objects only, the blob editor can be specified in the informix.ini file, by setting the DBEDIT variable to the name of the editor you prefer. If this isn't in the informix.ini file, the DBXEDIT environment variable is examined. If that is not set, the DBEDIT environment variable is checked. Finally, if none of these is set, the value "notepad" (for Windows) or "vi" (for Unix) is used.

For a TEXT or BYTE SuperField, the user can set the SuperField blobEditor member to the name of a blob editor.

1.2098-50021

This message can occur on ixBlob destruction, or a call to free when the blob storage file cannot be removed. Check for a named data file in a directory for which the program does not have write permission.

1.2099-50022

An invalid whence parameter was passed to _ _blob-seek(). Correct all other processing errors. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

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1.2100-50023

This message is generated by the ixWindow constructor. Memory corruption may have occurred. Correct all other processing errors. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.2101-50024

This message is generated by the ixMenu constructor if a NULL parent parameter was passed. Menus can be attached only to other menus. One menu (the member) is created automatically by the ixWindow constructor.

1.2102-50025

A memory corruption may have occurred. Correct all other processing errors. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.2103-50026

The program attempted to set ixBlob::locInFile in a named file without specifying a file name.

1.2104-50027

The program attempted to seek outside of blob space. One possible cause is that ixText::getSubString() was called with a starting point larger than the blob.

1.2105-50028

This message is generated by the constructor for ixByte when the first parameter is invalid.

1.2106-50029

This message is generated by the constructor for ixByte when the first parameter is ixByte::locInFile and no named file is specified.

1.2107-50030

This message is generated by the constructor for ixText when the first parameter is invalid.

1.2108-50031

This message is generated by the constructor for ixText when the first parameter is ixText::locInFile and no named file is specified.

1.2109-50032

A system call to edit a blob failed. This could occur if the name specified for the blob editor is invalid, or if no such file is in the current path.

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1.2110-50033

This message is generated by ixNumeric and by classes derived from it. It indicates that an arithmetic function was requested that was not consistent with the numeric type. The only valid objects for these functions are ixFloat, ixSmallFloat, ixInteger, ixSmallInt, ixDecimal, and ixMoney. In addition, the mod() function is valid only for ixInteger and ixSmallInt. Check that your reference is to the proper type of object.

1.2111-50034

This message is generated by ixObject::isClassDerivedFromClass() if either parameter is NULL. In this case, the function returns a value of NULL. Make sure that both the subclass and base class names refer to existing, defined classes.

1.2112-50035

This message is generated by ixObject::isEqualTo() if the parameter that is passed is NULL. The function then returns a value of FALSE.

1.2113-50036

This message is generated by the ixBlob constructor. When you set the location of a blob (either an ixText or ixByte object) with the ixBlob::setLocation() member function, you can specify whether the data should be in memory, in a file of your choosing, or in a temporary file created locally. Temporary files are named by NewEra, and if you include a file name with this option it will be ignored.

1.2114-50037

This message is generated by the ixBlob constructor. When you set the location of a blob (either an ixText or ixByte object) with the ixBlob::setLocation() member function, you can specify whether the data should be in memory, in a file of your choosing, or in a temporary file created locally. If you chose to store the blob in memory, there is no need for a file name and so if one is included it will be ignored.

1.2115-50038

The ixSuperTable::prepRowLock() member function was called but an error was reported by the engine. Verify that the SQL string displayed is correct and try looking up the engine error code, displayed in parenthesis.

1.2116-50039

An error occurred when the program prepared to open a blob storage file. This can happen if the file exists but cannot be read for some reason (perhaps because of permission problems).

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1.2117-50040

An error occurred when the program tried to open a blob storage file. The file has been created or read, but for some reason cannot be written to (perhaps because of permission problems).

1.2118-50041

An error occurred when the program tried to read a blob storage file.

1.2119-50042

An error occurred when the program tried to write to an open a blob storage file. There may be a space shortage on the device.

1.2120-50043

An error occurred when the program tried to write to a blob storage file, because storage memory grew during the write. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.2121-50044

An error occurred when the program tried to create a blob storage file (perhaps because of permission problems.

1.2122-50050

This message is generated by the ixFile constructor if it cannot open the specified file.

1.2123-50051

This message is generated by ixMsgFile::readMsg(). The system is unable to allocate enough memory to make a string to store the value that is read from the message file. Reduce either the size of the program or the length of the message.

1.2124-50052

This message is generated by the ixMsgFile constructor or by ixMsgFile::readMsg(). The file specified is corrupt or is not an Informix compile message file.

1.2125-50054

This message is generated by ixSuperTable. The insert failed. Check that the SuperField data types match the appropriate database column types.

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1.2126-50055

This message is generated by the ixSuperField constructor. The colNum parameter has a value less than 1 or greater than the number of columns in the SuperTable.

1.2127-50056

This warning is generated by the ixSuperField::dataValidate() member function. This warning can be issued while validating the field's value against a list of values in the field's includeTable. It is caused by a value in the include list being of the wrong type, such as a character string when the field has a datetime value. Review the values in the include list for this SuperField, and make sure that they are all of the same, correct type.

1.2128-50057

Help has been requested for an item that has no help number assigned to it, meaning that there is no help text available for the object. There is no workaround for this at runtime, but it can be addressed in the application code by ensuring that the object has a help number associated with it, and that there is a corresponding message in the appropriate help file.

1.2129-50060

For a gridForm superTable, this error will occur if the underlying grid control has not been created. This is an internal VCL error.

1.2130-50061

This message is generated by the ixSuperTable constructor. The only valid layouts are gridForm and freeForm (which are ixSuperTable constants).

1.2131-50062

This message is generated by the ixSuperTable constructor. The only valid values for displayMode are displayQuery and displayData (which are ixSuperTable constants).

1.2132-50063

This message is generated by the ixSuperTable constructor. The only valid lock modes are pessimisticLock, optimisticLock, and noLock (which are ixSuperTable constants).

1.2133-50064

This message is generated by the ixSuperTable::setScrollRange() member function. The value of totalRows must be greater than zero.

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1.2134-50065

The highlightRow() function works in the following way:

if rowNum == ixSuperTable::currentRow || rowNum IS NULL
then the current row is highlighted.

if rowNum == ixSuperTable::lastRow
then the last row is highlighted.

if rowNum < 1 || rowNum > totalRows
then warning -50065 is generated.

There is no way to highlight all of the rows.

1.2135-50066

The unhighlightRow() function works in the following way:

if rowNum == ixSuperTable::currentRow
then the current row is highlighted.

if rowNum == ixSuperTable::lastRow
then the last row is highlighted.

if (rowNum < 0) || (rowNum > totalRows)
then warning -50066 is generated.

if rowNum IS NULL
then all the rows are unhighlighted.

1.2136-50067

This message is generated by the ixSuperTable::highlightRow() member function. The value of the startRownum parameter must be between 1 and the number of stored rows (that is, ixSuperTable::getNumStoredRows()), inclusive.

1.2137-50068

The rowNum parameter to the ixSuperTable::getChangeFlag function is out of range. The valid range for this parameter is between 1 and the number of stored rows (that is, ixSuperTable::getNumStoredRows()), inclusive.

1.2138-50069

The colNum parameter to the ixSuperTable::getChangeFlag function is out of range. The valid range for this parameter is between 1 and the number of displayed columns (that is, ixSuperTable::getNumCols()), inclusive.

1.2139-50070

The ixSuperTable::getChangeFlag() function does not support setting the changeFlag to isDeleted because rows must be deleted from SuperTables by using ixSuperTable::delete().

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1.2140-50071

The rowNum parameter to the ixSuperTable::getChangeFlag() function is out of range. The valid range for this parameter is between 1 and the number of stored rows (that is, ixSuperTable::getNumStoredRows()).

1.2141-50072

The colNum parameter to the ixSuperTable::getChangeFlag function is out of range. The valid range for this parameter is between 1 and the number of displayed columns (that is, ixSuperTable::getNumCols()).

1.2142-50073

The SQLPrepSelect() event has been called with the default handler doSQLPrepSelect() but an error was reported by the engine. Verify that the SQL string displayed is correct and try looking up the engine error code, displayed in parenthesis.

1.2143-50074

The SQLFetch() event has been called with the default handler doSQLFetch() but an error was reported by the engine. Try looking up the engine error code, displayed in parenthesis.

1.2144-50075

The ixSuperTable::setCellValue() function tried calling getSuperField() on the colNum parameter specified, but NULL was returned. Some serious internal error has occurred.

1.2145-50076

The rowNum parameter to the ixSuperTable::initCellValue function is out of range. The valid range for this parameter is between 1 and the number of stored rows (that is, ixSuperTable::etNumStoredRows()).

1.2146-50077

The colNum parameter to the ixSuperTable::initCellValue function is out of range. The valid range for this parameter is between 1 and the number of displayed columns (that is, ixSuperTable::getNumCols()).

1.2147-50078

The ixSQLConnect object specified in the ixSuperTable constructor is probably invalid, because ixSuperTable::getConnection() returns NULL. The ixSuperTable::prepRowLock() function creates the lockStmt using the implicit connection.

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1.2148-50079

The ixSQLConnect object specified in the ixSuperTable constructor is probably invalid, because ixSuperTable::getConnection() returns NULL. The doSQLPrepSelect function creates the selectStmt using the implicit connection.

1.2149-50080

The ixSQLConnect object specified in the ixSuperTable constructor is probably invalid, because ixSuperTable::getConnection() returns NULL. The doSQLInsert function creates the insertStmt using the implicit connection.

1.2150-50081

The ixSQLConnect object specified in the ixSuperTable constructor is probably invalid, because ixSuperTable::getConnection() returns NULL. The doSQLUpdate function creates the updateStmt using the implicit connection.

1.2151-50082

The ixSQLConnect object specified in the ixSuperTable constructor is probably invalid, because ixSuperTable::getConnection() returns NULL. The doSQLDelete function creates the deleteStmt using the implicit connection.

1.2152-50083

Could not determine the updateTable for this SuperTable. The function getUpdateTable() returned NULL. Check the updateTable and selectFromPart constructor parameters to ixSuperTable.

1.2153-50084

Could not determine the updateTable for this SuperTable. Calling getUpdateTable() returned NULL.Check the updateTable and selectFromPart constructor parameters to ixSuperTable.

1.2154-50085

Could not determine the updateTable for this SuperTable. Calling getUpdateTable() returned NULL. Check the updateTable and selectFromPart constructor parameters to ixSuperTable.

1.2155-50086

Could not determine the updateTable for this SuperTable. Calling getUpdateTable() returned NULL. Check the updateTable and selectFromPart constructor parameters to ixSuperTable.

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1.2156-50087

The ixSuperTable::SQLFetch() function returned a row with a NULL as one of its elements. If you have bound this event to one of your own handler's, make sure that every element of the returned row is an allocated ixValue.

1.2157-50088

The ixSuperTable::buildLockStr() function is calling ixSuperTable::getDynKeyStr() in order to qualify which row to lock, however getDynKeyStr() is returning NULL. Check to make sure a primary key was properly specified for the SuperFields in this SuperTable.

1.2158-50089

The ixSuperTable::buildUpdateStr() function is calling ixSuperTable::getDynKeyStr() in order to qualify which row to update, however getDynKeyStr() is returning NULL. Check to make sure a primary key was properly specified for the SuperFields in this SuperTable.

1.2159-50090

The ixSuperTable::buildUpdateStr() function is calling ixSuperTable::getDynKeyStr() in order to qualify which row to delete, however getDynKeyStr() is returning NULL. Check to make sure a primary key was properly specified for the SuperFields in this SuperTable.

1.2160-50091

In the ixSuperField constructor, an invalid value was specified for the dataState. The only valid values are ixSuperField::enabledState, ixSuperField::readOnlyState, and ixSuperField::disabledState.

1.2161-50092

An invalid value was specified for the dataState. The only valid values are ixSuperField::enabledState, ixSuperField::readOnlyState, and ixSuperField::disabledState. If you have given an invalid state and the state has previously been set to a valid value, the operation is ignored and the existing value is kept. Check your program to make sure that you are using the class constants to specify the data state.

1.2162-50093

In the ixSuperField constructor, an invalid value was specified for the queryState. The only valid values are ixSuperField::enabledState, ixSuperField::readOnlyState, and ixSuperField::disabledState.

1.2163-50094

An invalid value was specified for the queryState. The only valid values are ixSuperField::enabledState, ixSuperField::readOnlyState, and ixSuperField::disabledState. If you have given an invalid state and the state has previously been set to a valid value, the operation is ignored

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and the existing value is kept. Check your program to make sure that you are using the class constants to specify the query state.

1.2164-50095

The totalRows parameter specified in the call to ixSuperTable::setScrollRange() was larger than the number of stored rows (that is, getNumStoredRows()). The ixSuperTable::setScrollRange() function sets the new scrollRange to be the total number of stored rows in the current displayMode.

1.2165-50096

The ixSuperTable::getKeyCols() function expects an input ixRow and returns a new ixRow containing the elements of that row which corresponding to the superfields that are part of the primaryKey. For some reason this function was called with a NULL ixRow.

1.2166-50097

This is a serious internal error. In the process of going through each of the SuperFields, ixSuperTable::getSuperField() returned NULL for one of the SuperFields.

1.2167-50098

The ixSuperTable::getUpdateCols() function expects an input ixRow and returns a new ixRow containing the elements of that row which corresponding to the SuperFields that have an SQLRole of updateRole. For some reason this function was called with a NULL ixRow.

1.2168-50099

The SQLInsert() event has been called with the default handler doSQLInsert() but an error was reported by the engine. There may be a problem with the sqlRole specifications of the SuperField columns. Try looking up the engine error code, displayed in parenthesis.

1.2169-501

The table is no longer clustered on this index (if it ever was). Make sure that this is the index you meant; if so it is not necessary to alter this index. For a way to see which tables are clustered, see the discussion of error -500.

1.2170-50100

The SQLUpdate() event has been called with the default handler doSQLUpdate() but an error was reported by the engine. There may be a problem with the primary key specification or maybe a SERIAL column was incorrectly specified w/ an SQL role of updateRole. Try looking up the engine error code, displayed in parenthesis.

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1.2171-50101

In one of ixNumeric's mathematical functions (ixNumeric::power(), ixNumeric::sqrt(), ixNumeric::asin(), ixNumeric::acos(), ixNumeric::log10(), ixNumeric::root()), the operation resulted in an error condition.

1.2172-50102

This message is generated by ixNumeric. The ixNumeric::root() and ixNumeric::div() member functions are undefined for zero. You should check for zero roots and divisors before calling these functions.

1.2173-50103

The column number given was less than one or more than the number of columns in the SuperTable. Check the value you are using for the colNum argument to the ixSuperField constructor to make sure that it is in range.

1.2174-50104

This message is generated by ixWindows::open(). A popup cannot be opened before its container is opened.

1.2175-50105

This message is generated by ixApp::setFont() or by ixVisualObject::setFont(). It makes no sense to set a font size to a negative value. This request is ignored.

1.2176-50106

This message is generated by the ixButton constructor. Default buttons are supported only in modal popup windows. This request is ignored.

1.2177-50107

The SQLDelete() event has been called with the default handler ixSuperTable::doSQLDelete() but an error was reported by the engine. There may be a problem with the primary key specification, or maybe there is a referential integrity constraint preventing the deletion. Try looking up the engine error code, displayed in parenthesis.

1.2178-50108

This message is generated by ixControl::setTabIndex() if the program attempts to set a negative tab index for the control. Negative tab indexes are not supported. The request is ignored.

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1.2179-50109

This message is generated by the ixControl constructor if the program attempts to set a negative tab index for the control. Negative tab indexes are not supported. the defaultTabOrder is used.

1.2180-50110

This message is generated by the ixWindow constructor. The only style of window a modal window can contain is another modal window. The new window is assumed to be of modalPopup style.

1.2181-50111

This is a reminder that this row is locked and cannot have elements added (with ixRow::insert() or ixRow::concat()) or deleted (with ixRow::delete()). This is to prevent changing the count of a row copied from a database, which would make the row no longer match. (You can still reset the values in the row, however.) Make sure that your setting of isCountLocked matches your program logic for updating the row.

1.2182-50112

When creating an ixRowArray, you need to include a valid ixRow object that can be used as a schema for the rows in the array. This ixRow object is used to specify the number of columns in the ixRowArray, as well as each column's type, length, and initial value. Check your program to make sure that you are calling ixRowArray::ixRowArray() with a valid ixRow object.

1.2183-50113

This message is generated by the ixSuperTable constructor if the SuperTable is grid form and a negative title height was specified. The default height is used.

1.2184-50114

The column number given was NULL or less than one. Check the value you are using for the numDisplayedCols argument to the ixSuperTable constructor to make sure that it is valid.

1.2185-50115

The row number given was NULL or less than one. Check the value you are using for the numDisplayedRows argument to the ixSuperTable constructor to make sure that it is valid.

1.2186-50116

This message is generated by the ixString constructor, and by ixString member functions setValueStr(), concat(), concatRep(), insert(), replace(), and concatChar(), when the length of the ixString object exceeds the maximum size allowed: 32,766 characters.

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1.2187-50117

The value specified for position was NULL, negative, or greater than 32,766.

1.2188-50118

The value specified for position was NULL, negative, or greater than 32,766, or the length to be deleted was NULL or negative.

1.2189-50119

The value specified for position was NULL, zero, negative, or greater than 32,766.

1.2190-50120

The value specified for position was greater than 32,766. Check the width value (using ixString::getWidth()) before calling ixString::setChar().

1.2191-50121

The value specified for position was NULL, negative, or greater than 32,766, or the position was greater than the length of the existing object. Check the width value (using ixString::getWidth()) before calling ixString::getChar().

1.2192-50122

You have asked to truncate the string to more than its maximum possible length (32,766), or to a NULL or negative length. Check the width value (using ixString::getWidth()) before calling ixString::truncate().

1.2193-50123

You have asked to pad the string to either more than its maximum possible length (32,766) or to a negative value. Check the width value (using ixString::getWidth()) before calling ixString::pad().

1.2194-50124

This message is generated by ixMenu. Check marks can only appear next to menu items on a dropdown (pulldown) menu, not on items in the menu bar. Redo your menu to eliminate check marks on the menu bar.

1.2195-50125

This message is generated by ixMenu. Menu separators can appear only on a dropdown (pulldown) menu, not on the menu bar. Instead of a separator, a single '-' will be shown as the menu item's title. Redo your menu to eliminate separators on the menu bar.

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1.2196-50126

This message is generated by ixMenu. Items on the menu bar may have mnemonics, but not accelerators. You should rewrite your menu to eliminate accelerators on menu bar items.

1.2197-50127

This message is generated by any of the following: ixApp, ixBox, ixButton, ixCheckBox, ixFrame, ixLabel, ixLine, ixListBox, ixMenu, ixPictureButton, ixRadioButton, ixSuperField, ixSuprTable, ixTextBox, ixWindow. This is usually caused by running out of memory to contain a newly created object, though in rare circumstances other system errors, such as I/O problems, can cause this condition. The best solution is to try to reduce the resource requirements of your program, especially its memory needs.

1.2198-50128

You have called the ixSuperTable::disable() member function of the current SuperField, which cannot be disabled. Check your program logic--usually you want to disable SuperFields that are not current and without focus too.

1.2199-50129

These types do not support formatting, and so calling the ixSuperField::setFormat() member function for fields with these values should not be done. Check the type of the field (with getColumn().getTypeCode()) before calling ixSuperField::setFormat(), and make sure that the type supports formatting.

1.2200-50130

This message is generated by ixApp or ixWindow. You cannot exit the application or close a window by any means while a modal window (such as a dialog box) is being shown. This is to ensure the modality of the dialog. (It is also illegal because you would be trying to delete the modal window while it was trying to handle the event, and that will crash some graphical user interfaces.)

1.2201-50131

This message from ixApp occurs when enough DISPLAY statements have been executed to fill the display viewer. If you answer OK, the viewer is cleared and the text from the current DISPLAY statement is written to it. If you answer Cancel, the viewer is unchanged and the current DISPLAY's text is discarded.

1.2202-50132

You have called the ixVisualObject::hide() member function of the current field, which cannot be hidden. Check your program logic--usually you want to hide fields that are not current.

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1.2203-50133

This message is generated by ixMenu. You cannot create a pulldown menu whose title is '-' because this conflicts with the use of '-' as a menu separator, and separators cannot contain other menu items. This is true even in the case of a '-' item on the menu bar.

1.2204-50134

This message is generated by ixSuperTable. The container used for retrieving rows can hold only 16K items on MS Windows, due to memory segment limitations. If you encounter this limit, try redoing your query so that you retrieve fewer rows at one time.

1.2205-50135

This message is generated by ixVector. Vectors on the MS Windows can hold only 16K items, due to memory segment limitations. If you encounter this limit, try modifying your application so that it uses smaller vectors.

1.2206-50136

You cannot specify a lock mode without also specifying something to lock. If neither an update table nor a table to select from is given, then there is no place to retrieve from, and locking is unnecessary. This error usually results from an omission in the constructor call (you do want to specify locking, but you forgot to name the table) or inadvertently including an unnecessary locking value. Check your code for both of these cases.

1.2207-50137

A picture string value controls what characters can be typed in, and its length specifies how many characters a field can hold. You cannot enter more characters than the picture string allows, so in the case where maxDataChars is unequal to the picture length, it is adjusted to match. Check your constructor call, and change maxDataChars.

1.2208-50140

When a master-detail set of SuperTables is to be linked, the primary-key SuperField must be pasted in the master SuperTable. If it is not pasted, the detail SuperTable will not be able to find the related foreign-key information.

1.2209-50141

To a given item in an ixMenu object, you can attach either a submenu or an accelerator key, or neither of these, but not both.

1.2210-502

While building a new copy of the table with rows in clustered sequence, the database server got an unexpected error. Check the accompanying ISAM error code for more information. Typical causes include a shortage of disk space.

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1.2211-50200

A Dynamic Data Exchange Management Library (DDEML) function has returned a value of DMLERR_ADVACKTIMEOUT (0x4000). Either the client or the server was not available, or there was contention for some resource.

1.2212-50201

A Dynamic Data Exchange Management Library (DDEML) function has returned a value of DMLERR_BUSY (0x4001). Some contention for resources kept the transaction from being completed.

1.2213-50202

A Dynamic Data Exchange Management Library (DDEML) function has returned a value of DMLERR_DATAACKTIMEOUT (0x4002). The transaction was not completed within the specified time.

1.2214-50203

A Dynamic Data Exchange Management Library (DDEML) function has returned a value of DMLERR_DML_NOT_INITIALIZED (0x4003). Before calling any other DDEML function, an application must call the DdeInitialize() function. This function obtains an instance identifier for the application, registers the application's DDE callback function with the DDML, and specifies the transaction filter flags for the callback function.

1.2215-50204

A Dynamic Data Exchange Management Library (DDEML) function has returned a value of DMLERR_DLL_USAGE (0x4004).

1.2216-50205

A Dynamic Data Exchange Management Library (DDEML) function has returned a value of DMLERR_EXECACKTIMEOUT (0x4005). The transaction was not completed within the specified time.

1.2217-50206

A Dynamic Data Exchange Management Library (DDEML) function has returned a value of DMLERR_INVALIDPARAMETER (0x4006). Possible causes include:

- The application used a data handle initialized with a different item-name handle than that required by the transaction.
- The application used a data handle that was initialized with a different clipboard data format than that required by the transaction.
- The application used a client-side conversation handle with a server-side function or a server-side conversation handle with a client-side function.
- The application used a freed data handle or string handle.
- More than one instance of the application used the same object.

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1.2218-50207

A Dynamic Data Exchange Management Library (DDEML) function has returned a value of DMLERR_LOW_MEMORY (0x4007). A DDEML application has created a prolonged race condition (where the server application outruns the client) that consumes huge amounts of memory.

1.2219-50208

A Dynamic Data Exchange Management Library (DDEML) function has returned a value of DMLERR_MEMORY_ERROR (0x4008).

1.2220-50209

A Dynamic Data Exchange Management Library (DDEML) function has returned a value of DMLERR_NOTPROCESSED (0x4009).

1.2221-50210

A Dynamic Data Exchange Management Library (DDEML) function has returned a value of DMLERR_NO_CONV_ESTABLISHED (0x400A).

1.2222-50211

A Dynamic Data Exchange Management Library (DDEML) function has returned a value of DMLERR_POKEACKTIMEOUT (0x400B).

1.2223-50212

A Dynamic Data Exchange Management Library (DDEML) function has returned a value of DMLERR_POSTMSG_FAILED (0x400C).

1.2224-50213

A Dynamic Data Exchange Management Library (DDEML) function has returned a value of DMLERR_REENTRANCY (0x400D).A synchronous transaction was initiated while the application instance has another synchronous transaction in progress, or the DdeEnableCallback() function was called from within a callback function.

1.2225-50214

A Dynamic Data Exchange Management Library (DDEML) function has returned a value of DMLERR_SERVER_DIED (0x400E). A server-side transaction has been attempted on a conversation that was terminated by the client, or the server terminated before completing a transaction.

1.2226-50215

A Dynamic Data Exchange Management Library (DDEML) function has returned a value of DMLERR_SYS_ERROR (0x400F).

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1.2227-50216

A Dynamic Data Exchange Management Library (DDEML) function has returned a value of DMLERR_UNADVACKTIMEOUT (0x4010).

1.2228-50217

A Dynamic Data Exchange Management Library (DDEML) function has returned a value of DMLERR_UNFOUND_QUEUE_ID (0x4011). When the application has returned from an XTYPE_XACT_COMPLETE callback, the transaction identifier for that callback is no longer valid.

1.2229-50230

The cell of the SuperTable being requested contained no data.

1.2230-50231

The requestor asked for a range of cells that exceeded the boundaries of the SuperTable.

1.2231-50232

There was a mismatch between the data type sought by the requestor and that found by the server.

1.2232-50233

An initialization error occurred when the server attempted to recognize the item. Verify that the string specifying the item is one of the estalished set of items.

1.2233-50234

The server was unable to complete the delivery of items from the SuperTable to the requestor.

1.2234-503

This database server in this host operating system has a limit on the number of tables that can be locked at one time. It was unable to lock the table you requested. Roll back the current transaction. Then redesign the operation to lock fewer tables, or to use row-level locking instead, or to open the database in exclusive mode.

1.2235-504

This LOCK TABLE command cannot be carried out because the table specified is really a view. Only real tables can be locked. Roll back the current transaction. Then redesign the operation to work against the real tables on which the view is based, or open the database in exclusive mode.

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1.2236-50401

An attempt was made to construct, concatenate, or insert a NULL or not fully typed ixCollection object. A fully typed and non-NULL ixCollection must be used during these function calls. Please refer to Standard Class Library Reference for information about how to use ixCollection::ixCollection ( ) to construct a valid value type.

1.2237-50402

Failed to provide a non-NULL element to INSERT or SET for an ixList, ixMultiSet, or ixSet object. A non-NULL element is required. Inserting or setting (replacing) a NULL element will cause no change to ixList, ixMultiSet, or ixSet objects.

1.2238-50403

An attempt was made to provide an incompatible element to an ixList, ixMultiSet, or ixSet object during concatenation, insertion, or replacement. An element of an object of the same class (or derived from ixValue) is necessary to ensure compatibility with the ixList, ixMultiSet, or ixSet object. A compatibility check during element construction might be needed to prevent this error.

1.2239-50404

An attempt was made to insert or set a duplicate element to the ixSet object. A unique element that is not already contained in the ixSet object must be used. Use the contains( ) function call (as described in Standard Class Library Reference) to check for the uniqueness of an element.

1.2240-50405

An attempt was made to provide an invalid element position to set an ixList, ixMultiSet, or ixSet object. The position must fall within the correct range of ixList, ixMultiSet, or ixSet for the setting to work properly. Use the getCount( ) function call (as described in Standard Class Library Reference) to check whether the specified position is within the size limit.

1.2241-50406

The program called setValueStr( ) was called for a NULL or not fully typed ixCollection object. A fully typed and non-NULL ixCollection object is required here. Please refer to Standard Class Library Reference for information on using ixCollection::ixCollection( ) to construct a valid value type.

1.2242-50407

An attempt was made to construct a value descriptor with non-user-defined data types. A value desciptor must be constructed with ixTypeInfo object of **SQLO**paqueVar or **SQLO**paque objects (user-defined objects).

1.2243-50408

A valid string was not provided during setValueStr( ) for an ixCollection object or ixRow object. A non-empty string value and a valid string must be used during this function call. See Standard Class

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Library Reference for details of how setValueStr( ) is used with ixCollection or ixRow objects.

1.2244-50409

An attempt was made to call setValueStr( ) with an input string whose item number does not match that of the ixRow object. The item number of the input string must be equal to the item number of the specified ixRow object in order for setValueStr( ) to work properly.

1.2245-50410

An attempt was made to construct or use function calls of the following classes: ixCollection, ixList, ixMultiSet, ixSet, ixBoolean, ixValueDesc, and ixRawValue.

These classes are only supported by the INFORMIX-Universal Server, so they are currently disabled. Use of objects of these classes will result in a fatal error.

1.2246-505

This UPDATE statement uses a SET clause in which a list of column names is set equal to a list of expressions, or to a SELECT statement. The number of columns on the left of the equal sign is not the same as the number of data values produced on the right. Roll back the current transaction. Then rewrite this statement. If a list of expressions is used, check the punctuation to make sure that each expression is distinct. If a SELECT statement is used, review it to see how many columns it returns.

1.2247-506

Your account has been granted the privilege of updating specific columns, but this UPDATE statement updates all columns, or columns for which you do not have the privilege. Contact the owner of the table, or someone with Database Administrator privilege in this database, and ask to be granted full UPDATE privilege. For a way to list table owners, see the discussion of error -313.

1.2248-507

The cursor named in the WHERE CURRENT OF clause in this UPDATE or DELETE statement does not exist. Review the spelling of the name; if it is as you intended, then check the DECLARE statement and make sure it has been executed. Also make sure that the cursor has not been freed with the FREE statement.

1.2249-50700

This is not an error message. This text is displayed in an ixOleField when the displayType is displayText. This text is placed in the .msg file for ease of maintenance.

1.2250-50701

An attempt has been made to store non-SQLByte data, or data that has not been created by an OLE document server, into an ixOleField. Valid data for an ixOleField must be created by an OLE document server, and if the ixOleField is associated with a column in a database, the column must be of type SQLByte.

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1.2251-50702

The displayType value specified for the data in the ixOleField is invalid. For ixOleFields in a grid-form SuperTable, the valid display types are displayDefault and displayText. Consult the NewEra documentation for valid display types for ixOleFields.

1.2252-50704

The initialDataValue property contains an invalid value.

The initialDataValue property is used to specify the value and appearance to be displayed for ixOleField when it is first instantiated at runtime.

1.2253-50705

This context requires that the storage type of the ixOleByte object be specified as ixByte::locInResourceFile.

1.2254-50706

You must copy the OLE data to another location after the data is read from the .rc file.

1.2255-50707

Legal values are:

ixByte::locInFile
ixByte::locInResourceFile

You must substitute one of these two values for whatever invalid argument appeared in the ixOleByte () constructor argument.

1.2256-50711

The first actual argument of the ixOcxField() constructor, namely ocxClsId, is not valid. Compare this to the OCXClassID in the registry for the OCX with which the ixOCXField object is intended to interact. Some value must be specified in the constructor because there is no default.

1.2257-50712

Default values are:

TRUE - for a free-form SuperTable
FALSE - for a grid-form SuperTable

The value specified for the InPlace formal argument of the ixOcxField() class constructor was neither TRUE nor FALSE. If the default is not appropriate for your application, then you should specify a different value that is valid.

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1.2258-50713

You called the ixOcxField::doVerb() member function, but the value that you specified for the VerbID formal argument is not valid. Replace the invalid argument with a valid and appropriate one for the OCX.

1.2259-50714

You called a member function of the ixOcxField class, but the value that you specified for the propName formal argument is not valid. Replace the invalid argument with a valid and appropriate one for the OCX.

1.2260-50715

You called the ixOcxField::setData() function, but the value that you specified for the value formal argument is not valid. Replace the invalid argument with a valid and appropriate one for the OCX.

1.2261-50716

You have run out of memory, so that there is not enough memory to store the returned value.

1.2262-50717

You are using an ixVariant object to receive a value from an OCX event, but this release of NewEra does not support the IDispatch interface type of the Component Object Model.

1.2263-50718

There is a mismatch between the number of ixValue objects in the params argument (an ixVector object) of the ixOcxField::callMethod() function, and the number of arguments in the signature of the OCX method.

1.2264-50719

There is a mismatch between at least one data type of an ixValue object in the params argument (an ixVector object) of the ixOcxField::callMethod() function, and the data types in the signature of the OCX method.

1.2265-50720

An exception has been raised by the OCX. Refer to the OCX logic.

1.2266-50721

You have referenced a member of the OCX that is not supported. Check for typographic errors in the name of the member.

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1.2267-50722

You are using an OCX that supports the IDispatch interface type of the Component Object Model, and you attempted to pass a value by name to an event or method of the OCX.

1.2268-50723

Data type conversion has failed because of an overflow. Examine the logic of the OCX, and see if you can find data types that will prevent overflow.

1.2269-50724

You have invoked a member function of ixOcxField, and there is a mismatch between the list of values that you passed to the OCX and what the OCX was designed to receive. Examine the OCX interface to see if you can resolve the mismatch.

1.2270-50725

Data type conversion has failed. Examine the logic of the OCX and see if you can find data types that will avoid this problem.

1.2271-50726

You are using an ixVariant object to receive a value from an OCX event, but this release of NewEra does not support the interface type of the Component Object Model that you have specified.

1.2272-50727

The locale ID that you specified is not recognized. Check your spelling.

1.2273-50728

You have invoked a member function of ixOcxField, but you are using as the methodName or propName formal argument an actual argument that the OCX does not recognize. Examine the OCX interface to see if an identifier has been spelled incorrectly.

1.2274-50729

You have invoked a member function of ixOcxField, but you are using as the methodName or propName formal argument an actual argument that the OCX does not recognize. Examine the OCX interface to see if an identifier has been spelled incorrectly.

1.2275-50730

Contact Informix Technical support if you receive this error.

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1.2276-50731

Examine the OCX interface to see if this discrepancy between the type library format that you provided and the format that the OCX expected can be resolved.

1.2277-50732

See if the type library is present. Look for any system error messages that might explain why the library could not be opened.

1.2278-50733

The GetProperty() call made for an OCX property value returned a value that was not acceptable to the OCX. You must check the variable type of the property in the GetProperty() function.

1.2279-50734

The ixOcxField::callMethod() function requires two arguments. The first, methodName, must be a character string that is the identifier of a method of the OCX, but the OCX does not recognize the name of the method that you specified in the call. Examine this function call for errors, and make sure that the value of the methodName argument is the identifier of one of the methods of the OCX.

1.2280-50735

The ixOcxField::setProperty() function requires two arguments. The first, propName, specifies the name of the OCX property. The second, propValue, sets a value for that property. You have called this function with a NULL ixValue object as the second argument. Examine your program logic, and make sure that the value of the propValue argument is consistent with what the OCX requires.

1.2281-50736

The ixOcxField::setProperty() function requires two arguments. The first, propName, specifies the name of the OCX property. The second, propValue, sets a value for that property. The actual propValue argument attempts to set a value that is not valid for the specified propName. Examine this function call for errors, and make sure that the value of the propValue argument is consistent with what the OCX requires.

1.2282-50740

An incorrect data type has been passed as an argument to an OCX event by ixOcxField::callMethod (). Examine the OCX, and use an argument of a different data type that avoids the mismatch.

1.2283-50741

An incorrect NULL value has been passed as an argument to an OCX event by ixOcxField:: callMethod(). Examine the OCX, and use a non-NULL value that is valid as an argument for that OCX event.

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1.2284-50742

An invalid type was given to the custom event parameter. For an event parameter, the OCX expects a valid value with relevant type, and not a NULL value.

1.2285-50743

The event or a function of the OCX expects an array as one of the parameters. Either one of the values is NULL (invalid), or the entire array is NULL (invalid).

1.2286-50744

One of the properties or one of the parameters of the OCX is an array with invalid dimensions. This error occurs when values are significantly greater or smaller than expected.

1.2287-50745

The value provided for an array location is incorrect. Either the type of the value or the format is invalid.

1.2288-50746

The OCX has a property of type array or a function that takes an array as a parameter. This array could not be built internally.

1.2289-50747

The OCX has a property of type array or a function that takes an array as a parameter. The values and dimensions of the array do not match.

1.2290-50748

The number of elements in the ixVector member of the ixVariant object is not valid for the safearray.

1.2291-50749

One or both of the actual arguments of the ixVariant() class constructor is invalid.

1.2292-50750

The value argument of the ixVariant() constructor is invalid.

1.2293-508

This RENAME TABLE statement cannot be executed because the specified table is temporary. There is no means of renaming a temporary table. Review the spelling of the table name; if it is as you intended, you will have to drop it and create it again under a different name.

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1.2294-509

This RENAME COLUMN statement cannot be executed because the specified table is temporary. There is no means of renaming a column in a temporary table. Review the spelling of the table name; if it is as you intended, you will have to drop it and create it again with different columns.

1.2295-50909

A call to the ixvalue::addMapping() member function has failed because the class provided for the wrapper class is not defined.

1.2296-50910

A call to the ixvalue::addMapping() member function has failed because the class provided for the wrapper class does not have the required !receive() intrinsic function defined.

1.2297-50912

An error has occurred in the member function addMapping because the name passed in argument className is not the name of a user-defined class derived from the NewEra Standard Class ixValue. Only classes that are derived from ixValue (either directly or indirectly) and that are not NewEra Standard Classes can be mapped to user-defined types (UDTs). Please ensure that the name passed in argument className is the name of a class that is correctly derived and spelled.

1.2298-50913

An error occurred in function __ixSQLStmtINFX due to an invalid value passed in argument mode. This is an error that is internal to INFORMIX-NewEra CCL. Please contact your technical support representative.

1.2299-50914

In function mapODBCTypeToSQLI, a call to SQLColAttributes failed. This is an error that is internal to INFORMIX-NewEra CCL. Please contact your technical support representative.

1.2300-50915

In function getBlobData, a call to function SQLGetData to get binary data failed. This is an error that is internal to INFORMIX-NewEra CCL. Please contact your technical support representative.

1.2301-50916

A call to function ifRow::deleteAllElements failed. This is an error that is internal to INFORMIX-NewEra CCL. Please contact your technical support representative.

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1.2302-50917

In function initializeParams, a call to function ifRow::add failed. This is an error that is internal to INFORMIX-NewEra CCL. Please contact your technical support representative.

1.2303-50918

An error has occurred in a CCL statement class member function because there is not a valid connection. Insure that a connection object exists and that it is connected to a data source prior to calling any statement class member function.

1.2304-50919

An error has occurred in either the member function getConnectOption() or setConnectOption() because the value of argument 'option' is invalid. Insure 'option' is set to a valid connection option for the connection class.

1.2305-50920

An error has occurred in the member function setConnectOption because the value of argument 'param' is not of the correct type. Insure 'param' is of the correct type according to the value of the argument 'option'.

1.2306-50921

An error has occurred in the member function setConnectOption() because the value of argument 'param' is NULL, which is invalid. Insure the argument 'param' is not NULL.

1.2307-50923

An error occurred in the ixSQLStmt destructor when an attempt was made to free the cursor. This is an internal error caused by a corrupt cursor.

1.2308-50924

An error occurred in the ixSQLStmt destructor when freeing the ODBC statement handle. This is an internal error caused by a corrupt handle.

1.2309-50925

The Connectivity Class Library does not support the CCL option that was passed to ixSQLStmt::getInfo().

1.2310-50926

Before a call to ixSQLStmt::fetch() or ixSQLStmt::fetchInto() can be made, the SQL statement must have been prepared and executed. Either call ixSQLStmt::prepare() and then ixSQLStmt::execute(), or call ixSQLStmt::execDirect().

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1.2311-50927

Call the function ixSQLStmt::allocateRow() again to create a new ixRow.

1.2312-50928

The ixSQLConnect object passed to the ixSQLStmt constructor must already be connected to a data source for the constructor to succeed. Call the ixSQLConnect::connect() function before passing the ixSQLConnect object to the ixSQLStmt constructor.

1.2313-50929

The ixSQLStmt::describeCol() member function can be called only after SELECT statement have been prepared.

1.2314-50930

An attempt to set the AUTOCOMMIT mode to OFF failed. The ODBC driver might not support manual commit mode. The ixSQLConnect object is in AUTOCOMMIT mode. This mode is not supported by the Informix Connectivity Class Library.

1.2315-50931

The ixSQLStmt object must be prepared before the ixSQLStmt::getNativeTypeName() member function can be called. Call either ixSQLStmt::prepare() or ixSQLStmt::execDirect() before calling ixSQLStmt::getNativeTypeName().

1.2316-50932

The column number passed to ixSQLStmt::getNativeTypeName() is either less than zero or greater than the number of columns in the result set.

1.2317-50933

This function performs no action on the ixSQLConnect or ixSQLStmt object.

1.2318-50934

The ixSQLStmt::setStmtOption() parameter did not have a valid value.

1.2319-50935

Correct all other processing errors. Try a different ODBC driver. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

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1.2320-50936

Correct all other processing errors. Try a different ODBC driver. If the error recurs, please note all circumstances and contact the Informix Technical Support Department (ixDecimal).

1.2321-50937

Correct all other processing errors. Try a different ODBC driver. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.2322-50938

Correct all other processing errors. Try a different ODBC driver. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.2323-50943

The statement might not be prepared yet. Try calling ixSQLStmt::prepare() before ixSQLStmt::getNativeTypeName(). Verify that the column number is in the range from 1 to the value returned by ixSQLStmt::numResultCols().

1.2324-50944

You may be attempting to insert or fetch an item of data type ixInterval into an ODBC-compliant data source. This is not supported. Another possible problem is that the data source contains one of the ODBC data types SQL_BITINT, SQL_TINYINT, SQL_BIT, SQL_BINARY, or SQL_VARBINARY, then no equivalent NewEra class is derived for ixValue corresponding to these types.

Call ixSQLConnect::getTypeInfo() to determine the supported data types.

1.2325-50945

An invalid option was passed to the isSQLStmt::setStmtOption() member function.

1.2326-50946

Correct all other processing errors. Try a different ODBC driver. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.2327-50947

An error occurred in the ixSQLStmt::rowCount() member function. The isSQLStmt object might not have been prepared. Call ixSQLStmt::prepare() or ixSQLStmt::execDirect() before calling ixSQLStmt::rowCount().

1.2328-50948

Check the SQL syntax to ensure it is correct. Call ixSQLConnect::SQLError() for ODBC error information.

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1.2329-50949

The statement might not be prepared yet. Try calling ixSQLStmt::prepare() before ixSQLStmt::numResultCols(). Call ixSQLConnect::SQLError() for ODBC error information.

1.2330-50950

Call ixSQLStmt::prepare() before ixSQLStmt::allocateRow().

1.2331-50951

Call ixSQLStmt::prepare() before ixSQLStmt::describeCol() or call ixSQLConnect::SQLError() for ODBC error information.

1.2332-50952

Correct all other processing errors. Try a different ODBC driver. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.2333-50953

Correct all other processing errors. Try a different ODBC driver. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.2334-50954

Correct all other processing errors. Try a different ODBC driver. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.2335-50955

An ixValue in the ixRow does not contain a matching type for the result schema. Call ixSQLStmt::allocateRow() to get a new ixRow and pass this ixRow into ixSQLStmt::fetchInto().

1.2336-50956

Correct all other processing errors. Try a different ODBC driver. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.2337-50957

Correct all other processing errors. Try a different ODBC driver. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.2338-50958

Correct all other processing errors. Try a different ODBC driver. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

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1.2339-50959

Correct all other processing errors. Try a different ODBC driver. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.2340-50960

Correct all other processing errors. Try a different ODBC driver. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.2341-50961

Correct all other processing errors. Try a different ODBC driver. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.2342-50962

Correct all other processing errors. Try a different ODBC driver. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.2343-50963

Correct all other processing errors. Try a different ODBC driver. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.2344-50964

Correct all other processing errors. Try a different ODBC driver. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.2345-50965

Correct all other processing errors. Try a different ODBC driver. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.2346-50966

Correct all other processing errors. Try a different ODBC driver. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.2347-50967

Correct all other processing errors. Try a different ODBC driver. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.2348-50968

The statement might not be prepared yet. Call ixSQLStmt::prepare() before calling this function.

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1.2349-50969

Ensure that the filters passed to the ixSQLConnect::getTypeInfo() are correct. Ensure that the ixSQLConnect::getTypeInfo() member function is supported by the ODBC driver by calling ixSQLConnect::getFunctions(). Call ixSQLConnect::SQLError() for ODBC error information.

1.2350-50970

Ensure that the filters passed to the ixSQLConnect::getInfo() are correct. Ensure that the ixSQLConnect::getInfo() member function is supported by the ODBC driver by calling ixSQLConnect::getFunctions(). Call ixSQLConnect::SQLError() for ODBC error information.

1.2351-50971

Call ixSQLConnect::SQLError() for ODBC error information.

1.2352-50972

Ensure that the filters passed to the ixSQLConnect::getConnectOption() are correct. Ensure that the ixSQLConnect::getConnectOption() member function is supported by the ODBC driver by calling ixSQLConnect::getFunctions(). Call ixSQLConnect::SQLError() for ODBC error information.

1.2353-50973

Ensure that the filters passed to the ixSQLConnect::driverConnect() are correct. Ensure that the ixSQLConnect::driverConnect() member function is supported by the ODBC driver by calling ixSQLConnect::getFunctions(). Call ixSQLConnect::SQLError() for ODBC error information.

1.2354-50974

Correct all other processing errors. Try a different ODBC driver. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.2355-50975

Correct all other processing errors. Try a different ODBC driver. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.2356-50976

Ensure that the filters passed to the ixSQLConnect::columns() are correct. Ensure that the ixSQLConnect::columns() member function is supported by the ODBC driver by calling ixSQLConnect::getFunctions(). Call ixSQLConnect::SQLError() for ODBC error information.

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1.2357-50977

Ensure that the ixSQLConnect::browseConnect() member function is supported by the ODBC driver by calling ixSQLConnect::getFunctions().Call ixSQLConnect::SQLError() for ODBC error information.

1.2358-50978

Correct all other processing errors. Try a different ODBC driver. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.2359-50979

Call ixSQLStmt::prepare() before ixSQLStmt::getResultSchema().

1.2360-50980

The position number passed to ixSQLStmt::setParam() is not valid, or the ixRow passed to ixSQLStmt::setParams() is NULL.

1.2361-50981

Call ixSQLStmt::prepare() before ixSQLStmt::setParam().

1.2362-50982

The ixRow passed into ixSQLStmt::fetchInto() may be NULL or the length of the ixRow is not the same as the result schema or the data types of the ixValues in the ixRow do not match the result schema. Call ixSQLStmt::allocateRow() and pass the ixRow returned to ixSQLStmt::fetchInto ().

1.2363-50983

Call ixSQLStmt::prepare() before ixSQLStmt::fetchInto().

1.2364-50984

Check the data base schema and ensure that all of the results selected map to a NewEra ixValue data type. If a data type does not map, remove it from the SELECT clause.

1.2365-50985

Correct all other processing errors. Try a different ODBC driver. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

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1.2366-50986

Correct all other processing errors. Try a different ODBC driver. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.2367-50987

For each "?" in the SQL string, call ixSQLStmt::setParam() after the statement has been prepared.

1.2368-50988

The option parameter passed to ixSQLStmt::free() was not a valid option.

1.2369-50989

The maximum cursor name length is 18 characters.

1.2370-50990

The value of "name" passed to ixSQLStmt::setCursorName() is NULL.

1.2371-50991

The parameter number is either less than zero or greater than the number of "?" place holders.

1.2372-50992

Call ixSQLStmt::prepare() or ixSQLStmt::execDirect() before ixSQLStmt::numResultCols().

1.2373-50993

Call ixSQLStmt::prepare() or ixSQLStmt::execDirect() before ixSQLStmt::rowCount().

1.2374-50994

The ixSQLStmt returned from ixSQLConnect::columns() provides limited functionality for fetching the column information. To accomplish this, perform a NEW operation on an ixSQLStmt and use it.

1.2375-50995

Call ixSQLStmt::prepare() or ixSQLStmt::execDirect() before ixSQLStmt::describeCol().

1.2376-50997

Call ixSQLStmt::prepare() or ixSQLStmt::execDirect() before calling ixSQLStmt::describe().

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1.2377-50998

The ixSQLStmt returned from ixSQLConnect::tables() provides limited functionality for fetching the table information. To accomplish this, perform a NEW operation on an ixSQLStmt and use it.

1.2378-50999

The option passed to ixSQLConnect::transact() is not supported.

1.2379-51

An operating system error code with the meaning shown was unexpectedly returned to the database server. If you are attempting to use INFORMIX-STAR or INFORMIX-NET, contact your system administrator to find out what the networkproblem is . If not, please note all circumstances and contact the Informix Technical Support Department.

1.2380-510

This CREATE SYNONYM statement cannot be executed because the specified table is temporary. Review the spelling of the table name. If it is as you intended, you will have to redesign the application: either make the table permanent or do not use a synonym.

1.2381-51000

You can only have one project per directory. Each NewEra 3.0 project should be placed in a directory that does not contain another NewEra 3.0 project.

Also, the directory you place a new project in cannot be a subdirectory of another project, and it cannot contain the project of another directory.

For example, if proj1 is under c:\all projects\proj1, and you then you create proj2, you cannot place proj2 in the following directories:

c:\all projects\proj1—the same directory as another project, proj1
c:\all projects\proj1\proj2—the proj2 directory is subdirectory of proj1
c:\all projects—the proj2 directory contains proj1 directory

Some valid choices:

c:\all projects\proj2
d:\some directory\proj2

1.2382-51001

A component with the same name already exists. Each component in a NewEra 3.0 project must have a unique component name. If the component is a library, it is a good idea to also keep the name unique across projects, to avoid having a component using two different libraries with the same name.

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1.2383-51003

A project with the same name already exists. In each private workspace a NewEra 3.0 project must have a unique name. A project is uniquely identified by its name.

1.2384-51004

The filename entered does not follow the Windows 95 and NT rules for valid filenames. Please read the Windows 95 or NT user guide for more information regarding valid Windows filenames.

1.2385-51005

Use a name that has not already been used in this project. Each component in a NewEra 3.0 project must have a unique component name. To successfully copy a component from another project to your currently open project, you must give a unique name for the current project component. Enter the unique name for the component in the Name text box.

1.2386-51006

The directory name entered does not follow the Windows 95 and NT rules for valid directory names. Please read the Windows 95 or NT user guide for more information regarding valid Windows file and directory names.

1.2387-51008

Please enter a valid name for the directory. The directory you specified could not be created. Possible reasons for the failure might be that you specified a non-existent drive or invalid directory name, or that you have run out of disk space, or that there was an operating system failure.

1.2388-51009

Please try again, or try entering a different directory name. The directory you specified could not be accessed. Possible reasons for the failure might be that the directory is on a network drive that is not currently connected, or that the default directory was removed from outside the Application Builder (this is a known Windows 95 problem), or that there was an operating system failure.

1.2389-51011

To be able to create a new project, you must give it a name.

1.2390-51012

Verify that the name does not contain invalid characters or exceed the length limit, as specified in your Windows 95 or NT user guide, and then enter the component name again. A component name must be a valid filename.

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1.2391-51013

All project files must be located in a subdirectory of the project directory, or the project directory itself. You cannot add a file to a component or to the project if it is not contained within the project directory. You can include files that do not belong to your project, but you cannot add them to your component.

1.2392-51015

An error occurred in one of the dynamic libraries that the Application Builder is using to access the private workspace.

1.2393-51016

A project cannot be removed while it is open and accessed by a user and other processes. To detach any connections to the current project, it first has to be closed.

1.2394-51018

Either create the base directory or select a different directory for the project. Application Builder will create a project directory only if the base directory exists.

1.2395-51019

Only one user can have a file or project locked at one time. If the file or project does not show a " padlock" icon, you might have a version that is out of date. Try reloading the file or project to see an updated view of it, or open the File Versioning or Project Versioning dialog box and look in the shared workspace tree view to see the latest version information. Using the tree view lets you avoid having to download the latest version of the file or project unnecessarily.

1.2396-51020

Each component can only contain uniquely named files. Otherwise, the binaries generated from the same named source files would overwrite each other.

1.2397-51021

You can only include a library for re-use in a component once. You will receive link-time errors or warnings if you try to link in more than one copy of the same library.

1.2398-51022

The project is already open, and it cannot be opened a second time.

1.2399-51023

To continue downloading the rest of the files, click Yes. To terminate the copy operation, click No. The file could not be fetched from the shared workspace, and the file is not present on the disk. The loading might have failed because of network errors or other archive errors.

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1.2400-51024

A file with the same name exists in the directory where you want to copy the files that belong to the copied component.

1.2401-51025

The disk copy of the file failed. This might be due to not enough disk space, a drive not being accessible, a network failure, a read-only file with the same name already existing in that directory, no write permissions to that disk area, or an unknown disk system error.

1.2402-51026

Application Builder could not create the component because an error occurred in one of the dynamic libraries that Application Builder is using to access the private workspace.

1.2403-51027

Application Builder could not add the component to the project because an error occurred in one of the dynamic libraries that Application Builder is using to access the private workspace.

1.2404-51028

All components and files that belong to a project must be placed in a directory that is under the project directory or the project directory itself.

1.2405-51029

An internal error occurred while parsing the full filename of the file into the project directory and offset file path. Either the application has become unstable or there is a corruption in the private workspace. Close Application Builder and attempt the operation again.

1.2406-51032

Application Builder could not remove the file from the component because an error occurred in one of the dynamic libraries that Application Builder is using to access the private workspace.

1.2407-51033

The version information stored in the archive system is not correct. Application Builder cannot continue the operation, as it depends on the version information to be consistent.

Some possible causes for the corruption:

The version control system was changed after the archive had been created.

Someone modified archive files without using RSAT or Application Builder.

There was a disk crash or other disk corruption on the disk system storing the archive.

The network connection is unreliable.

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1.2408-51034

Either remove the file from the distribution headers list, or add the file in the sources list. The list of exported header files contains headers that you have removed from the source files list.

A header can be exported only if it is part of the component. So if you need the header, add it again to the list of sources. If it is not needed, remove it from the list of distributed headers.

1.2409-51035

Application Builder failed to check out or load the project or file because an error occurred in one of the dynamic libraries that Application Builder is using to access the private workspace.

1.2410-51036

Possible reasons for the failure might be that you specified a non-existent drive or invalid directory name, or that you have run out of disk space, or that there was an operating system failure.

1.2411-51037

Possible reasons for the failure might be that you specified a non-existent drive or invalid directory name, or that you have run out of disk space, or that there was an operating system failure.

1.2412-51038

Verify that the file you specified is valid and that it is in a writable directory. PVCS failed to create a report file. Possible reasons for the failure might be an invalid directory name or filename, a read-only file system, or an internal PVCS failure.

1.2413-51039

Exiting Application Builder requires certain entries in the registry to be able to access private and shared workspaces. These entries are created by both the NewEra 3.0 installation program and RSAT. It is recommended that you use RSAT to access the registry entries rather than try to modify them yourself. Entries that Application Builder requires: private workspace name, archive system type, and shared workspace name and location.

1.2414-51040

An internal error prevents Application Builder from setting the directory property of the project in the private workspace. A project cannot be created without all its properties being correctly set.

This error occurred in one of the dynamic libraries that Application Builder is using to access the private workspace.

1.2415-51043

All files and components of a project must reside in directories that are under the project directory.

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1.2416-51045

This is an internal private workspace error. Possible causes: corrupted repository database, unstable computer condition, unstable network connection if the private workspace resides on another machine. Try closing and starting the Application builder again, or reboot the computer and attempt the operation again.

1.2417-51046

The failure occurred in one of the dynamic libraries that Application Builder is using to access the private and shared workspaces.

1.2418-51047

To snapshot a project, all its files must be checked in, so that file versions saved with the project will not be modified.

1.2419-51051

An invalid character was used for a UNIX directory name.

1.2420-51052

The directory where the program is located could not be accessed. Possible reasons for the failure might be that the directory is on a network drive that is not currently connected, or that the default directory was removed from outside Application Builder (this is a known Windows 95 problem), or there was a disk system failure.

1.2421-51053

The program could not be found because it has not been built, or because the build did not complete successfully, or because the executable was removed. Rebuild the program to run it.

1.2422-51056

Try rebuilding the program or closing and restarting Application Builder. This is most likely an operating system error.

1.2423-51057

You can only remove a project if none of its files is locked. If an attempt to release a lock fails, the project will not be removed. The failure occurred in one of the dynamic libraries that Application Builder is using to access the private and shared workspaces.

1.2424-51058

Disk errors occurred while removing the project files. There might be source files still left on your hard disk after the project removal is complete. This is not a serious problem.

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1.2425-51060

You can only link a dynamic link library (DLL) to p-code. If you link a static library, you will receive runtime errors. Change the library to a DLL (if possible) and link again if you need this library.

1.2426-51061

Your registry might be corrupted. Exit the application and re-install NewEra.

1.2427-51062

The registry might be corrupted, or it was edited incorrectly, or the installation program did not complete the installation of NewEra 3.0 successfully.

Reboot the computer and try again.

1.2428-51063

There was an internal error in one of the dynamic libraries that Application Builder is using to access the private workspace.

1.2429-51064

There is not enough free memory in the system to allocate a buffer for build results. Close applications that you do not need to free some memory.

1.2430-51065

Please ensure that each local drive that contains a project defined in your private workspace (the INFORMIX project included) has been made "shared." Application Builder requires conversion of pathnames to the same format to ensure that no two projects reside in the same directory or in directories contained by directories of other projects.

To convert a directory that is on a local drive to a UNC path, that drive or directory must be a shared directory. You can use the Windows Explorer to share the drive or the directory. You can also make it shared to only yourself if you do not want others to have access to it.

1.2431-51066

This internal error is probably due to private workspace corruption. If rebooting the machine does not eliminate the problem, you should re-create your private workspace.

1.2432-51067

You can only have one project per directory. Each NewEra 3.0 project should be placed in a directory tha1eypt does not contain another NewEra 3.0 project.

Also, the directory you place a new project in cannot be a subdirectory of another project, and it cannot contain the project of another directory.

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For example, if proj1 is under c:\all projects\proj1, and you then you create proj2, you cannot place proj2 in the following directories:

c:\all projects\proj1—the same directory as another project, proj1
c:\all projects\proj1\proj2—the proj2 directory is subdirectory of proj1
c:\all projects—the proj2 directory contains proj1 directory

Some valid choices:

c:\all projects\proj2
d:\some directory\proj2

1.2433-51068

A path you entered or a path retrieved from the private workspace does not exist. Make sure that if you were using any network drives, they are connected and mapped to the same drive name.

1.2434-51069

Possible cause of this error: Removal of the default directory and drive while the processes were running. This is a Windows 95 defect.

Close the application and open it again, to clean the internal Windows cache that stored the deleted directory as the default directory.

1.2435-51070

This internal error is probably due to private workspace corruption. If rebooting the machine does not eliminate the problem, you should re-create your private workspace.

1.2436-51072

To continue downloading the rest of the files, select Yes. To terminate the copy operation, select No. The file could not be fetched from the shared workspace, and the file is not present on the disk. The loading might have failed because of network errors or other archive errors.

1.2437-51073

The NewEra 3.0 executable launch.exe could not be located in any directory listed in your PATH environment variable. Make sure that the program exists in the INFORMIX\bin directory and that the directory is included in your PATH environment variable.

1.2438-51074

The VC++ executable nmake.exe could not be located in any directory listed in your PATH environment variable. Make sure that the program exists in the MSVC++\bin directory and that the directory is included in your PATH environment variable.

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1.2439-51075

The project that was open the last time you closed Application Builder cannot be found in the private workspace. Either the private workspace was modified outside of Application Builder, or you removed the project and Application Builder terminated abnormally after the removal, or the registry entries where Application Builder stores the state of the project were inadvertently modified. Click OK to continue. Application Builder will start without opening any project.

1.2440-51076

If you changed your monitor resolution between Application Builder sessions, the stored dimensions of your main Application Builder window might not be usable. If you did not change resolution, your registry might have been modified or corrupted. If you did not modify the registry, and you get other registry-related errors, Informix recommends that you reboot and re-install NewEra 3.0 to restore the registry entries.

1.2441-51077

A file cannot have the same name as a directory when the file and the directory have the same parent directory. Give your makefile a name that is not the name of another file or directory.

1.2442-51078

The file you specified or the file being copied is already present in this directory. If you do not need the existing file, overwrite it. Otherwise, either rename the file or specify a different directory to copy the files to.

1.2443-51079

Information required from the Informix project cannot be retrieved. Please make sure that you used RSAT to create your private workspace. If you did use RSAT and you have been using the private workspace for a while without problems, then reboot your machine to clear any corrupted DLLs that might be running. If that does not solve the problem, it is likely that your private workspace has been corrupted.

1.2444-51080

You have a new project in your private workspace that conflicts with a project name that has been checked in the shared workspace. Project names must be unique, so you must give your local project a different name.

1.2445-51083

This is an internal private workspace error. Possible causes: corrupted repository database, unstable computer condition, unstable network connection if the private workspace resides on another machine. Try closing and restarting the Application Builder, or reboot the computer and attempt the operation again.

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1.2446-51084

Make sure the file is not set to read-only. If it is not, then an unknown disk system error has occurred. Try closing Application Builder or reboot the machine.

1.2447-51085

This internal error is probably due to private workspace corruption. If rebooting the machine does not eliminate the problem, you should re-create your private workspace.

1.2448-51086

Application Builder requires certain entries in the registry to be able to access private and shared workspaces. These entries are created by both the NewEra 3.0 installation program and RSAT. It is recommended that you use RSAT to access the registry entries rather than try to modify them yourself.

Required entries in the Application Builder include the private space name, archive system type, and shared workspace name and location.

1.2449-51087

Application Builder requires certain entries in the registry to be able to access private and shared workspaces. These entries are created by both the NewEra 3.0 installation program and RSAT. It is recommended that you use RSAT to access the registry entries rather than try to modify them yourself.

Required entries in the Application Builder include the private space name, archive system type, and shared workspace name and location.

1.2450-51088

You attempted to add a binary file that is already part of the project as a source file. This is not allowed.

1.2451-51089

This might be due to network failure, disk problems, or repository malfunction.

1.2452-51090

An error occurred in one of the dynamic libraries that Application Builder is using to access the private or shared workspaces.

1.2453-51091

You cannot use the same label twice. Labels are used to tag different versions.

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1.2454-51092

An error occurred in one of the dynamic libraries that Application Builder is using to access the private or shared workspaces.

1.2455-51093

Two files with the same stem name, like foo.wif and foo.4gl, when compiled, will both generate foo.ec, foo.c, and foo.obj. The one compiled last will overwrite the generated file of the other. For that reason, you cannot use the same name for these files.

1.2456-51096

Only one user can have a file or project locked at one time. If the file or project does not show a " padlock" icon, you might have a version that is out of date. Try reloading the file or project to see an updated view of it, or open the File Versioning or Project Versioning dialog box and look in the shared workspace tree view to see the latest version information. Using the tree view lets you avoid having to download the latest version of the file or project unnecessarily.

1.2457-51097

An error occurred in one of the dynamic libraries that Application Builder is using to access the private workspace.

1.2458-51098

An error occurred in one of the dynamic libraries that Application Builder is using to access the private workspace.

1.2459-51099

An error occurred in one of the dynamic libraries that Application Builder is using to access the private workspace.

1.2460-511

You are not allowed to update, insert, or delete rows in this table. If you are absolutely sure that you must do so, you will have to sign on as user informix. That user account can modify most system catalog tables; however, this is a very risky practice that is not recommended unless specifically instructed by the Informix Technical Support Department.

1.2461-51100

Only one user can lock a project at a time. The project you want to check out is already checked out by another user. However, you can lock any files that belong to the project and that are not locked by another user.

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1.2462-51101

You can only link libraries built for the same operating system. You are attempting to link a 16-bit library to a 32-bit component, or vv.

1.2463-51102

A project that is locked by you cannot be found in your private workspace. Make sure you have connected to the correct pair of private and shared workspaces, or that if you rebuilt your private workspace, you provided cleanup information in the archive that was tied to the removed private workspace.

1.2464-51103

An error occurred in one of the dynamic libraries that Application Builder is using to access the private and shared workspaces.

1.2465-51105

You did not specify a shared workspace. If this is unintentional, use RSAT to create one.

1.2466-51108

Verify that what you specified here was a single pathname. If the full pathname exceeded the Windows 95 limit, you need to specify a relative pathname whose total number of characters is within the limit, or else reorganize your file system so that the length of the full pathname does not exceed the limit.

1.2467-51109

Verify that what you specified here was a single label. If the text of the label is too long, specify a shorter text.

1.2468-51110

Verify that what you specified here was a single option. If the number of characters in the option is too large, specify a shorter option.

1.2469-51111

Verify that what you specified was a single comment string. If the number of characters in the comment exceeds the limit, specify a shorter comment.

1.2470-51112

An error occurred in one of the dynamic libraries that Application Builder is using to access the private and shared workspaces.

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1.2471-51113

An error occurred in one of the dynamic libraries that Application Builder is using to access the private workspace.

1.2472-512

You do not have References privilege on the referenced columns. The owner of the referenced table, or a user who has References privilege with the grant option on that table, can grant you this privilege using the GRANT statement.

1.2473-51201

This means that registry values are not correct. Either installation did not complete successfully or you might have modified these values. If this problem occurs repeatedly, install the product again. If the error still occurs, you might need to contact Informix Technical Support.

1.2474-51202

Whenever you modify the definition of the component or try to generate the makefile, Application Builder tries to back up the currently existing makefile to **compname**.mkb and creates a new makefile with the name **compname**.mak. If an error is encountered while attempting to create a backup file, it could be due to any of the following reasons:

The disk might be full.
The backup makefile is opened by some other process.
The disk has become read-only.

1.2475-51203

An error occurred while opening a makefile to insert the make rules. This error could be due to any of the following reasons:

The disk might be full.
The backup makefile is opened by some other process.
The disk has become read-only.

1.2476-51206

This error should only happen if you specified an invalid include directory in the NewEra Options field of the Component Attributes dialog box. Otherwise, there might be a corruption in the repository, which needs to be verified.

1.2477-51208

No further information available.

1.2478-51209

No further information available.

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1.2479-51213

This is a warning. An error occurred while parsing the .4gl or .wif file for dependent include header files. This error will be caught by the compiler when you compile this file. Application Builder emits a warning and continues with the make/build process.

1.2480-51214

This is a repository error. Please click Help for more details from the repository/database level.

1.2481-51215

This error occurs if you try to build a makefile for a project in which there are no components.

1.2482-51216

Whenever you issue a build request, Application Builder changes its current working directory to the component working directory and invokes the build process from that directory. The error occurs when Application Builder is unable to change the current directory to the component working directory.

This error can happen due to following reasons:

The directory is on a mounted drive and the remote machine went down at the time of the build.

Directory read/search permissions are not set correctly on the referenced directory.

The current component directory does not exist. This situation should not happen unless you explicitly remove the directory outside Application Builder.

1.2483-51217

This is a repository error. Please click Help to see more details on this error.

1.2484-51219

Creation of new repository object failed. Click Help for more details.

1.2485-51222

You have a component that depends on libraries from other projects. Either .lib or .dll of the libraries do not exist in the shared workspace. You will probably need to check these binaries before others can reuse these libraries and build their components.

1.2486-51223

This error will be handled by Application Builder to take further action. The error can occur if you were trying to build a component that depends on other components from different projects, but the other projects do not exist in the private workspace. Application Builder will prompt you to download

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the required projects.

1.2487-51225

No further information is available.

1.2488-51226

Because component makefile names cannot be changed, you need to rename the project makefile using the Project Attributes dialog box.

1.2489-51227

This error probably occurred because you added a file to a component and then removed the same file from the disk, and you are now trying to build the component.

1.2490-51229

While trying to build a component, Application Builder detected a file to be downloaded from the shared workspace. An error has occurred while downloading that file. Please click Help to see more details from the repository/database level.

1.2491-51231

This error probably occurred because you tried to build a component from another project but the used component no longer exists in the external project.

1.2492-51232

This error probably occurred because you tried to build a component that is using a component from another project but the used component is no longer a library in the external project.

1.2493-513

This statement (or a clause within it) is supported by some database servers, but not by the database server you are currently using. The choice of database servers (when there is a choice) is determined by the setting of the SQLEXEC environment variable (for database server versions prior to Version 6.0). If this statement worked before but does not now, look for a change in SQLEXEC.

This message is replaced by error -554 starting with Version 4.1.

1.2494-514

This data definition statement specifies a table, view, index, or synonym that is owned by another user, or grants a privilege AS another user. Any of these things requires Database Administrator privilege, which you do not have in this database. If you intended to work on objects owned by you, review the punctuation of the statement; at some point in it you have qualified a name with the user-id of another account. Otherwise, get a DBA to grant you DBA privilege, or to do this operation for you.

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1.2495-515

You are trying to drop a constraint that has already been dropped in the same ALTER TABLE statement.

1.2496-516

This is an internal error that shows a problem in the communication between the database server and the library functions that call it. Make sure that your program is at the same software level as the database server in use. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.2497-517

All database servers have limits on the number of columns that can be included in an index, and on the total number of bytes in a key (the sum of the widths of the columns). This CREATE INDEX statement would exceed that limit for this database server. All database servers support at least 8 columns and a width of 126 bytes. OnLine allows 16 and 255, respectively.

1.2498-518

This is an internal error. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.2499-519

One of the values in this UPDATE statement is based on an expression that is in error. Check each expression in the SET clause for validity, looking in particular at uses of built-in functions such as LENGTH and DATE.

1.2500-52

An operating system error code with the meaning shown was unexpectedly returned to the database server. If you are attempting to use INFORMIX-STAR or INFORMIX-NET, contact your system administrator to report a network problem. If not, please note all circumstances and contact the Informix Technical Support Department.

1.2501-520

The OnLine database server cannot locate the disk partition in which it has stored a table that is referenced in this command. Contact the OnLine administrator to find out what the problem is. Possibly the "chunk" containing this tblspace has been taken off-line.

1.2502-521

It is not permitted to lock any of the tables that comprise the system catalog. They are needed by all users at all times. The database server handles concurrent access to them correctly, so you can simply remove this statement from your program.

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1.2503-522

You used a correlation name to qualify a column name in either a GROUP BY clause or a SET clause. Consider rewriting the statement in a stored procedure that you then use as the triggered action, passing the column value as an argument. In any case, you must rewrite the statement without a using a correlation name in the GROUP BY clause or the SET clause.

1.2504-523

This statement (RECOVER, REPAIR, or DROP) specifies a view. However, these statements are only supported for real tables, not views. In the case of DROP, if you drop any of the tables used in the view, the view will be removed as well. To recover or repair this table, you must recover or the tables on which the view is defined. For a way of listing the names of tables that are views, see the discussion of error -394.

1.2505-524

Since this database has a transaction log, a table may only be locked within a transaction. Review the program and ensure that a BEGIN WORK statement is issued to start a transaction before this statement.

1.2506-525

During an ALTER TABLE or SET statement, you have added or re-enabled a referential constraint that is violated by the data in the table. Check that the data in the referencing column (child key) exists in the referenced column (parent key).

1.2507-526

If this is a DECLARE statement, the clause FOR UPDATE is not allowed in conjunction with the SCROLL keyword. If this is an UPDATE statement in an ANSI-compliant database (in which the FOR UPDATE clause is not required when declaring a cursor for update): the cursor named in this statement was declared with the SCROLL keyword, and so may not be used for updates. The way a scroll cursor is implemented makes it unsafe for updating a table, since it will sometimes not reflect the current state of the selected rows. If you want to use a scroll cursor to examine rows and then update them, you may redesign your application in the following way (among many): Use the scroll cursor to select also the ROWID of each row. Declare a second, nonscrolling cursor that selects one row for update based on its ROWID. When it is time to update a selected row:

- Open the update cursor using the ROWID value found by the scrolling cursor.
- Fetch the row and check the error code (the row might have been deleted).
- If the fetch succeeded, verify that the row contents are unchanged from those selected by the scrolling cursor (the row is now locked so it cannot change further, but it might have changed between the two fetches).
- If the row is unchanged, update it using the nonscrolling cursor.
- Close the nonscrolling cursor.
- This procedure ensures that the update reflects the current state of the table while retaining the convenience of the scrolling cursor. A fetch by ROWID of a recently fetched row will usually entail no disk activity and so will not cost much time.

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1.2508-527

You tried to use the SET LOCK MODE TO WAIT statement on INFORMIX-SE, and your INFORMIX-SE database server uses CREATE LOCKING rather than System V locking. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

The SET LOCK MODE TO WAIT statement cannot be executed by the database server because the host operating system does not have adequate support for locking to permit waiting for a lock to be released. On this system, your program will be notified when a table or row is locked (with an error such as -233 or -378); it is up to your program what to do next, for example, rolling back the transaction and trying it over.

1.2509-528

The total number of bytes selected by this statement exceeds the maximum that can be passed between the database server and the program. Make sure that the columns selected are in fact the ones you intended; check for instance that you have not named some very wide character column by mistake, or omitted to specify a substring, or specified too long a substring. If the selection is what you require, you will have to rewrite this SELECT into two or more statements, each selecting only some of the fields. If it is a join of several tables, you might best select all desired data INTO TEMP; then select individual columns of the temporary table. If this is a FETCH via a cursor in a program, you might revise the program as follows. First, change the cursor to select only the ROWID of the desired row. Second, augment the FETCH statement with a series of SELECT statements, each selecting one or a few columns WHERE ROWID= the saved row-id.

1.2510-529

(This error message appears in versions prior to Version 6.0.) Your application program is unable to initialize its connection to the database server because you are using a shared-memory implementation and either: (1) the database shared memory has not been initialized, or (2) the maximum number of users has already started using the system. Check the accompanying ISAM error code for more information.

-529 Cannot attach to transaction.

(This error message appears beginning with Version 6.0.) Your application program is unable to initialize its connection to the database server because you are using a shared-memory implementation and either: (1) the database shared memory has not been initialized, or (2) the maximum number of users has already started using the system. Check the accompanying ISAM error code for more information.

1.251152diei

The program you are attempting to run has linked in libraries that cannot be found in the location specified by the link information. The most likely cause of this error is that the libraries you selected to link have been removed (or renamed) from the project in which they were defined. Modify your component to contain the correct libraries.

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1.251252dr.i

You can only have one project per directory. Each NewEra 3.0 project should be placed in a directory that does not contain another NewEra 3.0 project.

Also, the directory you place a new project in cannot be a subdirectory of another project, and it cannot contain the project of another directory.

For example, if proj1 is under c:\all projects\proj1, and you then you create proj2, you cannot place proj2 in the following directories:

c:\all projects\proj1—the same directory as another project, proj1
c:\all projects\proj1\proj2—the proj2 directory is subdirectory of proj1
c:\all projects—the proj2 directory contains proj1 directory

Some valid choices:

c:\all projects\proj2
d:\some directory\proj2

1.251352fnel

The application server process was terminated by an external cause, not by any NewEra runtime error.

1.251452gn_o

The command tried to use NewEra VCL/Character but it is not installed. Install the separately purchasable product before trying to use it.

1.251552gref

The specified file cannot be opened for some reason. Check permissions on the file and directory.

1.251652hmef

To find out the version number of your software, enter the command, but with -V as the only command-line option. If you want to run the program with or without any other command-line options, do not specify -V.

1.251752moem

Legal values are ixByte::locInFile and ixByte::locInResourceFile.

For an ixOleByte, the blob storage must be located either in a file or in a resource file. An attempt was made to locate the blob in memory or in a temporary file.

1.251852mq.f

An error has occurred in the member function addMapping because the name passed in argument serverDataType is not the name of a valid user-defined type (UDT) known to the INFORMIX-Universal Server. Please ensure that the name passed in the argument serverDataType is the name

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of a valid UDT defined in INFORMIX-Universal Server and that it is correctly spelled.

1.251952mq_g

An error occurred in the ixSQLStmt destructor when an attempt was made to free the statement handle. This is an internal error caused by a corrupt statement.

1.252052mqdk

The column requested is either negative or greater than the number of columns in the result set.

1.252152mrel

This message is produced by ixApp::copy() or ixApp::isEqualTo() because only one instance of ixApp can exist, and is created for you automatically.

1.2522-53

An operating system error code with the meaning shown was unexpectedly returned to the database server. If you are attempting to use INFORMIX-STAR or INFORMIX-NET, contact your system administrator to report a network problem. If not, please note all circumstances and contact the Informix Technical Support Department.

1.2523-530

The check constraint placed on the table column(s) has been violated. To see the check constraint associated with the column(s), you can query the syschecks system catalog table. However, you must know the constrid for the check constraint before querying sychecks. (The constrid is assigned in the sysconstraints system catalog table.) Use the following subquery to show the check constraint for constraint-name.

```
SELECT * FROM syschecks WHERE constrid =
    (SELECT constrid FROM sysconstraints WHERE constrname =
    constraint-name)
```

1.2524-53001

No further explanation is available.

1.2525-53002

No further explanation is available.

1.2526-53003

Global variables can be defined several times, but only one declaration can contain an initializing expression.

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1.2527-53004

This could leave the partially destroyed object in an inconsistent state. Examine all !destroy( ) methods for object assignments that might reference the self object.

1.2528-53005

See the "Installation and Configuration Guide" for details of how to use the SetUser utility of NewEra.

1.2529-531

This CREATE VIEW statement gives a list of column names, and at least one of them appears twice in the list. Review the list of column names and make sure each appears only once.

1.2530-532

The table shown is only a temporary one; it will vanish when this session ends. Such tables cannot be altered. To alter the shape of the table, simply drop it and re-create it.

1.2531-533

The size specified for a disk extent (either the EXTENT SIZE or the NEXT SIZE clause) must be at least four times the disk page size, as shown. It is generally best to set the EXTENT SIZE large enough to hold all of the rows as you initially estimate them, and the NEXT SIZE at an eighth or a quarter of that.

1.2532-534

This error is not returned by database servers at Version 4.0 and above. In earlier versions, it means the same as error -271 with an ISAM error code or -113. Roll back the current transaction and run it again when the table has been unlocked.

-534 Cannot open EXPLAIN output file.

The statement SET EXPLAIN ON has been executed and the database server is trying to open the file sqexplain.out in the current working directory. An operating system error of some kind prevents it. See the ISAM error code for more information. Look for operating system error messages that may give more detail. Likely problems include a lack of write permissions in the current directory and a full disk.This error message appears beginning with Version 4.1.

1.2533-535

This BEGIN WORK statement is redundant; a transaction is already in progress. If this is a program, review its logic to make sure it has not accidentally failed to end the previous transaction.

1.2534-53501

Verify that the environment variable INFORMIXFGLAPPS on the server specifies the fully-qualified name of the fglapps file, or that the fglapps file resides in the default location ($INFORMIXDIR/etc/newera). If the fglapps file is in place, verify that it has the correct file permission.

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1.2535-53502

Verify that the CommandLine entry inthe fglapps file points to a valid application server executable. If the executable is in place, verify that it has the correct file permission.

1.2536-53503

There was a problem obtaining enough resources to allocate shared memory. Check the shared memory resources of the system.

1.2537-53504

The executable that is specified in the CommandLine entry of the fglapps file is not a partitioned application server.

1.2538-53505

The client application has requested a service name that is not recognized by the server. Verify that the client application is specifying the correct server application name, and that the server configuration section is correctly specified in the fglapps file.

1.2539-53506

Verify that the configuration section for the specified application server in the fglapps file contains the CommandLine entry.

1.2540-53509

When the client application attempted to instantiate a request manager, the fglexec on the server host was unable to complete the processing of the fglapps file. Examine the configuration section for the specified application in the fglapps file for incorrect keywords or punctuation.

1.2541-53510

The data sent to the server has exceeded its allocated pool storage space. Try defining a larger value for the SMEMPoolKBytes entry of the fglapps file, or reducing the total size of the parameters in the call or post so as to avoid exceeding the size specified for the SMEMPoolKBytes entry.

1.2542-53511

The number of events sent to the server has exceeded its allocated queue storage space. Try defining a larger value for the SMEMQueueSize entry of the fglapps file, or reducing the number of events that are pending at any one time.

1.2543-53512

The network is down, or fglexecd has been terminated.

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1.2544-53513

There is a failure in the network. Look for operating system error messages that might give more information. Verify that your fglexecd command has the correct value in the -s option. Try restarting the application. If the problem recurs, contact your system administrator and ask for network diagnostics to be run.

1.2545-536

The number of referencing columns (child key) does not match the number of referenced columns (parent key) in the referential constraint. Check that there is a one-to-one relationship between referenced and referencing columns.

1.2546-53601

Check the handshake strings for the appliation client and the application server.

1.2547-53602

The requestor attempted to communicate with an unknown responder object. Verify that the correct responder object is being created.

1.2548-53604

The server executed the EXIT PROGRAM statement.

1.2549-53606

The requestor called an event that is not defined in the corresponding server class. Verify that the sequence of events defined in the requestor class corresponds by name and sequence with the initial events in the sequence defined in the responder class.

1.2550-537

The column specified in a constraint definition does not exist.

1.2551-53701

Check the connection string used in the ixASRequestMgr() constructor parameter list.

1.2552-53702

The application server created an instance of a requestor object, but provided a NULL request manager. Verify that the specified requestor object is associated with a valid request manager.

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1.2553-53703

The name specified for the service corresponds to the name of an available service, but it is not the ASCL service. Examine your informix.ini file for the SERVICE entry, and verify that the name specified is correct.

1.2554-53704

You cannot perform operations of a database entity until after a connection to that database has been made.

1.2555-538

The cursor named in this DECLARE statement has also been named in a DECLARE statement that was executed earlier. Possibly the same DECLARE is being executed in a loop; or possibly the program meant to execute a FREE statement for this cursor but did not. Review the program logic to make sure it only executes a single DECLARE for each cursor (unless after freeing one).

1.2556-539

The pathname in the DBTEMP environment variable exceeds the limit on pathnames, which is 80 characters. You will have to locate the temporary directory higher in the directory hierarchy. Since Version 5.01, the DBTEMP environment variable is used by the INFORMIX-SE database server but not by the INFORMIX-OnLine Dynamic Server.

1.2557-53922

NewEra cannot find the handler for this event that has been posted.

1.2558-54

An operating system error code with the meaning shown was unexpectedly returned to the database server. If you are attempting to use INFORMIX-STAR or INFORMIX-NET, contact your system administrator to report a network problem. If not, please note all circumstances and contact the Informix Technical Support Department.

1.2559-540

An error has occurred while defining a constraint. Possibly you have defined a constraint whose name duplicates the name of another constraint, table, or index. If this is the case, repeat the statement specifying a unique name. Otherwise, check the accompanying ISAM error code for more information.

1.2560-54002

The specified file cannot be opened for some reason. Check permissions on the file and directory.

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1.2561-54003

The specified file cannot be opened for some reason. Check permissions on the file and directory.

1.2562-54004

The specified file cannot be created for some reason. Check permissions on the directory. Make sure that disk space is available within the file system.

1.2563-54005

The specified file cannot be created for some reason. Check permissions on the directory. Make sure that disk space is available within the file system.

1.2564-54006

The specified file cannot be created for some reason. Check permissions on the directory. Make sure that disk space is available within the file system.

1.2565-54007

The specified file has an extension that is recognized but is not valid. This typically means a source file of some sort has been specified on the command line, or a C code system object file (library, ...) has been specified. FGLLIB and FGLLINK only deal in .4ga, .4gi and .4go files.

1.2566-54008

A library was specified using -lname but the code could not locate the library. If it exists, you need to specify the directory where it is with the -L option.

1.2567-54009

The file is corrupted and should not be used. The interpretable file was corrupted and could not be removed. This condition requires the directory to be read-only, and signals to arrive at inopportune moments. Try to reset the directory permissions and rerun the command, without sending any signals.

1.2568-54010

The file is corrupted and should not be used. The library was corrupted and could not be removed. This condition requires the directory to be read-only, and signals to arrive at inopportune moments. Try to reset the directory permissions and rerun the command, without sending any signals.

1.2569-54011

The specified symbol was referenced with one type and defined with a different type.

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1.2570-54012

The specified file was not a valid object file.

1.2571-54013

The specified file was not a valid library file.

1.2572-54014

The specified file was not a valid p-code file.

1.2573-54015

The program was not able to seek on the specified file. This could happen if the specified file was actually a FIFO—or something equally obscure.

1.2574-54016

The specified signal arrived and the program is exiting. Rerun the program.

1.2575-54017

FGLLIB requires one of the specified options on the command line. Rerun the program with one of these options specified. Note that specifying -l -r specifies a library lib-r.4ga.

1.2576-54018

The program tried to allocate memory but failed. Try releasing some system memory (perhaps by exiting some programs or by removing some files from /tmp).

1.2577-54019

Please report this to Informix Technical Support.

1.2578-54020

An error occurred while reading the file. The system error information (if any) might help diagnose the problem. Try rerunning the program. Try using cat filename > /dev/NULL on UNIX to see if the problem occurs outside the program. If it does, suspect a faulty disk.

1.2579-54021

An error occurred while reading the file. The system error information (if any) might help diagnose the problem. Try rerunning the program. A possible cause of problems is lack of disk space, or it might be a faulty disk of some sort.

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1.2580-54022

FGLLIB and FGLLINK sometimes require object files to be specified on the command line, but in this case none was specified. Either change the options to the command, or add the missing object filenames. Also check the spelling of shell or make variables.

1.2581-54023

FGLLINK accepts the -o and -i options, but only one of them can be specified (once) for a given run. Rerun the program after changing the command line.

1.2582-54024

FGLLINK accepts the -o and -i options, but only one of them can be specified (once) for a given run. Rerun the program after changing the command line.

1.2583-54025

The p-code file seemed to be valid but contained unexpected data. The file is therefore corrupt. Recompile it.

1.2584-54026

Two different files contain two different p-code versions, and the versions are known to be incompatible. Recompile one or the other of the files.

1.2585-54027

The p-code version detected in the file was not one of the ones recognized by FGLLIB and FGLLINK. Either you need to upgrade FGLLIB and FGLLINK, or you have some file that looks like a p-code file but actually is not one.

1.2586-54028

The program searched for the specified file but could not find it.

1.2587-54029

The program searched for the specified file but could not find it.

1.2588-54030

The program searched for the specified file but could not find it.

1.2589-54031

This is almost an internal error, but the system declined to allow the program to do something to a file that it should have been able to do. Most probably, some other program removed the file or

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changed the permissions on it while this program was working on it. You will probably not be able to repeat this problem.

1.2590-54032

When the program tried to close the named file, it got an error. If the file was being written, then most probably you have run out of disk space (the system error information, if any, might help). If it was a file being read, then it is not clear what the trouble is.

1.2591-54033

The specified file, which should have been a library file, actually is not such a file. Change the command line to specify a valid filename.

1.2592-54034

The specified file, which should have been an object file, actually is not such a file. Change the command line to specify a valid filename.

1.2593-54035

The specified file, which should have been an interpretable file, actually is not such a file. Change the command line to specify a valid filename.

1.2594-54036

FGLLINK accepts the -o and -i options, but only one of them can be specified for a given run. Rerun the program after changing the command line.

1.2595-54037

As well as the p-code version information, there is a library structure version field in the libraries. The library structure version found in this library is not recognized. The library needs to be rebuilt using the librarian from this machine.

1.2596-54038

A file specified on the command line should have been in the library but was not. Check the contents of the library (-t option) and change the command appropriately.

1.2597-54039

A named file exists but could not be accessed. Either the directory or the file permissions are too restrictive.

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1.2598-54040

A specific file was named twice on the command line. This is never valid. Rerun the command after omitting one occurrence of the name.

1.2599-54041

The specified library cannot be modified.

1.2600-54043

To work with the debugger, the module names linked into the program must all be unique.

Somewhere in scanning the object files and libraries, the same object file name (excluding path information) needs to be read twice. This is going to confuse the debugger, and might lead to confusion if an error is reported in this module.

1.2601-54044

The program tried to do the specified operation on a temporary file but failed. There might be a permissions problem of some sort, or an unusual umask value (000).

1.2602-54045

The program tried to do the specified operation on a temporary file but failed. There might be a permissions problem of some sort, or an unusual umask value (000).

1.2603-54046

The program tried to do the specified operation on a temporary file but failed. There might be a permissions problem of some sort, or an unusual umask value (000).

1.2604-54047

The program tried to do the specified operation on a temporary file but failed. There might be a permissions problem of some sort, or an unusual umask value (000).

1.2605-54048

A second object has been defined with the specified name. This will not work. Find out where the object has been defined twice and remove one of the definitions.

1.2606-54049

Two libraries were specified but FGLLIB can only work on one in any given run. Revise the command line.

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1.2607-54050

FGLLINK requires at least one object file or library file on the command line.

1.2608-54051

One piece of code calls the named function as a function; another piece of code treats it as a report. One of them, at least, is wrong.

1.2609-54052

An I/O error occurred, possibly because you ran out of disk space. The system error information, if any, might help. Try rerunning the program if all else fails.

1.2610-54053

The named file is not writable by this user. Change the permissions, either on the file or on the directory containing the file.

1.2611-54054

You have tried to specify -o (or -i) twice on the FGLLINK command line, and this is not allowed. Change the command line and rerun the command.

1.2612-54055

You have tried to specify -o (or -i) twice on the FGLLINK command line, and this is not allowed. Change the command line and rerun the command.

1.2613-54056

The specified file is not readable by this user. Change the permissions, either on the file or on the directory containing the file.

1.2614-54057

The specified file is not readable by this user. Change the permissions, either on the file or on the directory containing the file.

1.2615-54058

For some reason, the program was expecting to read more of the file than exists on disk. The named file is corrupt and should be re-created.

1.2616-54096

The specified option is not a valid option for the command. Change the command line and rerun the command.

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1.2617-54097

The specified option is not a valid option for the command, but the option character is not a printable character. Change the command line and rerun the command.

1.2618-54098

The specified option requires an argument but no argument was given. Add the necessary argument to the command line and rerun the command.

1.2619-54099

The specified option uses a nonprintable character and requires an argument, but no argument was given. Add the necessary argument to the command line and rerun the command. This message should not be seen, as all option letters are printable.

1.2620-541

You must have the correct privilege before you can alter the name of a table or the names, types, or number of columns in it. You must be the owner of the table, or have Database Administrator privilege in the database, or you must be granted ALTER privilege for the table by its owner or a DBA. See the discussion of error -313 for a way to list the owners of tables and users with DBA privilege.

1.2621-54100

No further information is available.

1.2622-54101

Provide a positive value for this property. Make sure the object is entered in the system registry.

1.2623-54102

An error occurred while Window Painter was initializing OLE DLLs, possibly because incorrect versions of the OLE system DLLs are installed.

1.2624-54103

This error might be caused by unsuccessful memory allocation or the object might not be entered in the system registry.

1.2625-54104

An error occurred while Window Painter was cutting an object to the clipboard, possibly because of unsuccessful memory allocation.

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1.2626-54105

An error occurred while Window Painter was copying an object to the clipboard, possibly because of unsuccessful memory allocation.

1.2627-54106

An error occurred while Window Painter was pasting an object to the clipboard, possibly because the OLE compound file was not successfully created.

1.2628-54107

Window Painter failed to be registered with the Dynamic Data Exchange Management Library (DDEML). This error could be caused by incorrect usage of DDE, unsuccessful validation of a parameter by DDEML, or any internal error within DDEML.

1.2629-54108

The file is not a valid WIF file. Make sure it has correct version information and there is no spelling error in it.

1.2630-54109

Would you like to refresh this ROF instead?

You have already imported the ROF file you are attempting to import. You can reread the same ROF file if needed by selecting Refresh ROD from the File menu.

1.2631-54110

If you proceed, the ROF file on disk will be overwritten. Click Yes if you want to overwrite you changes; otherwise, click No.

1.2632-54111

The ROF object name will be replaced by a unique name. Any handlers that used the old name will need to be updated.

ROF OldName = filename1

NewName = filename2

There is another object that has the same name as the ROF object. This is not allowed in Window Painter. The ROF object name will be replaced by a unique name. You will need to update any handlers that used the old name.

1.2633-54112

You have imported a ROF file in the current window that contains more than one object. You have selected one of the objects and clicked Delete or Cut or selected Delete or Cut from the Edit menu. If

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you want to continue the action, the objects will be unlinked from the ROF.

1.2634-54113

You have imported a ROF file in the current window that contains only one object or you have unlinked all the other objects except the current one. If you unlink this object from the ROF, the ROF file will be unlinked and when you refresh the ROF file, it will not be available.

1.2635-54114

Window Painter could not open the bitmap file. Either it does not exist or it does not have read permissions.

1.2636-54115

Window Painter could not read the bitmap file. It might be corrupted or it might not be in the proper format.

1.2637-54116

Window Painter was unable to load the bitmap as saved in the previous WIF file but was able to load the bitmap when it searched in the current WIF directory. If the picture appearing is incorrect, you should reassign the values to the picture button properties.

1.2638-54117

You have created master-detail SuperTables in different WIF files and have saved them in the current directory. Now you are trying to save one of these WIF files with a different name in the same directory. This is not allowed because this will break the consistency of the master-detail relationship.

1.2639-54119

An error in detail SuperTable operation occurred. For a detailed message, check the message in the message box.

1.2640-54120

While adding or removing the detail SuperTable to or from the master SuperTable, Window Painter could not open the database. Error -54119 is the title for this message box, and this error (-54120) forms the explanation of the error.

1.2641-54121

You have unlinked the master-detail SuperTables. Window Painter generates default handlers for a master SuperTable. Window Painter retains the handlers because it does not know if they have been edited. So, you will have to remove them if necessary. There could be errors at runtime if the handlers refer to any object that does not exist.

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1.2642-54122

You have selected this SuperTable to be the detail of the master SuperTable. But Window Painter determines the relation by checking the updateTable property, and you have not set the updateTable property for this SuperTable. Set it and try again.

1.2643-54123

The master SuperTable must have primary key SuperFields. The updateTable property has to be set for the SuperTable that has primary keys. You have selected this SuperTable to be the master of the detail SuperTables. But Window Painter determines the relation by checking the updateTable property, and you have not set updateTable property for this SuperTable. Set it and try again

1.2644-54124

Those SuperTables have to be defined as detail tables in relationships from SuperView Editor.

1.2645-54125

The command format is: ixwpconv [-n] [-s] filename

1.2646-54126

The command format is: ixwpconv [-n] [-s] filename

1.2647-54127

The Format Converter is only used to convert WIF files, not ROF files, to NewEra files.

1.2648-54128

The operating system has run out of memory. You need to either reboot the machine or increase machine memory.

1.2649-54129

The linked SuperTables have to be deleted together. Deleting one of a group of linked SuperTables is not allowed.

1.2650-54130

The linked SuperTables have to be exported together in ROF files. Exporting one of a group of linked SuperTables is not allowed.

1.2651-54131

The matched object for this line has been deleted in the WIF file and you cannot access it in Window Painter.

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1.2652-54132

The matched handler for this line has been deleted in the WIF file and you cannot access it in the corresponding handler in Language Editor.

1.2653-54133

The line number is beyond the end of generated NewEra code. So there are no matched objects in the WIF file.

1.2654-54134

This error occurs when another NewEra component in the IDE requests a jump to a line in a file type that does not support such actions. This error occurs when the file associated with an object is not a WIF file, such as, for example, a ROF file or a WIX file.

1.2655-54135

This warning will occur when you try to jump to a line in the WIF file based on line number information generated prior to changes you have applied. You must do a build in Application Builder for this warning to go away.

1.2656-54136

This error occurs when you try to do a paste operation without a corresponding cut/copy operation.

1.2657-54137

This error occurs when Window Painter is unable to correctly restore the contents of a WIF file, when that file is opened. This is normally the case when the file is corrupt. Try restoring from a backup, if available.

1.2658-54138

This error occurs when Window Painter is unable to correctly restore the contents of a WIF file, when that file is opened. This is normally the case when the file is corrupt. Try restoring from a backup, if available.

1.2659-54139

This error occurs when Window Painter is unable to correctly restore the value of an object property from a WIF or a ROF file, when that file is opened. This is normally the case when the file is corrupt. Try restoring from a backup, if available.

1.2660-54140

This error occurs when Window Painter is unable to recognize an object property from a WIF or a ROF file, when that file is opened. This is normally the case when the file is corrupt. Try restoring from

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a backup, if available.

1.2661-54141

This error occurs when the Window Painter is unable to generate an instance of a class, when it is reading from a WIF or a ROF file. This is normally the case when the file is corrupt. Try restoring from a backup, if available.

1.2662-54142

Window Painter creates a temporary file on disk for handlers. This error occurs when that operation fails. Find out whether there is enough space on the hard disk that has the directory pointed to by the TEMP environment variable.

1.2663-54143

Window Painter creates a temporary file on disk for handlers. This error occurs when a read operation fails on that file. Find out whether there is enough space on the hard disk that has the directory pointed to by the TEMP environment variable and if the file is visible and has read permissions set.

1.2664-54144

Window Painter creates a temporary file on disk for handlers. This error occurs when it cannot delete this temporary file. Find out whether there is enough space on the hard disk that has the directory pointed to by the TEMP environment variable, and make sure the file is visible and has read permissions set. Also find out whether any other application (such as an editor) has opened the same file.

1.2665-54145

This error occurs when the Name property of an object has the same name as that of another object in the WIF file.

1.2666-54146

You have attempted to paste a SuperField into an object that is not a valid container for a SuperField. A SuperField can only be contained in a SuperTable. Make sure the target object you are pasting the SuperField to is an ixSuperTable.

1.2667-54149

You are attempting to delete a primary key column from a SuperTable. Deleting a primary key might result in breaking a master-detail relationship if one is present or preventing the SuperTable from getting updated properly at runtime. Make sure that you want to take this action.

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1.2668-54150

There is no primary key column in the SuperTable. The update table is the table from which the data that fills the SuperFields is obtained. The UpdateTable property is only valid if you have the primary key of the associated update table available as a SuperField in the SuperTable.

1.2669-54151

The value you have entered for the Name property is not valid. The name property value must not be empty.

1.2670-54154

You have created a SuperTable with no SuperFields/columns. This might result in compilation or runtime errors in the program.

1.2671-54155

The data source could not be opened. Make sure the appropriate drivers have been properly installed or that the data source name has been entered correctly.

1.2672-54157

The ixSuperField can only be copied/dropped to an ixSuperTable created from the same SuperView.

1.2673-54158

The source of the ixSuperField being copied/dropped must be from the same SuperView if the target location is an ixSuperTable created from a SuperView or the source must be from a table if the target location is an ixSuperTable created from a table.

1.2674-54160

The current WIF file includes ROF objects. But its linked ROF files are not located in the same directory with the WIF file. So a refresh cannot be performed.

1.2675-54161

In order to export a grid SuperTable to a ROF file, the SuperTable, not the internal grid, must be selected.

1.2676-54162

You cannot export SuperFields alone without exporting their containing SuperTable.

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1.2677-54169

The mnemonic object name must represent a valid current object in Window Painter.

1.2678-54170

You have tried to move master and/or detail SuperTables that are linked. Move is not allowed to a new window for such a case.

1.2679-54171

You have tried to paste master and/or detail SuperTables that are linked. Paste is not allowed for such a case. Drag and drop is also not allowed.

1.2680-54172

You have tried to copy master and/or detail SuperTables that are linked. Copy is not allowed for such a case.

1.2681-54173

Maximum grid size is 100 rows. You have exceeded this limit.

1.2682-54174

You cannot assign an accelerator to top-level menu item.

1.2683-54175

You are changing the menu title to a separator. This is incorrect. A top-level menu item should not be a separator.

1.2684-54176

The file you are trying to open or import is not a valid ROF file. The syntax of the file is improper. Check the location, syntax, name of the ROF file.

1.2685-54177

This menu was a second-level menu and now you want to make it a top-level menu. Top-level menus must have the menuState property set to notAcheck. Window Painter will set the menuState for you with this message box.

1.2686-54178

You have pasted master and detail SuperTables separately and are now trying to link them. While the updateTable properties match, the master SuperTable does not contain the primary key column through which the tables are linked in the SuperView. To correct the problem, paste the primary key

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for the table in the SuperTable and make the link again.

1.2687-542

You name the same column more than once in the triggering column list of an update trigger. Remove the duplicate occurrence of the column name and try again. This error also will appear if there are duplicate column names in the index list.

1.2688-543

In the WHERE clause, there is a subclause ESCAPE "char" that contains more than one character as the char. Review the punctuation of the clause and revise it so that it specifies just one character.

1.2689-544

The statement contains a call on an aggregate function within the parameter list for another aggregate function, for example SUM(MAX(column)). This is not supported, since all aggregates are calculated over the same groups of rows. If you did not intend an expression of this sort, look for missing or misplaced parentheses. If you did intend it, you will have to rethink the query; for example, you might select the MAX values into a temporary table and then take their SUM.

1.2690-545

Check the accompanying ISAM error code for more information. With this database server, a database is a directory with the name dbname.dbs, while tables and indexes are files within that directory. You need to have read and write access to all these files in order to exercise normal database functions.

1.2691-54500

There is a name conflict between the specified (or default) filename and an existing file. NewEra will replace the contents of the existing file with the new output, and create a new file with the same filename, but with extension .bak, to save the contents of the original file. (If you wish to avoid this situation in the future, you should specify filenames that are unique within their directories.)

1.2692-54501

The specified file cannot be read, opened, or created for some reason. Check permissions on the directory. Make sure that disk space is available within the file system.

1.2693-54502

Use "esql20" or "odbc20" if converting from NewEra 2.x to NewEra 3.0. Use "esql30" or "odbc30" if converting from NewEra 3.0 to NewEra 2.x. The -m symbols must be followed by exactly one of the following specifications, depending on what you are trying to do.

esql20	Convert source to CCL/INFORMIX 3.0
esql30	Convert source to CCL/INFORMIX 2.0

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odbc20	Convert source to CCL/ODBC 3.0
odbc30	Convert source to CCL/ODBC 2.0

1.2694-54503

The specified file cannot be created for some reason. Check the permissions of the directory and the backup file. Also, verify that no file with the same name already exists in the current directory.

1.2695-54505

You have used the wrong command-line syntax for CCLMIG. Refer to Appendix E of Development Tools Reference for the correct syntax.

1.2696-54506

The cclmig utility did not convert the whole line or a part of the line because of language restrictions. Check the line number and examine the code.

1.2697-54507

The cclmig utility did not convert the whole line because the code in the line needs to be examined carefully before a modification is made.

1.2698-54508

The program was killed because it was unable to handle the required processing. The input filename should be checked for any discrepancies. Revise the source code so that no single line exceeds 1024 characters.

1.2699-54509

This is the BNF notation for the syntax of the CCLMIG utility. You have made a syntax error when you tried to invoke this utility. See Appendix E of "Development Tools Reference" for an equivalent syntax diagram and usage notes about CCLMIG.

1.2700-54510

The -o option of the CCLMIG utility specifies the name of a file that CCLMIG will create. The note on page E-2 of "Development Tools Reference" that says that an existing file will be overwritten is incorrect. You must provide a file specification that does not match any existing file.

1.2701-546

This statement either prepares or executes a CREATE VIEW statement in which the SELECT statement refers to host variables. This is not supported. The SELECT statement in a view may be executed from any program and may not rely on one program's variables. Review the CREATE VIEW statement and make sure it does not contain the names of any host variables, an INTO clause, or a "?" placeholder.

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This error message is not used by database servers after Version 5.01.

1.2702-54621

The command tried to use NewEra VCL/Character but it is not available on this machine.

1.2703-54622

The command tried to use NewEra VCL/Character with termcap but this is not supported on this machine.

1.2704-54623

The specified option requires an argument but was not given one.

1.2705-54624

A shared library name was specified but the suffix is not correct for this system.

1.2706-54625

The specified option is not supported on this machine.

1.2707-54626

The extension of the executable file is not valid. Typically, you have accidentally specified an object file instead of the .4ge file.

1.2708-54627

The two specified options are mutually exclusive but you tried to specify both. Change the command line and rerun the command.

1.2709-54628

The specified file was not found. Check the command line to see whether it was specified correctly, or check that the file does in fact exist.

1.2710-54629

The specified option is not recognized.

1.2711-547

Before executing the ROLLFORWARD statement, make the current directory be the directory that contains the dbname.dbs directory for the database. Then execute the statement again.

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1.2712-54701

A mismatch occurred between the invoke IDs of the server and client partitions. This ID is monotonically increasing sequence number of events, exchanged by client and server partitions and maintained by ASCL, and the mismatch indicates an internal error. Please report this to Informix Technical Support.

1.2713-54702

The server partition received an event whose corresponding responder is nonexistent because the responder index represented by the event is invalid. This is indicates an internal error. Please report this to Informix Technical Support.

1.2714-54703

This error indicates an ASCL protocol error. Most probably the client partition attempted to send an unsupported data type. Please check the NewEra source code of the client partition for an invalid data type.

1.2715-54704

The Request Manager constructor received NULL in place of a "connectString" argument. This is invalid, because the client partition does not know how to connect to the server partition. Please check the class definition of the Request Manager for correct arguments.

1.2716-54705

The server partition received an invalid connection request. Please check the "connectString" argument passed to the Request Manager constructor in the client partition for its validity.

1.2717-54706

Received blob data was found corrupted by the server or client partition. This indicates an internal error. Please report this to Informix Technical Support.

1.2718-548

You cannot create a constraint or a trigger on a temporary (TEMP) table. Consider creating the temporary table as a permanent table in the database. If this is a feasible option, create the table and then create the trigger on it.

1.2719-549

The column shown appears in the list of columns for a UNIQUE clause, but it is not one of the columns defined in this table. Check the spelling of all column names in this statement. If they are as you intend, then check the definition of the table. See the discussion of error -328 for a way to list all column names in a table.

This error message is not used by database servers after Version 5.01.

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1.2720-55

An operating system error code with the meaning shown was unexpectedly returned to the database server. Look for other operating-system error messages that might give more information.

1.2721-550

The total size of all the columns listed in a UNIQUE, PRIMARY KEY, or FOREIGN KEY clause is limited. The limit depends on the database server in use, but all servers support a total of 120 bytes. The limit is the same as the restriction on the total size of all columns in a composite index. For additional information, refer to the CREATE TABLE statement in the Informix Guide to SQL: Syntax.

1.2722-551

The total number of columns listed in a UNIQUE, PRIMARY KEY or FOREIGN KEY clause is limited. The limit depends on the database server in use, but all servers support eight columns. The limit is the same as the restriction on the number of columns in a composite index. For additional information, refer to the CREATE TABLE statement in the Informix Guide to SQL: Syntax.

1.2723-552

This EXECUTE command executes a prepared list of multiple statements. One or more of the host variables supplied for the "?" placeholders in the list is a locator structure for a TEXT or BYTE value. This is not allowed. Statements that refer to TEXT or BYTE variables may be prepared and executed, but they must be single statements, not part of a multi-statement list.

1.2724-553

An executable program, `mkdbsdir`, is used to create the initial contents of the database directory during a CREATE DATABASE statement. It is distributed with the database server and should be found in the `bin` subdirectory of the directory named by the INFORMIXDIR environment variable, but it was not. Check the setting of INFORMIXDIR and then consult with the person who installed the software.

1.2725-554

This statement or some clause in it is not supported by the database server you are using. The database server in use is chosen when a program starts based on the SQLEXEC environment variable (for database server versions prior to 6.0). There are several small differences in statement syntax between Informix database servers. For example, the CREATE TABLE statement with OnLine supports the clause IN dbspace (no quote characters used) while other database servers support the clause IN 'pathname' (single quotes required).

1.2726-555

The statement text presented with this PREPARE has multiple statements divided by semicolons, and one of the statements is a SELECT, a DATABASE, a CREATE DATABASE, or a CLOSE DATABASE. These statements must always be prepared as one-statement texts. Check the statement text string and make sure that you intended multiple statements; if you did, then revise the program so as to execute these four statement types alone.

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1.2727-55500

This is the BNF notation for the syntax of the fglgo runner. You have made a syntax error when you tried to invoke this command. See Chapter 7 of "Development Tools Reference" for an equivalent syntax diagram and usage notes about fglgo (except that this diagram reverses the order of the "-u sharedlib" and "-anyerr" options).

1.2728-55502

If you want to run a NewEra program, you must specify its name.

1.2729-55503

You have specified a command-line option that is not supported. Consult Development Tools Reference for the valid options.

1.2730-55504

You have specified a command-line option that requires an additional argument. Consult Development Tools Reference for the syntax.

1.2731-556

This statement attempts to create, drop, or alter an object in an external database, one other than the current database. You can only read the contents of an external database. If you make the database your current database, you can modify the contents. Review all uses of names beginning dbname, which refer to objects in the external database dbname.

1.2732-557

One of the tables named in this query was in fact a synonym, and it pointed outside the current database. What it named proved to be another synonym which pointed outside its database, and so on for count synonyms without a real table being found. The database server has given up on the query for fear there is an endless chain of synonyms. You can review the synonyms in the current database that refer to external databases by querying systables and syssyntable as follows.

```
SELECT        T.tabname synonym, servername, dbname, user, S.tabname
FROM        systables T, syssyntable S
WHERE        T.tabtype = 'S'
AND        T.tabid = S.tabid
AND        S.btabid IS NULL
```

To follow a chain of synonyms through external databases, use a similar query in the external database, substituting for servername, dbname, and tabname the values returned by the preceding query each time.

```
SELECT        T.tabname synonym, servername, dbname, user, S.tabname
FROM        dbname@servername:systables T,
        dbname@servername:syssyntable S
WHERE        T.tabtype = 'S'
AND        T.tabname = 'tabname'
AND        T.tabid = S.tabid
```

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When this returns no row, the requested tabname is not defined as a synonym in that database (it is a table or view or not defined).

1.2733-558

This command requires the presence of an executable program named changrp which is normally installed as part of the database server. It should be in the bin subdirectory of the directory named by the INFORMIXDIR environment variable. Check the value in that variable and then consult with the person who installed the software.

1.2734-559

This CREATE SYNONYM command names another synonym. Making a chain of synonyms is not supported. See the discussion of error -218 for a way to list the names of all synonyms. If you want to have a second synonym with the same meaning as the first, find out the meaning of the other synonym and then make a new synonym to refer to the same base table. To see the base table for a given synonym, query systables and syssyntable as follows, substituting the name of the synonym.

```
SELECT T.tabname synonym, S.* FROM systables T,
    syssyntable S
WHERE T.tabname = name
AND T.tabid = S.tabid
```

If in the resulting display btabid is defined, the synonym refers to a table in that current database with that tabid; otherwise, it refers to an external database.

1.2735-56

An operating system error code with the meaning shown was unexpectedly returned to the database server. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.2736-560

Either the systables or syssyntable system catalog, or an index on one of these, has been corrupted. Run the bcheck or secheck utility. Be prepared to drop and re-create all synonyms.

1.2737-561

This statement applies an aggregate function such as SUM to a column that has the type DATETIME. The function is not defined on this data type since arithmetic is not. Review the use of aggregate functions. You will have to revise the query.

1.2738-562

You are running a new version of the database server and you have just opened a database for the first time with this level of the software. The database server has tried to upgrade the database automatically, probably by defining an additional system catalog table. An unexpected error has occurred. Check the accompanying ISAM error code for more information. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

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This error messages is not used by database servers after Version 5.01.

1.2739-563

You are running a new version of the database server, and you have just opened a database for the first time with this level of the software. The database server has tried to upgrade the database automatically, probably by defining an additional system catalog table. However it needs to lock the database for exclusive use to do this conversion, and some other user has the database open. Wait a short time and try this statement again; at that time the database may be free (or another user's action may have updated it).

1.2740-564

This is an internal error reflecting an unexpected condition while performing a sort. Check the accompanying ISAM error code for more information. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.2741-565

This is an internal error reflecting an unexpected condition while performing a sort. Check the accompanying ISAM error code for more information. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.2742-566

This is an internal error reflecting an unexpected condition while performing a sort. Check the accompanying ISAM error code for more information. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.2743-567

This is an internal error reflecting an unexpected condition while performing a sort. Check the accompanying ISAM error code for more information. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.2744-568

This statement refers to a database other than the current database. However, the current database uses transaction logging and the external one does not. This is not supported; the databases used in a single transaction must all use logging or all not use it.

1.2745-569

This statement refers to a database other than the current database. However, the current database does not use transaction logging and the external one does. This is not supported; the databases used in a single transaction must all use logging or all not use it.

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1.2746-57

An operating system error code with the meaning shown was unexpectedly returned to the database server. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.2747-570

This statement refers to a database other than the current database. However, the current database is not ANSI-compliant and the external one is. This is not supported; the databases used in a single transaction must all be ANSI-compliant or all must not be.

1.2748-571

This statement refers to a database other than the current database. However, the current database is ANSI-compliant and the external one is not. This is not supported; the databases used in a single transaction must all be ANSI-compliant or all must not be.

1.2749-572

The maximum time that you may specify as the WAIT time in SET LOCK MODE is 32767 seconds. Review this statement and make sure it specifies the duration in seconds that you intended. If so, either use a shorter duration or (since 32767 seconds is more than 9 hours) simply omit the duration to specify an indefinite wait.

1.2750-573

This statement tries to apply BUFFERED LOG mode but the database is ANSI-compliant; that is, it was created with the clause MODE ANSI. One aspect of ANSI compliance is that all transactions are logged immediately during the execution of the COMMIT WORK statement. The use of a buffered log entails a deferred write of log records, improving performance at some slight risk of failing to log a transaction. Such a risk is not allowed under the standard; an ANSI-compliant database must use unbuffered logging.

1.2751-574

This statement contains a subquery (a SELECT statement within parentheses) used as a single value, for example, on one side of a relational operator such as equals. Such a subquery must return exactly one row and one column; otherwise there is doubt as to which of the returned values is wanted. This subquery has returned more than one value. Review all subqueries and make sure that they can return at most one column (by listing only one expression after SELECT) and at most one row (by testing a unique key in the WHERE clause).

1.2752-575

This statement contains a use of LENGTH that is applied to a column or an expression that is not of character type (not CHAR or VARCHAR). This is not supported. Review the uses of LENGTH and make sure they apply only to character values.

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1.2753-576

You cannot specify a constraint (either UNIQUE, PRIMARY KEY, or CHECK) name for constraints placed on temporary tables. This is not supported for a temporary table. However, you can specify that a column receives one of these constraints, and you may specify a list of columns as having a constraint, but you may not use the CONSTRAINT constraint-name clause. This is because temporary tables and their indexes are not recorded in the usual system catalog tables.

1.2754-577

You have placed a constraint (either UNIQUE, PRIMARY KEY, FOREIGN KEY, or CHECK) on a set of columns, but a constraint of the same type on those columns already exists. In the case of a FOREIGN KEY, this error only occurs if the same foreign key set of columns references the same existing parent key set of columns. Either the constraint was established when the table was created, or it has been added since. Since the constraint already exists, it is not added again.

1.2755-578

This statement contains an owner name qualifying the name of a table, view, index or synonym, and the owner name is longer than the maximum of 8 characters, for example overly_long.tablename. Review the punctuation and spelling of all identifiers; possibly a space or comma was omitted causing two names to run together. You can check the names of all known owners by selecting the owner column of the relevant system catalog: systables, sysindexes, or syssynonyms.

1.2756-579

The synonym specified in this DROP SYNONYM statement is not owned by you. To drop an object you do not own, you must have Database Administrator privilege.

1.2757-58

An operating system error code with the meaning shown was unexpectedly returned to the database server. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.2758-580

This REVOKE statement cannot be carried out, either because it revokes a database-level privilege but you are not a Database Administrator in this database, or because it revokes a table-level privilege that was not granted by your account name. Review the privilege and the user names in the statement to make sure they are correct. You can summarize the table-level privileges you have granted by querying systabauth as follows.

```
SELECT        A.grantee, T.tabname FROM systabauth A, systables T
WHERE        A.grantor = USER AND        A.tabid = T.tabid
```

1.2759-581

This SET EXPLAIN statement could not be completed because the database server was unable to find the file of message templates it uses when preparing explanatory output. Consult with the person who

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installed the Informix software.

1.2760-582

This ROLLFORWARD statement could not be executed because this database does not have a transaction log. The rollforward operation uses the transaction log as its input. Since no transactions have been logged, the database cannot be rolled forward.

1.2761-583

This statement queries a view which is based on tables in external databases (databases other than the current database). However, in one or more of those external databases, your account does not have the necessary table-level privilege on a table used by the view; or possibly your CONNECT privilege for an external database has been revoked. For a way to display the definition of a view, see the discussion of error -385. In the view definition look for table names qualified with database names and possibly sitenames.

1.2762-584

This RENAME TABLE statement cannot be carried out because it would rename one of the tables that make up the system catalog. The names of these tables may not be changed; they are used by the database server itself.

1.2763-585

This RENAME COLUMN statement cannot be carried out because it would rename a column of one of the tables that make up the system catalog. The database server relies on these column names for internal queries and they may not be changed.

1.2764-586

This database is operating in ANSI compliance (it was created or started MODE ANSI). By the rules of ANSI SQL, a cursor must always be closed before it can be reopened. Review the logic of the program. Possibly it was originally written to take advantage of one of the Informix extensions to SQL: that if a cursor is reopened it is automatically closed and opened. In the current database that is not allowed.

1.2765-587

This message is not used in software at Version 4.0 and above. In previous versions, check the accompanying ISAM error code for more information.

1.2766-588

This is an internal error detected by database servers starting with Version 4.1. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

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1.2767-589

This database server supports only "single-site update"; that is, the operations within one transaction may modify data at only one site in the network. Some preceding statement within this transaction has already modified data at one site; the current statement would modify data at a second site. The statement is not executed. Roll back the current transaction. Examine the application in the light of this restriction. Check the names of all tables that are affected by UPDATE, INSERT, and DELETE statements to make sure they are all in the same database, or in databases held by the same database server. (Be sure to check the definition of any synonyms, since synonyms can make tables in external databases appear to be in the current database.)

This error message is not used by database servers after Version 5.01.

1.2768-59

An operating system error code with the meaning shown was unexpectedly returned to the database server. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.2769-590

This is an internal error. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.2770-591

The specified default value is of the wrong type for a column or a stored procedure variable. The default value for a column is specified with the DEFAULT clause in a CREATE TABLE statement. The default value for a variable in a stored procedure is specified with the DEFAULT clause in a DEFINE statement in the procedure.

1.2771-592

This CREATE or ALTER TABLE statement specifies that a column may not contain nulls (the NOT NULL clause), but it also has a DEFAULT clause giving the default value for new rows as NULL. This contradiction is not allowed.

1.2772-593

This CREATE or ALTER TABLE statement specifies that a column has a data type of SERIAL, but it also has a DEFAULT clause for the column. Values for a SERIAL column are generated by the database server each time a row is created, so the DEFAULT clause is meaningless.

1.2773-594

This CREATE or ALTER TABLE statement specifies that a column has a data type of BYTE or TEXT. It also has a DEFAULT clause for that column specifying something other than NULL. You can only designate the default value NULL for columns of type TEXT or BYTE.

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1.2774-595

An aggregate function was used outside an SQL statement inside a stored procedure expression or it was used inside a check constraint.

Example of error:

```
LET var = MAX(another_var) + 10; -- error
```

A stored procedure expression, or the expression in a check constraint, can refer to only a single value, so the use of an aggregate function is meaningless.

1.2775-596

The stored procedure EXIT and CONTINUE statements must be placed within a FOREACH, WHILE, or FOR loop.

1.2776-597

This is an internal error. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.2777-598

Inside a stored procedure, a nonexistent cursor name was specified in an UPDATE/DELETE. . .WHERE CURRENT OF statement.

```
FOREACH cur1 FOR SELECT col INTO var FROM tab
    UPDATE tab SET col = proc(var)
    WHERE CURRENT OF bad_cur_name; -- error
END FOREACH
```

1.2778-599

Syntax specific to the INFORMIX-OnLine Dynamic Server and to the INFORMIX-SE database server has been mixed in the same statement. Use the appropriate syntax for the database server you are using.

1.2779-6

An operating system error code with the meaning shown was unexpectedly returned to the database server. You might have made an error when you configured the database software or in the REPORT TO clause of a report. Look for other operating-system error messages that might give more information.

1.2780-60

An operating system error code with the meaning shown was unexpectedly returned to the database server. If you are attempting to use INFORMIX-STAR or INFORMIX-NET, contact your system administrator to report a network problem. If not, please note all circumstances and contact the Informix Technical Support Department.

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1.2781-600

This statement creates a new BYTE or TEXT value, and some unexpected error prevented the creation of that value. Roll back the current transaction. Check the accompanying ISAM error code for more information; possibly the blobspace or tblspace has filled up, or you are not referring to a valid blobspace. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.2782-6000

Before a program can access data, it must select a database and then a table using the dbselect() function. Review the program logic to see why these calls were not made.

1.2783-6001

Either the table or the database specified to this function does not exist. Possibly the name is incorrect or the wrong database has been selected, or the database has been altered.

1.2784-6002

The program has called dbselect() twice in succession passing the DBOPEN flag. The program must close a database by calling dbselect() with the DBCLOSE flag before opening another database.

1.2785-6004

The program has called a function that requires a database to be open, but none is. The program must call dbselect() before calling this function.

1.2786-6005

At least one of the column names passed to this function does not exist in the table whose name was passed. Review the name of the table and the names of the columns. If they are correct, either the wrong database has been selected or the database has been altered.

1.2787-6006

The table whose name was passed to this function has not been opened. The program must open the table first by calling dbselect().

1.2788-6007

The column name passed to this function does not exist in the table. Review the spelling of the name. If it is correct, either the wrong database is selected or the table has been altered.

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1.2789-6008

The table to be used by dbselfield() must first be opened by a call to dbselect. Review the program logic to make sure this is done.

1.2790-6009

This indication is returned by either dbselfield() or dbfind() when they are called for an empty table. It does not reflect an error in the program but a condition of the table.

1.2791-601

This statement replaces or deletes a BYTE or TEXT value, and some unexpected error prevented the deletion of the old value. Roll back the current transaction. Check the accompanying ISAM error code for more information; possibly there has been a hardware error or data corruption of the blobspace or tblspace. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.2792-6010

This call to dbfind() for a keyed search returned no data. The value requested was not found in the selected index column.

1.2793-6011

This call to dbfind() for the NEXT row produced no data. The end of the table has been reached.

1.2794-6012

This call to dbfind() for the PRIOR row produced no data. The beginning of the table has been reached.

1.2795-6014

The flag parameter to this function was not one of the defined values. When calling functions that take predefined flag values, you should employ the names defined in the dbio.h include file; and you must pass only the flags defined for the particular function.

1.2796-6015

The tablename specified to this function must first be opened using dbselect(). Review the program logic to make sure this is done.

1.2797-6016

Before calling dbfind(), the program must establish a view, that is, a specification of the columns to be returned and the buffer to receive them. This is done by calling dbsetview(). Review the program logic to see this is done.

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1.2798-6017

At least one of the column values presented to dbadd() is a duplicate of a value that exists in its column. However, that column is constrained to contain unique values. The row cannot be inserted.

1.2799-6018

The table to be used by dbadd() must first be opened by a call to dbselect. Review the program logic to make sure this is done.

1.2800-6019

Before calling dbadd(), the program must establish a view, that is, a specification of the columns to be returned and the buffer to receive them. This is done by calling dbsetview(). Review the program logic to see this is done.

1.2801-602

This statement refers to a BYTE or TEXT value, and some unexpected error prevented locating the value. Roll back the current transaction. Check the accompanying ISAM error code for more information; possibly there has been a hardware error or data corruption of the blobspace or tblspace. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.2802-6020

The dbdel() and dbupd() functions operate on the row last chosen using dbfind(). Review the program logic to see that dbfind() is called to establish a row. If the call was to dbfind() itself, it was passed a flag such as CURRENT which presumes that a row had been selected in a prior call, but none had been.

1.2803-6021

The table to be used by dbdel() must first be opened by a call to dbselect. Review the program logic to make sure this is done.

1.2804-6022

Probably the table is already locked by some other process. The program should wait a short time and attempt the lock again. If the condition persists, the program should roll its transaction back and retry the entire operation.

1.2805-6023

The table to be used by dblock() or dbunlock must first be opened by a call to dbselect. Review the program logic to make sure this is done.

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1.2806-6024

During certain operations memory is allocated to hold internal data structures. On this call, memory allocation failed. It may be possible to avoid this problem by opening fewer tables and/or creating dbview structures with fewer columns.

1.2807-6025

This call to dbselect() passed the name of a table that is already open. The table continues to be open. Review the program logic to see if it is making redundant calls to dbselect().

1.2808-6026

This call to dbselfield() names a column that does not have an index in the database, but the flag passed was ACCKEYED. Make sure the correct column was named and that the correct database and table have been opened. If that is the case, then the index has been dropped and should be re-created before running the program again.

1.2809-6027

This call to dbadd() or dbupdate() has attempted to insert a row that contains a null value for a column which is constrained to be not-null. This could be because the program placed a null in the record buffer using dbsetnull(); or it could be that the current view omits a column that is constrained to be not-null. The row is not inserted. Review the definition of the table and the program logic and change it so it defines values for all not-null columns before an add or update.

1.2810-6028

The table to be used by dbupdate() must first be opened by a call to dbselect. Review the program logic to make sure this is done.

1.2811-6029

Before calling dbupdate(), the program must establish a view, that is, a specification of the columns to be returned and the buffer to receive them. This is done by calling dbsetview(). Review the program logic to see this is done.

1.2812-603

This statement writes a BYTE or TEXT value, and some unexpected error prevented finishing the creation of the value. Roll back the current transaction. Check the accompanying ISAM error code for more information; possibly there has been a hardware error or data corruption of the blobspace or tblspace. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.2813-6030

At least one of the column values presented to dbupdate() is a duplicate of a value that exists in its column. However, that column is constrained to contain unique values. The row cannot be inserted.

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1.2814-6031

The user account running this program has not been granted SELECT privilege on the current table or on the particular columns being selected. Database privileges are set using the SQL statement GRANT. Have the necessary privilege granted by a user with DBA privileges for the database, then run the program again.

1.2815-6032

The user account running this program has not been granted INSERT privilege on the current table. Database privileges are set using the SQL statement GRANT. Have the necessary privilege granted by a user with DBA privileges for the database, then run the program again.

1.2816-6033

The user account running this program has not been granted UPDATE privilege on the current table. Database privileges are set using the SQL statement GRANT. Have the necessary privilege granted by a user with DBA privileges for the database, then run the program again.

1.2817-6034

The user account running this program has not been granted DELETE privilege on the current table. Database privileges are set using the SQL statement GRANT. Have the necessary privilege granted by a user with DBA privileges for the database, then run the program again.

1.2818-6035

The flag parameter passed to dbfind() implies a current row (for example, a flag of CURRENT or NEXT as opposed to one of FIRST); however, no current row has been established by a prior call. Review the program logic and make sure it establishes a current row before a call of this kind.

1.2819-6036

The newname parameter given to dbalias() already exists as a table in the database. Review the program logic and change it to use only unique aliases.

1.2820-6037

The newname parameter given to dbalias() has already been defined as an alias in a previous call. An alias may only be defined once in the run of a program. Review the program logic an change it to use aliases only once.

1.2821-6038

The oldname parameter presented to dbalias() has been defined as an alias in a previous call. The program may define multiple aliases for a table, but it may not define an alias for an alias. Review the program logic and change it so the oldname parameter is always the name of a real table in the database.

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1.2822-604

This statement refers to a BYTE or TEXT value, and some unexpected error prevented access to the value. Roll back the current transaction. Check the accompanying ISAM error code for more information; possibly there has been a hardware error or data corruption of the blobspace or tblspace. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.2823-6040

The oldname parameter presented to dbalias() cannot be found in the current database as a tablename. Check the value of the parameter; if it as intended, then perhaps the wrong database is current, or the intended table has been renamed.

1.2824-6041

The colnum parameter presented to dbnfield() is greater than the total number of columns in the table whose name was passed. If the program was iterating over the column numbers from 0 upward, this return code signals the end of the table. Otherwise check the number passed; if it was as intended, either the wrong database is current or the table has been altered.

1.2825-6042

The format string passed to dbprusing() is not acceptable. Verify the value passed and review the rules of the USING function as described in the reference material for the REPORT feature of INFORMIX-4GL.

1.2826-6043

The columname parameter passed to dbselfield() is not the name of a column in the specified table, nor is it the name of a composite index on that table. Review the tablename and columname parameters. If they are as intended, make sure the correct database has been selected. If so, the desired index may have been dropped or created under a different name.

1.2827-6044

This is an internal error. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.2828-6045

Before calling dbfind() the program must establish a retrieval method by calling dbselfield(). This is the case even if no index is to be used. Review the program logic to make sure this is done.

1.2829-605

This statement writes a BYTE or TEXT value, and some unexpected error prevented the creation of the value. Roll back the current transaction. Check the accompanying ISAM error code for more information; possibly there has been a hardware error or data corruption of the blobspace or

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tblspace. One possible cause is that the blobspace for this column is full. Another is that although a new chunk has been assigned to the blobspace, pages cannot be allocated in it until the addition of the chunk has been logged and the log file closed. The OnLine administrator can force a log file to be closed using the tbmode -l or onmode -l command. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.2830-6050

This error should not be returned. The most likely cause is that some internal data structure used by ALL has been overwritten in memory. Review the program logic. When you are certain that the program cannot have stored into ALL data, please note all circumstances and contact the Informix Technical Support Department.

1.2831-6052

When the program calls dbselfield() to set a composite index, all ascolumns of that index must be included in the current view established by calling dbsetfileview() or dbstructview(). Review the program logic, especially the calls to the latter two functions, to make sure this is done. If the view is set as you intended, possibly the composite index has been dropped and re-created using more or a different columns.

1.2832-6055

This is an internal error. If the error recurs, please note all ircumstances and contact the Informix Technical Support Department.

1.2833-6056

This is an internal error. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.2834-6057

This is an internal error. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.2835-606

If this statement refers to a blobspace (as for example the CREATE TABLE statement may create a column with type TEXT IN

blobspace-name) the name is invalid or does not exist. Review the identifiers intended as blobspace names; if they are spelled as you intended, consult with the OnLine administrator to find out whether they exist and are on-line. If the statement does not refer to a blobspace, this is an internal error. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

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1.2836-6062

Because the buffer it constructs does not use alignment, dbsetfileview() cannot build a buffer for columns that may have null values.

1.2837-6063

A parameter to this function call which is supposed to contain a pointer to memory in fact contains a C null pointer value (zero). Review the logic of the program to find out how this error occurred.

1.2838-6064

The program has called either dbcommit() or dbrollback() when a transaction is not in effect. Either dbbegin() had not been called to start a transaction, or the transaction had already been ended by a call to or dbcommit(), dbrollback() or dbselect(). Review the program logic to see why this error has been made.

1.2839-6065

This call to dbbegin(), dbcommit() or dbrollback() is inappropriate because the current database does not support transactions. The database can be converted to using transaction processing; see the reference material for your database server.

1.2840-6066

This is an internal error that should not occur. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.2841-6067

It is an error to call dbunlock() inside a transaction, that is, after calling dbbegin() and before calling dbcommit() or dbrollback(). When using transaction processing, all locks must remain in effect until the transaction is committed or rolled back. Ending the transaction releases all locks automatically.

1.2842-6068

A column has a data type that is not supported by this version of ALL; for example the BYTE data type. Review the requested column(s) against the actual table and use only the columns having numeric or CHAR data types.

1.2843-6069

When using a database that has transactions, all tables must be opened within the bounds of a transaction; that is, after a successful call to dbbegin(). Review the program logic to see that this is done. Possibly transaction-logging has been applied to the database since the last time the program was used.

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1.2844-607

This statement refers to a TEXT or BYTE value using substring notation: numbers in square brackets following the name. However, the substring is not correctly written. Review all uses of substrings and make sure that in each the first number is greater than zero and not greater than the length of the value; the second number is not less than the first; and the numbers are separated by a comma.

1.2845-6070

Before closing the database with dbselect() the program must end the current transaction. This can be done with a call to dbcommit() or dbrollback().

1.2846-608

This statement is written to imply a conversion from a TEXT or BYTE value to another data type, for example, by combining it with other types in an expression or by inserting it into a column of another type. This is not supported; TEXT and BYTE columns may only be selected, or be copied into other columns of the same type. Review the statement to make sure it names the columns you intended, and that they have the data types you thought.

1.2847-609

This statement uses a host variable that is a TEXT or BYTE locator structure, but combines it with data of some other type, for instance in an expression or by inserting it into a column of another type. This is not supported; host variables of these types may only be used for selecting from, creating, or inserting into columns of the same type.

1.2848-61

An operating system error code with the meaning shown was unexpectedly returned to the database server. If you are attempting to use INFORMIX-STAR or INFORMIX-NET, contact your system administrator to report a network problem. If not, please note all circumstances and contact the Informix Technical Support Department.

1.2849-610

This CREATE INDEX statement names a column of the TEXT or BYTE type; however these types are not supported for indexing. The reason is that there is no defined lexical ordering for these types, so the database server does not know how to sort or compare them; hence it cannot build an inverted index. Possibly you understand the data well enough to understand how to extract an ordered set of key values from it; if so, then do the extraction into a separate column in the same table and index that column.

1.2850-611

The cursor named in this statement is associated with a SELECT that returns one or more TEXT or BYTE columns; also the cursor is declared with the SCROLL keyword. This is not supported. The reason is that rows fetched through a scroll cursor are also stored in a temporary table. Because of the bulk of TEXT and BYTE values, this would produce an unacceptable cost in time and disk space. Revise the

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declaration of the cursor to select the desired columns of other types, and also the ROWID. After fetching a row through the scrolling cursor, use a separate, non-scrolling cursor to fetch the BYTE or TEXT value(s), WHERE ROWID=host-var.

1.2851-612

This SELECT statement selects one or more BYTE or TEXT values, and also specifies those columns in the GROUP BY clause. This is not supported. Since there is no defined lexical order to BYTE or TEXT values, the database server cannot order or compare them; hence it cannot group rows on their values. (This is true even of substrings selected from a BYTE or TEXT column.) Review your SELECT statement to make sure the correct columns are named in the GROUP BY clause.

1.2852-613

This statement specifies DISTINCT values, but it also selects a BYTE or TEXT value. The database server does not know how to compare or order these values; hence it cannot sort them; hence it cannot locate duplicate values. Thus the DISTINCT keyword may not be used when these data types are selected. Reword your SELECT statement to either remove the keyword or select only normal columns.

1.2853-614

This SELECT statement selects one or more BYTE or TEXT values, and also specifies those columns in the ORDER BY clause. This is not supported. Since there is no defined lexical order to BYTE or TEXT values, the database server cannot order them. (This is true even of substrings selected from a BYTE or TEXT column.) Review your SELECT statement to make sure the correct columns are named in the ORDER BY clause.

1.2854-615

This statement uses one of the aggregate expressions such as COUNT, SUM, MIN, MAX, or AVG, but applies it to a column that has a BYTE or TEXT data type. This is not supported. Review the use of functions and make sure they are applied only to simple columns.

1.2855-616

This UPDATE or INSERT statement specifies as a destination, a subscripted column of BYTE or TEXT type. Subscript notation is not allowed in this context; a BYTE or TEXT (or any other) value must be replaced in full. Revise the statement to assign into whole columns.

1.2856-617

This statement assigns a non-BLOB value to a BLOB (BYTE or TEXT) column, or assigns a BLOB column to a non-BLOB one. Neither is supported. BYTE and TEXT values must be assigned as whole units to columns of the same type. Review the statement to make sure it specifies the columns you intended.

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1.2857-618

This statement copies a BYTE or TEXT value from one row to another, and some unexpected error interfered with the operation. Roll back the current transaction. Check the accompanying ISAM error code for more information; possibly there has been a hardware error, or data corruption of the blobspace or tblspace, or a shortage of disk space, or an invalid blobspace named. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.2858-619

This statement transfers a BYTE or TEXT value between the database and the user program, and something has happened to prevent that. For example, it might not have been possible to allocate a buffer for a value located in memory. Check the accompanying ISAM error code for more information.

1.2859-62

An operating system error code with the meaning shown was unexpectedly returned to the database server.The database server does not normally use symbolic links. Look for other operating-system error messages that might give more information, particularly which file or files were being accessed.

1.2860-620

This is an internal error. It shows that the database server is unable to change an internal data structure (not a system catalog) stored in the root dbspace. Check the accompanying ISAM error code for more information. Possibly there has been corruption of the root dbspace. Have the OnLine administrator run the tbcheck or oncheck utility.

1.2861-621

This is an internal error showing that the database server is unable to convert a lock from shared to exclusive. Check the accompanying ISAM error code for more information. Possibly there is a hardware error or a problem with shared memory. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.2862-622

This is an internal error showing that the database server is trying to test a new or updated row for uniqueness under a UNIQUE or PRIMARY KEY constraint, and the index that implements the constraint cannot be found. Check the accompanying ISAM error code for more information. There may be corruption of the system catalog tables or the root dbspace, or a hardware problem. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.2863-623

The constraint specified in this statement cannot be found. Review the spelling of the name shown. If it is as you intended, check the names of existing named constraints by querying the sysconstraints table as shown in the following example. If the owner name shown for the desired constraint is not yours, you need to be a Database Administrator to reference it (and, if this database

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is ANSI-compliant, you need to qualify the name with its owner-name).

```
SELECT constrname, owner FROM informix.sysconstraints
```

1.2864-624

This is an internal error showing that the database server had an unexpected error while dropping a constraint or the index that implemented it. Check the accompanying ISAM error code for more information. There may be corruption of the system catalogs or the root dbspace, or a hardware problem. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.2865-625

The constraint name shown already exists. Review the spelling; if it is as you intended, you must select another name, or drop and redefine the existing constraint. See the discussion of error -623 for a way to list all constraints.

1.2866-626

This is an internal error message; it does not refer to a problem with a SERIAL column in a table you defined. The database server uses unique integer values for many purposes, for instance the table id number for a new or altered table. Some internal error has made it impossible to generate a new, unique number; for example, in host systems that use files for locking, something may have prevented the creation of a lock file. Check the accompanying ISAM error code for more information. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.2867-627

Since the coordinator cannot prepare this INFORMIX-STAR

two-phase commit transaction, all work associated with the transaction is eventually rolled back by all participants. No administrative intervention is required. See the ISAM error for more information about why the database server could not prepare to commit the local transaction.

1.2868-628

The coordinator OnLine database server cannot end this INFORMIX-STAR two-phase commit transaction and the transaction remains open. Eventually, INFORMIX-STAR automatic recovery mechanics will end the transaction. No administrative intervention is required. See the ISAM error for more information about why the database server could not end the transaction properly.

1.2869-629

The coordinator OnLine database server cannot end this INFORMIX-STAR two-phase commit transaction and the transaction remains open. Eventually, INFORMIX-STAR automatic recovery mechanics will end it. No administrative intervention is required. See the ISAM error for more information about why the database server could not end the transaction properly.

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1.2870-63

An operating system error code with the meaning shown was unexpectedly returned to the database server. There might be an error in the coding of a REPORT TO statement of a report. If not, please note all circumstances and contact the Informix Technical Support Department.

1.2871-630

The specified OnLine database server cannot prepare the local transaction associated with this INFORMIX-STAR two-phase commit transaction. Eventually, all work associated with the transaction will be rolled back by all participants. No administrative intervention is required. See the ISAM error for more information about why the database server could not prepare to commit the local transaction.

1.2872-631

You can only create optical clusters on columns of type TEXT or BYTE. The column name shown is of some other type. Make sure the column is the one you meant to specify, and review the definition of the table.

1.2873-632

An attempt to create an optical cluster has failed. See the ISAM error for more information.

1.2874-633

An attempt to drop an optical cluster has failed. See the ISAM error for more information.

1.2875-634

You are trying to drop a trigger that does not exist. Check that you are spelling the name of the trigger correctly. Also, you might query the systriggers system catalog table to review the names of triggers in the database.

1.2876-635

You are trying to drop a trigger that you do not own. You might query the systriggers system catalog table to see who owns the trigger. You probably need to ask the owner of the trigger or the DBA to drop the trigger.

1.2877-636

You have violated one of the following constraints on the cluster key specified in the ON clause of the CREATE OPTICAL CLUSTER statement:

- The number of columns included in a composite cluster key exceeds 16.
- The length of a CHARACTER column exceeds 256 bytes.

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1.2878-637

An attempt to alter the size of an optical cluster has failed. See the ISAM error for more information.

1.2879-638

You can only create an optical cluster on TEXT or BYTE columns stored on optical media. Be sure that you have not specified the name of a blob column stored in a dbspace or blobspace.

1.2880-64

An operating system error code with the meaning shown was unexpectedly returned to the database server. If you are attempting to use INFORMIX-STAR or INFORMIX-NET, contact your system administrator to report a network problem. If not, please note all circumstances and contact the Informix Technical Support Department.

1.2881-640

This is an internal error. Running UPDATE STATISTICS might fix this error. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.2882-641

The family name specified in the RESERVE or RELEASE statement must exist on optical media. Check to be sure that you have not specified a dbspace or blobspace with either of these statements.

1.2883-642

The optical family name specified in the RESERVE or RELEASE statement must be either a character string, or a host or procedural variable that evaluates to a character string. If you have specified a character string make sure that you have enclosed it in quotes.

1.2884-643

The volume argument in the RESERVE or RELEASE statements must be an INTEGER or SMALLINT.

1.2885-644

The argument to the FAMILY(), VOLUME(), or DESCR() function must be a TEXT or BYTE column stored on optical media. Check that you have not specified a column of a different data type, or a blob column stored in a dbspace or blobspace.

1.2886-645

An attempt to reserve an optical volume with the RESERVE statement has failed. See the error from the optical subsystem (an error in the 7000-7199 range) for more information.

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1.2887-646

An attempt to release a requested optical volume with the RELEASE statement has failed. See the error from the optical subsystem (an error in the 7000-7199 range) for more information.

1.2888-647

The data type of the argument is correct, but the value passed to the function is not appropriate for the math function. Check to make sure that you are passing a legitimate value to the function.

1.2889-648

An error occurred trying to open DEBUG trace file. This can happen when one of the directories in the specified debug file name does not exist, or the directory is write-protected. Make sure that the directory path is valid and that group informix is able to write to the directory.

1.2890-649

The argument specified for the debug file in the SET DEBUG statement must be a character type.

1.2891-65

An operating system error code with the meaning shown was unexpectedly returned to the database server. If you are attempting to use INFORMIX-STAR or INFORMIX-NET, contact your system administrator to report a problem with the network. If not, please note all circumstances and contact the Informix Technical Support Department.

1.2892-650

This statement specifies a VARCHAR(m, r) column with a maximum width m greater than allowed (255). Check the punctuation of the column definition. If it is as you intended, redesign the table to use a VARCHAR width ranging from 1 character to 255 characters.

1.2893-651

This statement specifies a VARCHAR(m, r) column with a reserved width r that is greater than the maximum width m. Check the punctuation of the column definition. If it is as you intended, revise the statement so that m ³ r.

1.2894-652

An attempt was made to define a local variable with a default value. Only global variables and parameters can have default values.

Example of error:

```
DEFINE var INT DEFAULT 10; -- error
```

Correction:

```
DEFINE var INT;
```

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```
LET var = 10;
```

1.2895-653

A global variable was defined as LIKE. LIKE variables must be local variables.

Example of error:

```
DEFINE GLOBAL var LIKE tab.col; -- error
```

Correction: Do not use the LIKE keyword with global variables. Rather, specify the data type explicitly.

1.2896-654

The procedure declaration was used either in the parameters or the RETURNING clause. Stored procedures cannot accept or return procedures.

Example of error:

```
CREATE PROCEDURE testproc (proc1 procedure) -- error
    RETURNING procedure; -- error
    ...
END PROCEDURE
```

Correction: Do not attempt to use the procedure declaration type within a parameter or the RETURNING clause.

1.2897-655

The number of values a procedure was declared to return in the RETURNING clause does not match the number of values in a RETURN clause.

Example of error:

```
CREATE PROCEDURE testproc ()
    RETURNING INT, INT;
    ...
    RETURN 1,2,3; -- error
    ...
    RETURN 1; -- error
END PROCEDURE
```

Correction: In this example, return exactly two arguments.

1.2898-656

When the procedure was declared, it did not contain a RETURNING clause indicating that the procedure would not return any value, but then a RETURN statement was found in the body of the procedure.

Example of error:

```
CREATE PROCEDURE testproc()
    DEFINE a INT;
    LET a = 10;
    RETURN a + 1; -- error
END PROCEDURE
```

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Correction: Add a RETURNING clause before the DEFINE or remove the RETURN statement.

1.2899-657

You cannot have a CREATE PROCEDURE statement within a CREATE PROCEDURE statement.

1.2900-658

A global variable was not given a default value. Global variables require a default value.

Example of error:

```
DEFINE GLOBAL glob INT; -- error
```

Correction:

```
DEFINE GLOBAL glob INT DEFAULT 10;
```

1.2901-659

A SELECT statement did not specify where to put the returned values. SELECT statements within a procedure require either an INTO TEMP clause or an INTO clause that references the appropriate procedural variables.

Example of error:

```
CREATE PROCEDURE testproc()
    ...
    SELECT col1, col2 FROM tab; -- error
END PROCEDURE
```

Correction:

```
CREATE PROCEDURE testproc()
    ...
    SELECT col1, col2 INTO var1, var2 FROM tab;
    SELECT col1, col2 FROM tab INTO TEMP another_table;
END PROCEDURE
```

1.2902-66

An operating system error code with the meaning shown was unexpectedly returned to the database server. Look for other operating-system error messages that might give more information, particularly what directory was being removed. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.2903-660

An attempt was made to modify the value of a loop variable in a FOR statement. Loop variables cannot be modified inside a loop.

Example of error:

```
FOR i IN (1,2,3,4)
    LET i = i + 1; -- error
```

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```
END FOR
```

Correction: Use another variable in the LET statement.

1.2904-661

The number of variables on the left side of a LET statement does not match the number of values on the right side.

Example of error:

```
LET a,b = 10,20,39;
LET i,j = proc1()+proc2();
LET a,b = (SELECT c1 FROM tab)
```

Correction: Match the number of expressions on both sides of the LET statement.

1.2905-662

A loop variable was used more than once in a FOREACH statement.

Example of error:

```
FOREACH SELECT col1, col2 INTO var, var FROM tab -- error
    ...
END FOREACH
```

Correction:

```
FOREACH SELECT col1, col2 INTO var1, var2 FROM tab
    ...
END FOREACH
```

1.2906-663

While calling a procedure, some of the arguments were named while others were not.

Example of error:

```
LET var = proc (arg1 = 10, 20, arg3 = 30); -- error
```

Correction:

```
LET var = proc (arg1 = 10, arg2 = 20, arg3 = 30); --correct
LET var = proc (10,20,30);--correct
```

1.2907-664

An incorrect number of arguments was specified to the function. Make sure that you are passing the correct number of arguments to the function.

1.2908-665

This is an internal error. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

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1.2909-66561

An unknown error has occurred in the repository.

1.2910-66562

An error has occurred while performing database operations. There is an associated database error number that can be looked up using the finderr application.

1.2911-66563

The repository accessed an invalid object. This error should never occur by itself. See the related errors to identify the problem.

1.2912-66564

An error occurred while performing an operation in the CM system. See the CM error for more information.

1.2913-66565

The project definition file is corrupted. The repository is unable to understand the project definition file format.

1.2914-66566

An error occurred while writing to the project definition file. Check for disk space and other file system related problems.

1.2915-66567

The connection to the private workspace has been lost. Relaunch the tool and try again. Make sure that database connectivity settings are correct.

1.2916-66570

You have two projects with the same name. The project in the private workspace is different from the one in the shared workspace. Remove the project from the private workspace if you want to load the one in the shared workspace, or modify the shared workspace settings if you want to see, in the shared workspace, the project that currently is in your private workspace.

1.2917-66571

The repository could not find the version information of the given object in the shared workspace. Check for access to the shared workspace and check to see if the shared workspace contains the archive files of the given project or file.

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1.2918-66572

This error normally occurs when checking in a project. Verify that you have enough disk space and check for other operating system related problems.

1.2919-66576

The version report could not be generated for the given file. Check to see if PVCS is functioning correctly and if the shared workspace and the specified archive are available and accessible.

1.2920-66577

The repository could not snapshot the project. Check whether there is a locked project or files. Make sure there is enough disk space on the following locations, in the same order:

1. The path specified by the TMP variable
2. If TMP is not set, the path specified by the TEMP variable
3. If TEMP is not set either, the current directory
4. The archive where the project is stored

1.2921-66578

The specified object could not be deleted from the shared workspace archive. Make sure the archive exists and is accessible, and check to see if any other process is using the archive.

1.2922-66581

The project definition file could not be opened, check for operating system problems.

1.2923-66582

An error occurred while attempting to read the project definition file. The project definition file is corrupted. Try reloading the project, or a previous version of it.

1.2924-66583

An error occurred while attempting to write the project definition file. Check for operating system problems.

1.2925-66584

An error occurred while attempting to offset a location in the project definition file. The project definition file is corrupted. Try reloading the project, or a previous version of the project.

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1.2926-66585

An unknown error occurred while trying to read or write to the project definition file. Check for operating system related problems.

1.2927-66586

An error occurred while parsing the project definition file. The project definition file is corrupted. Try reloading the project, or a previous version of it.

1.2928-66587

An unsupported feature of the CM system was accessed. Incorrect usage of the CM API.

1.2929-66588

An illegal argument was passed to the CM API.

1.2930-66589

The PVCS configuration file could not be updated. Check to see if the ifmxpvcs.cfg exists in the INFORMIXDIR\lib directory and for disk space and write permissions in INFORMIXDIR.

1.2931-66590

The CM system was unable to perform a write operation. Check for operating system errors.

1.2932-66591

An unknown error occurred in the CM system. Verify correct installation and operation of your CM system.

1.2933-66592

The archive directory specified is incorrect. Check for access and write permissions to your archive directories.

1.2934-66593

You do not have permissions to access the archive file. Check for CM and operating system permissions.

1.2935-66594

The specified DLL could not be loaded. Check to see if the DLL exists and its location is in your path.

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1.2936-66595

The DLL that was loaded does not contain the specified function. Verify that the appropriate DLL is the first in the path and is the version that is required.

1.2937-66596

The connection to the external CM system does not exist. Verify the CM installation.

1.2938-66597

The archive that was specified for the operation was not found. Verify that the directory is accessible.

1.2939-66598

The specified version of the object was not found in its archive.

1.2940-66599

The specified archive is locked by a user.

1.2941-666

In a FOR statement, loop variables that contain ranges must be declared to be INT or SMALLINT.

Example of error:

```
DEFINE var CHAR(10);
    FOR var IN (e1, e2 TO e3, e4) -- error
    ...
END FOR;
```

Correction: Since the FOR statement contains a range operator (the TO clause), "var" must be declared as INT or SMALLINT.

1.2942-66600

The specified archive is not locked by you.

1.2943-66601

The specified version of the archive is locked by a user.

1.2944-66602

The specified version of the archive is not locked by you.

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1.2945-66603

No further information is available.

1.2946-66604

Unable to set the archive path to the given location. Check configuration of and access permissions to archive directories.

1.2947-66605

The archive path for the given location cannot be removed. Check configuration of and access permissions to the archive directories.

1.2948-66606

The external CM system is unable to handle an archive path this long. Shorten your archive directory path.

1.2949-66607

The checked out version of the file specified cannot be found. Find out whether it exists and has the required access permissions.

1.2950-66608

The repository was unable to delete the file specified. Check for access permissions and operating system errors. Also check to see if the file is being used by any other process.

1.2951-66609

The repository was unable to delete the specified directory. Verify that the directory is empty or that none of the files in it is being used by other processes.

1.2952-66610

The repository could not create the directory specified. Check for access privileges and operating system errors.

1.2953-66611

An unknown error occurred in the CM system. Verify correct installation and operation of your CM system.

1.2954-66612

The default shared workspace does not have any archives associated with it. Modify the definition of this shared workspace and add a writable archive directory to it.

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1.2955-66613

The project specified is locked by another user.

1.2956-66614

The file specified is locked by another user.

1.2957-66615

The project specified has some of its files locked.

1.2958-66616

The repository could not delete the given database.

1.2959-66618

The repository could not add the specified use component to the given component. Check to see if the use component exists.

1.2960-66619

The project specified was not found in the private workspace.

1.2961-66620

The repository has a different type for a component of this name.

1.2962-66621

The specified component was not found in the private workspace.

1.2963-66622

The repository was unable to remove the specified object from the private workspace. Check for database errors.

1.2964-66623

The specified file could not be found in the private workspace.

1.2965-66624

The specified project already exists in the private workspace.

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1.2966-66625

The specified component already exists in the private workspace.

1.2967-66626

The specified file already exists in the private workspace.

1.2968-66627

The repository was unable to create the project specified. Check for database errors.

1.2969-66628

The repository was unable to create the component specified. Check for database errors.

1.2970-66629

The repository was unable to create the file specified. Check for database errors.

1.2971-66630

There was an error in downloading specified file.

1.2972-66631

The specified project was not found in the shared workspace. Check the shared workspace configuration, and check for CM mismatches and for access to the shared workspace directories. Also check for project name conflicts.

1.2973-66632

The specified component was not found in the shared workspace. Find out whether the component exists in the current version of the project. Also check the shared workspace configuration and check for CM mismatches and for access to the shared workspace directories.

1.2974-66633

The specified file was not found in the shared workspace. Find out whether the file exists in the current version of the project. Also check the shared workspace configuration and check for CM mismatches and for access to the shared workspace directories.

1.2975-66634

The specified project already exists in the shared workspace. Rename your project and try again.

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1.2976-66635

The specified component already exists in the shared workspace.

1.2977-66636

The specified file already exists in the shared workspace. Rename the file and try again.

1.2978-66637

The specified project could not be created in the shared workspace. Check the shared workspace configuration, disk space, and access permissions.

1.2979-66638

The specified component could not be created in the shared workspace. Check disk space and access permissions.

1.2980-66639

The specified file could not be created in the shared workspace. Check shared workspace configuration, disk space, and access permissions.

1.2981-66640

The repository could not check in the specified project. Check related errors. Also check shared workspace configuration, disk space, and access permissions.

1.2982-66641

The repository could not check in the specified file. Check related errors. Also check shared workspace configuration, disk space, and access permissions.

1.2983-66642

The repository was unable to check out the specified project. Check related errors. Also check for disk space and access permissions in the project root directory and the database directory.

1.2984-66643

The repository was unable to check out the specified file. Check related errors. Also check for disk space and access permissions in the project root directory and the database directory.

1.2985-66644

The repository was not able to uncheckout the specified project. Check related errors.

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1.2986-66645

The repository was unable to uncheckout the specified file. Check related errors.

1.2987-66646

The specified directory does not have write permissions for the user.

1.2988-66647

The repository was unable to create a lock file in the shared workspace. Check for disk space and access permissions in the shared workspace.

1.2989-66648

The new project specified was not registered with the shared workspace.

1.2990-66649

The project specified contains new files that are not generated and still are not archived. This situation is an inconsistency. Check to see if the database is corrupted.

1.2991-66650

Check for access permissions and shared workspace configuration.

1.2992-66651

The specified project is locked by the given user.

1.2993-66652

The specified file is locked by the given user.

1.2994-66653

The specified project is not locked by the current user.

1.2995-66655

The root directory of the project in the private workspace is inaccessible. Check if it exists.

1.2996-66656

The file specified is not archived using the CM system.

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1.2997-667

The specified variable was not declared. Check the spelling of the "undeclared" variable to make sure that is not causing the error.

1.2998-668

A system call failed in the operating system. The following example shows a statement that might cause an error.

```
SYSTEM 'hello';
```

1.2999-669

A variable has been declared twice in the same scope. See the Informix Guide to SQL: Tutorial, Chapter 12, for an explanation of the scope of procedural variables.

1.3000-67

Your application was unable to start a database server process, or was unable to create a process that was needed for some subordinate function such as a REPORT TO pipe or a network-access program. This error probably reflects a limit configured in your operating system. Look for other operating-system error messages that might give more information.

1.3001-670

SERIAL type is not a legal procedure type. Use the integer type to match the SQL SERIAL type.

1.3002-671

A procedure call named a parameter more than once.

Example of error:

```
LET var = proc (arg1 = 10, arg2 = 20, arg1 = 30);-- error
```

1.3003-672

This is an internal error. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.3004-673

An attempt was made to create a procedure that already exists in the database. If you want to create a new version of the procedure, drop the procedure using the DROP PROCEDURE statement before attempting to create the new version of the procedure.

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1.3005-674

A procedure was called that does not exist in the database. If you prepare an EXECUTE PROCEDURE statement and then the procedure is dropped by your application or another application before you execute the prepared statement, you receive this error.

1.3006-675

A restricted statement was executed in a procedure. This occurs when a procedure is called from an SQL data manipulation statement.

Example of error:

```
CREATE PROCEDURE testproc (arg INT, id INT)
    RETURNING INT;
    UPDATE tab SET col = arg WHERE key = id; -- error
    RETURN id;
END PROCEDURE;
SELECT col FROM tab WHERE testproc(tab.col, tab.key) = 10;
```

Correction: Do not use a restricted statement (like the preceding UPDATE).

1.3007-676

A check constraint that is specified at the column level can only reference that column. To specify a check constraint that spans more than one column, specify the check constraint at the table level. You cannot create a check constraint for columns across tables.

1.3008-677

A check constraint cannot have subqueries or procedure calls.

1.3009-678

A subscripted column in a check constraint has subscripts outside the bounds of the column. Check that the maximum length of the column is not exceeded by the bounds specified in the subscripted column. If you know the table name of the column, you can use the following subquery to query the system catalog tables to find out the maximum length of the column.

```
SELECT collength FROM syscolumns WHERE colname =
  'column-name'
     AND tabid =
     (SELECT tabid FROM systables WHERE tabname =
    'table-name')
```

1.3010-679

This is an internal error. See the ISAM error for more information. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

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1.3011-68

An operating system error code with the meaning shown was unexpectedly returned to the database server. This error probably reflects a limit configured in your operating system. Look for other operating-system error messages that might give more information.

1.3012-680

This is an internal error. See the ISAM error for more information. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.3013-681

The error occurs if the user specifies a column name more than once in the INSERT column list.

1.3014-682

The system was unable to validate the constraint. This is an internal error. See the ISAM error for more information. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.3015-683

The evaluated value of the STEP expression in the FOR statement will lead to an infinite loop.

Example of error:

```
FOR i = 10 TO 20 STEP -1; -- error
    ...
END FOR
```

Correction: Correct either the range or the step expressions so that the incremented values are within the range.

1.3016-684

The number of returned values from a procedure is more then the number of values the caller expects.

Example of error:

```
CREATE PROCEDURE testproc (arg INT)
    RETURNING INT, INT;
    RETURN 1,2;
END PROCEDURE
SELECT col FROM tab WHERE col = testproc(1); -- error
```

1.3017-685

The number of returned values from a procedure is less than the number of values the caller expects.

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Example of error:

```
CREATE PROCEDURE testproc (arg INT)
    RETURNING INT, INT;
    RETURN 1,2;
END PROCEDURE
UPDATE tab SET (c1, c2, c3) = (testproc(1)); -- error
```

1.3018-686

A procedure returned more than one row of values (for example, it executed RETURN... WITH RESUME) when the caller expected only one row of values.

Example of error:

```
CREATE PROCEDURE testproc (limit INT)
    RETURNING INT;
    DEFINE i INT;
    FOR i IN (1 TO limit)
        RETURN i WITH RESUME;
    END FOR
END PROCEDURE;
CREATE PROCEDURE gettest()
    DEFINE var INT;
    LET var = testproc (10); -- error
END PROCEDURE
```

1.3019-687

A TRACE statement (except TRACE OFF) was executed before a SET DEBUG FILE statement. It is unknown where the output of the TRACE statement would go.

Example of error:

```
TRACE procedure; -- error
```

Correction:

```
SET DEBUG FILE TO 'trace.out';
TRACE procedure;
```

1.3020-688

You declared the variable as some type other than CHAR or VARCHAR. Correct the declaration and try again.

1.3021-689

Two or more procedures were executed that defined the same global variable with different types.

Example of error:

```
CREATE PROCEDURE test1()
    DEFINE GLOBAL glob INT DEFAULT 10;
    ...
```

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```
END PROCEDURE
CREATE PROCEDURE test2()
    DEFINE GLOBAL glob CHAR (9) DEFAULT USER;
    ...
END PROCEDURE
```

Correction: Declare global variables consistently. (Using appropriate naming conventions would be useful.) Two variables of the same type but of different lengths are considered inconsistent.

1.3022-69

An operating system error code with the meaning shown was unexpectedly returned to the database server. A disk-quota limit is is probably configured in your operating system. Look for other operating-system error messages that might give more information, particularly the disk involved. Contact your system administrator to inquire about more liberal quotas.

1.3023-690

The referential constraint could not be validated. See the ISAM error for more information. If you are using cascading deletes, database logging must be on.

1.3024-691

A referential constraint has been violated. This usually occurs when you are trying to insert a value into, or update the value of, a column that is part of a referential constraint. The value you are trying to enter does not exist in the referenced (parent key) column(s). If you are using cascading deletes, database logging must be on.

1.3025-692

You have violated a referential constraint. This usually occurs when you are trying to delete a row in a column (parent key) that is being referenced by another row (child key). If you are using cascading deletes, database logging must be on.

1.3026-693

A null value was passed to the SYSTEM statement.

Example of error:

```
DEFINE c CHAR(100);
    LET c = NULL;
    ...
SYSTEM c; -- error
```

1.3027-694

More arguments were passed to a procedure than a procedure was declared to accept.

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1.3028-695

A named parameter was passed to a procedure and the named parameter does not exist.

Example of error:

```
CREATE PROCEDURE testproc (arg1 INT, arg2 INT)
    RETURNING INT;
    ...
    RETURN 1;
END PROCEDURE
SELECT col FROM tab WHERE testproc (arg1 = 10, arg5 = 20); -- error
```

1.3029-696

A variable was used that was never assigned a value.

Example of error:

```
DEFINE i, j INT;
LET i = j + 1; -- error
```

Correction: Assign all variables and parameters a legal value before using them.

1.3030-697

The STEP expression of a FOR statement evaluated to zero.

Example of error:

```
LET e = -1;
FOR i = 10 TO 20 STEP e+1; -- error
    ...
END FOR
```

Correction: Change the STEP expression so that it evaluates to a

non-zero value.

1.3031-698

This message is returned if an INFORMIX-STAR two-phase commit or a distributed transaction is implemented with a mixed result. That is, some OnLine database servers participating in the transaction rolled back their parts of the global transaction while other database servers committed their parts of the global transaction. The number of database servers that rolled back work is always accurate but the list of server names (specified by DBSERVERNAME values) can be incomplete. If a large number of servers rolled back work, the list may be truncated to save space. Refer to the coordinator OnLine message log for a complete list of server names. If this error message is returned, you must determine whether your networked database system is in an inconsistent state. This procedure is described in detail in the INFORMIX-OnLine Administrator's Guide (or, for Version 6.0 and higher, in the INFORMIX-OnLine Dynamic Server Administrator's Guide).

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1.3032-699

This message is returned if an INFORMIX-STAR two-phase commit transaction is heuristically rolled back by all participating OnLine database servers. Since all database servers rolled back the transaction, the networked database system remains consistent.

1.3033-7

An operating system error code with the meaning shown was unexpectedly returned to the database server. Look for operating system error messages that may give more information. If the error recurs, please refer to the "OnLine Administrative Guide," Appendix B, 'Trapping Errors,' to acquire additional diagnostics. Contact Informix Technical Support with the diagnostic information.

1.3034-70

An operating system error code with the meaning shown was unexpectedly returned to the database server. There is an error in a file server on a networked file system. Although Informix database servers do not support database access to NFS-mounted file systems, this error can occur when the database-server executable files or other files related to the database server are located on an NFS-mounted disk. (In other words, the INFORMIXDIR environment variable names an NFS-mounted disk.) The error is usually transient, reflecting a crash and subsequent restart of the file server. Remount the file system to your workstation and rerun your application.

1.3035-7000

Check the error number in the documentation for the subsystem you are using.

1.3036-701

This error is generated when you attempt to execute any of the following statements within an X/Open distributed transaction processing environment:

- CLOSE DATABASE
- CREATE DATABASE
- DROP DATABASE
- SET LOG

Within this environment, you may specify a current database by executing a single DATABASE statement after an xa_open call. However, after this database is selected, no other DATABASE statement can be executed. Error -701 is generated when you attempt to execute a second DATABASE statement.

1.3037-702

Within an X/Open distributed transaction processing environment, you cannot open a database in exclusive mode.

1.3038-703

You cannot insert a null value into a column that is part of a primary key.

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1.3039-704

A table can have only one primary key.

1.3040-705

An attempt was made to either drop a currently executing procedure or run UPDATE STATISTICS on a currently running procedure. This can occur if a procedure tries to drop itself or if a nested procedure tries to drop a procedure that called it.

Example of error:

```
CREATE PROCEDURE testproc()
    ...
    DROP PROCEDURE testproc; -- error
END PROCEDURE
```

Correction: You can use an ON EXCEPTION statement to trap for this error and not carry out the DROP PROCEDURE or UPDATE STATISTICS.

1.3041-706

A user must have Execute privilege to run a procedure if he or she does not own the procedure or is not DBA.

1.3042-707

The same column is specified more than once in the column list of the FOR clause in the CREATE OPTICAL CLUSTER statement. Change your statement so that no column appears more than once.

1.3043-708

You have attempted to create a new optical cluster with the name of an existing cluster. You must either drop the existing cluster, or re-execute your statement using a different cluster name.

1.3044-709

You have already created an optical cluster using the named blob column. Since a single blob column can only be part of one optical cluster, your attempt to create a new cluster on this column has failed.

1.3045-71

An operating system error code with the meaning shown was unexpectedly returned to the database server. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

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1.3046-710

Error -710 can occur with explicitly prepared statements. These statements have the form:

```
PREPARE statement id FROM quoted string
```

After a statement has been prepared in the database server and before the user executes it, the table has been renamed or altered, possibly changing the structure of the table. Problems might occur as a result.

Error -710 can also occur with stored procedures. Before executing a new stored procedure the first time, the database server optimizes the code (statements) in the stored procedure. Optimization makes the code depend on the structure of the tables that the procedure references. If the table structure changes after the procedure is optimized and before it is executed, error -710 can occur.

Each stored procedure is optimized the first time that it is run (not when it is created). This behavior means that a stored procedure might succeed the first time it is run and yet fail later under virtually identical circumstances. The failure of a stored procedure can also be intermittent because failure during one execution forces an internal warning to reoptimize the procedure before the next execution.

The database server keeps a list of tables that the stored procedure references explicitly. Whenever any of these explicitly referenced tables is modified, the database server reoptimizes the procedure the next time that the procedure is executed.

However, if the stored procedure depends on a table that is referenced only indirectly, the database server cannot detect the need to reoptimize the procedure after that table is changed. For example, a table can be referenced indirectly if the stored procedure invokes a trigger. If a table that is referenced by the trigger (but not directly by the stored procedure) is changed, the database server does not know that it should reoptimize the stored procedure before running it. When the procedure is run after the table has been changed, error -710 can occur.

There are two methods of recovering from error -710:

- You can force reoptimization of the procedure by issuing the UPDATE STATISTICS statement.
- You can rerun the procedure.

One way to prevent error -710 is to force reoptimization of the stored procedure. You can force reoptimization by executing the following statement:

```
UPDATE STATISTICS FOR PROCEDURE procedure name
```

You can add this statement to your program in either of the following ways:

- Place the UPDATE STATISTICS statement after each statement that changes the mode of an object.
- Place the UPDATE STATISTICS statement before each execution of the stored procedure.

For efficiency, it is better to put the UPDATE STATISTICS statement with the action that occurs less frequently in the program (change of object mode or execution of the procedure). In most cases, the action that occurs less frequently in the program is the change of object mode.

When you follow this method of recovering from error -710, you must execute the UPDATE STATISTICS statement for each procedure that indirectly references the changed tables unless the procedure also references the tables explicitly.

You can also recover from error -710 by simply rerunning the stored procedure. The first time that the stored procedure fails, the database server marks the procedure as in need of reoptimization. The

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next time that you run the procedure, the database server reoptimizes the procedure before running it. However, running the stored procedure twice might be neither practical nor safe. Forcing reoptimization of the procedure by using the UPDATE STATISTICS statement is a safer choice.

1.3047-711

An attempt to insert an encoded blob descriptor by means of the DESCR() function has failed. See the ISAM error for more information.

1.3048-712

You have attempted to use the DESCR() function to insert an encoded blob descriptor into a TEXT or BYTE column stored in a dbspace or blobspace. You can only use this function to insert descriptors into blob columns stored on optical media.

1.3049-713

The decoding of a blob descriptor prior to its insertion into a data row has failed. See the error from the optical subsystem (an error in the 7000-7199 range) for more information.

1.3050-714

The encoding of a blob descriptor for storage on optical media has failed. See the error from the optical subsystem (an error in the

7000-7199 range) for more information.

1.3051-715

Error retrieving transaction state. See the ISAM error for more information.

1.3052-716

This message appears after an administrator kills a coordinator OnLine database server process, thread, or session using tbmode -z or onmode -z any time after the coordinator issues its decision to either commit or roll back a two-phase commit transaction. You must examine the OnLine message log or the OnLine logical log at each of the unknown database servers to determine whether the local transaction was committed or rolled back. If some participating OnLine database servers rolled back the transaction and others committed it, you must determine whether your networked database system is in an inconsistent state. This procedure is described in detail in the INFORMIX-OnLine Administrator's Guide (or, for Version 6.0, in the INFORMIX-OnLine Dynamic Server Administrator's Guide).

1.3053-717

An invalid data type has been passed to one of the arithmetic functions (i.e., HEX(), TRUNC(), ROUND()).

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1.3054-718

If an ONLine database server acting as a Resource Manager in an X/Open distributed transaction processing environment has suspended a transaction, its next statement must be xa_start. All other statements are disallowed.

1.3055-719

A global variable cannot be used as a loop variable. Redefine the variable in question so that it is local to the loop, or use another (local) variable as the loop variable.

1.3056-72

An operating system error code with the meaning shown was unexpectedly returned to the database server. Look for other operating-system error messages that might give more information, particularly which device is involved. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.3057-720

There is a mismatch in the number of columns the SELECT returns and the number of variables specified in the INTO list. Correct the number of variables in the INTO list.

1.3058-7202

You attempted to create an NCHAR (or NVARCHAR) column, or declare an NCHAR (or NVARCHAR) variable, in a non-NLS database.

1.3059-7203

This message may be returned when you try to access an external database that has a different locale than the current database. In order to use this NLS database, you must set the DBNLS environment variable to 1 or 2 and the LC_COLLATE environment variable to the specified category-value.

1.3060-7204

Either the LANG or the LC_COLLATE environment variable setting is invalid. Set either or both variables to the values that are supported by your system.

1.3061-7205

This message may be returned when you try to access an external database that has a different locale than the current database. In order to access this NLS database, you must set the DBNLS environment variable to 1 or 2 and the LC_CTYPE environment variable to the specified category-value.

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1.3062-7206

Either the LANG or the LC_CTYPE environment variable setting is invalid. Set either or both variables to the values that are supported by your system.

1.3063-7207

Either the LANG or the LC_MONETARY environment variable setting is invalid. Set either or both variables to the values that are supported by your system.

1.3064-7208

Either the LANG or the LC_NUMERIC environment variable setting is invalid. Set either or both variables to the values that are supported by your system.

1.3065-7209

Either the LANG or the LC_TIME environment variable setting is invalid. Set either or both variables to the values that are supported by your system.

1.3066-721

You are attempting to execute a procedure from an EXECUTE statement that has been redefined since the PREPARE statement was run. You must use the PREPARE statement again on the EXECUTE PROCEDURE statement.

For example, the following sequence of code would cause this error:

```
$prepare pr_stat from 'execute procedure testproc()';
        ...
          /* drop procedure testproc
             create procedure testproc() ......
             [same application or different]
           */
        ...
$execute pr_stat;    /* triggers error -721 */
```

1.3067-7210

This message is returned when you try to access an NLS database from a non-NLS-ready database server. This database server does not support NLS. Contact Informix for a version that does support NLS.

1.3068-7211

If your current database is not an NLS database, you cannot access an NLS database on another database server or on the same database server. However, if the NLS environment variables are set correctly, you can drop an external NLS database even if your current database is not an NLS database.

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1.3069-722

The server has run out of memory for stack space. Ask the Informix database administrator to increase the STACKSIZE parameter specified in the $ONCONFIG (or $TBCONFIG) file to allocate more memory. OnLine must be re-started for the change to take effect.

1.3070-723

You attempted to use the START DATABASE <database> WITH NO LOG syntax to remove database logging on an SE database that is ANSI-compliant. You cannot turn off logging by running this statement on this kind of database.

1.3071-724

Make sure that $INFORMIXDIR/cnv50t60.sql is in place and readable. If it is, and the system still fails, reinstall the system.

1.3072-725

Make sure the script file $INFORMIXDIR/cnv50t60.sql is readable. If it is, and the failure still occurs, reinstall the product.

1.3073-726

Make sure that the first argument to dbinfo() is a quoted string corresponding to one of the following values: 'dbspace', 'sqlca.sqlerrd1', or 'sqlca.sqlerrd2'.

1.3074-727

You have called the dbinfo() function with the 'dbspace' string constant as the first parameter. You must provide either the number of a valid tablespace or an expression that evaluates to such a number as the second parameter. Check that you have supplied a number as your second parameter, and that it corresponds to the number of a valid tablespace.

1.3075-728

The valid arguments to the dbinfo() function are the quoted string 'dbspace' followed by the number of a valid tablespace, or one of the following two values: 'sqlca.sqlerrd1' or 'sqlca.sqlerrd2'. Make sure that you have supplied one of these values, and have enclosed the string in quotes.

1.3076-729

Your CREATE TRIGGER statement does not include a triggered action. Add a triggered action list to the trigger definition and then resubmit the CREATE TRIGGER statement.

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1.3077-73

An operating system error code with the meaning shown was unexpectedly returned to the database server. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.3078-730

You included a REFERENCING clause in a CREATE TRIGGER statement that does not include a FOR EACH ROW triggered action section. Either remove the REFERENCING clause or, if it is appropriate, add the missing keywords FOR EACH ROW, followed by the triggered actions that are to occur at that time.

1.3079-731

For insert and delete triggers, this means the offending column is being used in the INTO clause of the EXECUTE PROCEDURE statement (which is only allowed for an update trigger). Remove the column names from the INTO clause.

1.3080-732

You cannot use the new or old correlation name outside the FOR EACH ROW section, or in the INTO clause of the EXECUTE PROCEDURE statement. It is also not valid to use the new or old correlation name to qualify the SELECT COUNT DISTINCT column. For example, the following statement returns error -732:

```
SELECT COUNT (DISTINCT oldname.colname)
```

You cannot specify an old correlation name for an insert trigger. You cannot specify a new correlation name for a delete trigger.

1.3081-733

You have a CREATE TRIGGER statement inside a stored procedure, and within the CREATE TRIGGER statement you reference a variable that is defined in the stored procedure. This is not legal. Remove the reference to the stored procedure variable from the CREATE TRIGGER statement, and try again.

1.3082-734

This error is returned in three cases:

- The name of the triggering table, or the synonym, if it is used, matches the old or new correlation name in the REFERENCING clause.
- The name of a table or a synonym referenced in the action clause matches either the old or new correlation name in the REFERENCING clause.
- The old correlation name matches the new correlation name.

As appropriate, change either the correlation name or the table name and then execute the CREATE TRIGGER statement again.

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1.3083-735

If a child table is referenced in a correlated subquery that is part of a DELETE statement, the child table can not be one of the tables on which a delete would cascade. This is disallowed because the result depends on the order in which the rows are processed. Rewrite your query so that the child table is not referenced in a correlated subquery.

1.3084-736

Since data distributions are only constructed in MEDIUM or HIGH modes, specifying the resolution is not meaningful. Remove the RESOLUTION clause or change the mode from LOW to either MEDIUM or HIGH.

1.3085-737

Remove the confidence value from the statement, that is, if the offending statement were:

```
UPDATE STATISTICS HIGH RESOLUTION 0.1 0.99;
```

change it to:

```
UPDATE STATISTICS HIGH RESOLUTION 0.1;
```

If you want a distribution based upon sampling rather than one that uses all of the data in a column, you should replace HIGH with MEDIUM.

1.3086-738

By default, LOW mode does not remove distributions, hence the need for the DROP DISTRIBUTIONS clause. If you want to remove HIGH or MEDIUM distributions, then use the DROP DISTRIBUTIONS clause.

1.3087-739

If the value of the confidence desired is greater than 0.99, use HIGH mode. A value of less than 0.80 is not allowed because it will probably yield a poor distribution. If you are reducing the confidence to reduce the time required to execute the update statistics command, you should consider using a larger resolution value.

1.3088-74

An operating system error code with the meaning shown was unexpectedly returned to the database server. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.3089-740

The value of this parameter determines how finely the data distribution is resolved. A resolution of 10.0 implies that the accuracy of any estimate for the application of any single selection filter is limited to (+, or -) 5 percent. A value greater than 10.0 would be of little value because it would not provide sufficient detail about the distribution of the data.

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1.3090-741

You are creating a trigger for an event, and another trigger already exists for that event. You can only have one insert or delete trigger on a table. If you are defining multiple triggers that occur on an update, the column lists in the UPDATE statements must be mutually exclusive—that is, you cannot name a column as a triggering column in more than one UPDATE clause.

1.3091-742

Delete triggers cannot co-exist with referential constraints.

1.3092-743

You are trying to define an object that already exists in the database.

1.3093-745

This message is defined for general use to apply to error conditions that you specify in a stored procedure that is a triggered action.

1.3094-746

This is a message for which you supply message-string. You can apply this message to error conditions that you specify in a stored procedure that is a triggered action. The corrective action for this error depends on the condition that caused it. Both the condition and the message text are defined by you, the user.

1.3095-747

This error is returned when a triggered SQL statement acts on the triggering table, or when both statements are updates and the column being updated in the triggered action is the same as the column being updated by the triggering statement.

1.3096-748

You exceeded the maximum number of cascading triggers, which is 61. You may be setting off triggers without realizing it. You can query the systriggers system catalog table to find out what triggers exist in the database. You might consider tracing the triggered actions by placing the action clause of the initial trigger in a stored procedure and using the SPL TRACE statement.

1.3097-749

The triggering statement or cursor operation has been sent by an external pre-Version 5.01 database server. This is not allowed.

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1.3098-75

An operating system error code with the meaning shown was unexpectedly returned to the database server. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.3099-750

This is an internal error and should not occur unless the database has been corrupted in some way. Rebuild the distribution using UPDATE STATISTICS. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.3100-751

The action clause of the trigger contains a stored procedure that is not called in a data manipulation statement, and the procedure will be executed by an external pre-5.01 database server. This is not allowed. A stored procedure that is called within a data manipulation statement is restricted from executing certain SQL statements, including transaction-related statements. Transaction-related statements are not allowed within a stored procedure that is a triggered action. A pre-5.01 database server is not equipped to check for this, so the procedure is disallowed. If possible, execute the procedure on a 5.01 database server.

1.3101-752

Wait awhile and retry your Smart Disk operation.

1.3102-753

Licensing enforcement is configured for only one user; multiple users cannot use the product at the same time. If you are using the product from a remote machine, the product is licensed only for a non-networked environment; if you are using the product from a local machine, wait until the current user exits and try again.

1.3103-754

The system cannot find the user license file. The user license file might not have been installed or it might have been installed improperly. Also, you might not have the correct file or directory permissions to access the user license file. Consult your installation documentation.

1.3104-755

You may not have appropriate permission for your particular action. Check with your system administrator.

1.3105-756

The evaluation version of this product will work only for a specified period of time. This allows you to evaluate the product, but not use it permanently. When the evaluation version expires, call Informix to order a standard version of the product.

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1.3106-757

This is an internal error. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.3107-758

If you connect to a server using the CONNECT TO statement, you cannot implicitly reconnect to another server through one of the DATABASE statements - that is, DATABASE, START DATABASE, and so on. You must switch to it with the SET CONNECTION statement.

1.3108-759

If you connect to a database and server using the CONNECT TO

database@server syntax, then you cannot select another database until you close your current connection.

1.3109-76

An operating system error code with the meaning shown was unexpectedly returned to the database server. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.3110-760

Your remote procedure must execute a COMMIT WORK or ROLLBACK WORK statement before that procedure returns control to your application.

1.3111-761

Your INFORMIXSERVER environment variable does not match the DBSERVERNAME or any of the DBSERVERALIASES settings in the ONCONFIG configuration file of the server that you are trying to connect to. Check your environment variables and the ONCONFIG configuration file. Make sure INFORMIXSERVER matches one of the settings in the ONCONFIG file.

1.3112-762

You will see this error if an internal memory limitation in the SQL parser has been reached. This can occur if your query contains many nested expressions. For example, the query contains many ANDs and/or ORs in the WHERE clause. To work around this, you must rewrite the query to eliminate some of the nested expressions.

1.3113-763

This is an all-purpose message that indicates a problem when a user tries to connect to a secure database server. Contact your security administrator or DBA for how to proceed.

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1.3114-764

You have tried to run the UPDATE STATISTICS statement with the DROP DISTRIBUTIONS clause on the entire database in a mode other than LOW. Only user informix or the database administrator can do this.

1.3115-765

You cannot execute a prepared statement that has been declared. You can, however, specify output variables for a prepared singleton SELECT statement by using EXECUTE INTO (or EXECUTE PROCEDURE INTO) instead of executing DECLARE, OPEN, and FETCH statements.

1.3116-766

With INFORMIX-ESQL/C, if you use a host variable in an INSERT statement or in the WHERE clause of an SQL statement, and the database is ANSI-compliant, the string must be null-terminated.

1.3117-767

You cannot perform an UPDATE or INSERT operation on a table that resides across a network when you are using views that have check options. Remove the all check options from the view or perform the UPDATE/ INSERT locally.

1.3118-768

This is an internal error. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.3119-769

This is an internal error. If no direct cause can be found, please note all circumstances and contact the Informix Technical Support Department.

1.3120-77

An operating system error code with the meaning shown was unexpectedly returned to the database server. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.3121-770

This is an internal error. If no direct cause can be found, please note all circumstances and contact the Informix Technical Support Department.

1.3122-771

This is an internal error. If no direct cause can be found, please note all circumstances and contact the Informix Technical Support Department.

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1.3123-772

This can happen during a record insert or update. The most likely cause is an incorrect fragmentation specification which did not specify a REMAINDER. The easiest correction is to add a REMAINDER fragment to your SQL statement. However, the best correction is probably to re-examine the original fragmentation specification, figure out what is wrong, and fix it with an ALTER FRAGMENT statement.

1.3124-773

When you add a fragment to an expression-based fragmentation strategy, you must specify an expression for the new fragment. Restate your SQL statement to include a fragment expression.

1.3125-774

If table fragmentation is based on a round-robin strategy, you cannot specify a fragment expression during an ALTER FRAGMENT operation.

1.3126-775

The dbspace specified during an ALTER FRAGMENT operation is incorrect because there is no fragment in that dbspace. Specify a dbspace that has a fragment.

1.3127-776

During an ALTER FRAGMENT operation, the rows could not be moved to another fragmentation strategy. See the accompanying ISAM error for more information on why the ALTER FRAGMENT operation failed.

1.3128-777

This is an internal error. If no direct cause can be found, please note all circumstances and contact the Informix Technical Support Department.

1.3129-778

During an ALTER FRAGMENT operation, the fragmentation strategy for the index could not be altered. See the accompanying ISAM error for more information on why the ALTER FRAGMENT operation failed.

1.3130-779

You cannot attach the same table multiple times. Make sure your alter fragment specification attaches the same table only once.

1.3131-78

An operating system error code with the meaning shown was unexpectedly returned to the database server. If the error recurs, please note all circumstances and contact the Informix Technical Support

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1.3132-780

You cannot perform the ALTER FRAGMENT operation because the table or index is not fragmented. Fragment the table or index, or do not perform the fragmentation operation.

1.3133-781

You tried to alter a fragment that is based on a temporary table. In general, dynamic modification of a TEMP table is not allowed. You must re-create the temp table if you require a different fragmentation scheme.

1.3134-782

When you attach tables, the consumed table cannot be fragmented.

1.3135-783

Incompatible table schemas do not allow you to perform an attach. When you perform an attach, the table schemas must be identical. Use the ALTER TABLE statement to first make the schemas compatible and then perform an ALTER FRAGMENT . . . ATTACH operation.

1.3136-784

Existing referential constraints do not allow you to perform a detach. You must drop the referential constraints before performing the DETACH on the dbspace or table.

1.3137-785

You must alter fragmentation expressions to remove references to the column before the column can be dropped.

1.3138-786

The surviving table must be the first entry in the attach list.

1.3139-787

If you do not specify a storage-spec in a CREATE INDEX statement, then the indexes are fragmented the same as the underlying table, subject to all the restrictions on fragmented indexes. For example, an error is returned if the underlying fragmentation strategy is round-robin and the index is unique. You cannot alter this type of index fragmentation. If you want to change the index fragmentation, you can detach the index by using the INIT option of ALTER INDEX. That makes the index and table independent and allows you to alter each independently.

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1.3140-788

This is an internal error. If no direct cause can be found, please note all circumstances and contact the Informix Technical Support Department.

1.3141-789

This is an internal error. If no direct cause can be found, please note all circumstances and contact the Informix Technical Support Department.

1.3142-79

An operating system error code with the meaning shown was unexpectedly returned to the database server. This implementation of the Informix database server probably uses kernel locking, the it use of the operating-system facilities to lock rows of tables. The capacity of the operating-system lock table has been exceeded. Contact your system administrator and inquire about configuring the operating system to support more locks. Also examine your database application to see if it can use fewer locks by updating fewer rows in each transaction or by locking whole tables instead of rows.

1.3143-790

Cannot create rowids multiple times. You attempted to add rowids to a table that was already defined with rowids. Do not run the command that caused this error.

1.3144-791

Check the INFORMIXDIR environment variable to make sure it is set to the correct value. Also, check the Informix password file INFORMIXDIR\ETC\PASSWD. If the Informix password file is corrupted or deleted, reinstall the INFORMIX-SE database server.

1.3145-795

If you intend to communicate with an INFORMIX-OnLine for NetWare database server across a network, you must run the INETIPX.EXE TSR in the DOS environment. Make sure you have enough memory to load this TSR.

1.3146-8

An operating system error code with the meaning shown was unexpectedly returned to the database server. Look for other operating-system error messages that might give more information. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.3147-8001

The total number of lines defined for all the above statements exceeds the page length. Check that you have entered the desired number of lines in each statement in the OUTPUT section and in the header and trailer specifications of the FORMAT section.

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1.3148-8002

Reduce the size of the report. Since there is no means of dividing a report into parts to be compiled separately, you must find a way to simplify the report.

1.3149-8003

The allowable range of values for a SMALLINT is -32,767 through 32,767. Whole numbers only are allowed, with only digit characters.

1.3150-8004

The FLOAT constant is not written correctly. The exponent may be too small or too large (the allowable range of exponents depends on your computer and operating system, but is the same as is allowed by your C compiler for the DOUBLE data type), or there may be incorrect punctuation or a nondigit character other than "e."

1.3151-8005

The total number of identifiers defined for ASCII fields, parameters, and variables may not exceed the number shown. You will have to simplify the report.

1.3152-8006

You must reduce the quoted string to a maximum of 80 characters. In a PRINT statement, simply divide the string into shorter parts and separate the parts with commas.

1.3153-8007

This line of the report specification contains an odd number of quote (") symbols. A quoted string may not include a newline; all quoted strings must be complete in one line. In order to print a longer string, store its parts in variables and list them all in a PRINT statement.

1.3154-8008

Check the spelling of the filename. Make sure that it really exists, and that your account name has read access to it. If it is in a directory other than the current directory you may have to enter a complete pathname.

1.3155-8009

Check the accompanying message for an indication of system action. Locate the indicated error message using the finderr utility or the Informix Error Messages manual.

1.3156-8009

The ACE compiler was unable to allocate memory that it needed. Try reducing the size of the report specification.

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1.3157-801

The text editor cannot expand the buffer in which it stores your SQL statements because there is no more data space memory available. If you have multiple statements in the buffer, execute them one at a time.

1.3158-8010

Ensure that filename is spelled correctly, and that your account name has write access to the directory where it will be stored. (That directory may be the one named in the environment variable DBTEMP.) If a file of that name already exists, either erase it or make sure your account has write access to it.

1.3159-8011

There is a call to a function with the name shown. ACE assumes it is an external C function. However, external functions must be defined in the DEFINE section of the report using FUNCTION funcname statements, and this name is not defined. If name was intended as the name of an external function, insert a FUNCTION statement for it.

1.3160-8013

Ensure that your account has write access to the current directory, and that if a file filename already exists, your account has write access to it.

1.3161-8014

Something in the command line you entered was not acceptable to saceprep. Read the message to remind yourself of the syntax of the various options, then retype the command line.

1.3162-8015

You may not nest comments. Insert a close-comment symbol where appropriate in the report specification.

1.3163-8016

Insert a close-comment symbol where appropriate in the report specification.

1.3164-8017

Illegal characters can be introduced into files by using a word-processing editor in document mode instead of text mode, or by striking nonprinting keys while editing the file, or by data corruption.

1.3165-8018

A syntax error exists in the source file. A keyword may be misspelled or misplaced in the file. Check the spelling of the keyword or the sequence of control blocks within the report specification file.

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1.3166-8019

For each TEXT column that is selected for the report, ACEGO prepares a temporary file in the directory named in the DBTEMP environment variable. This message says that the file was created, and loaded with a copy of a TEXT value, but now cannot be read. Look for operating system error messages that might give more details. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.3167-802

The SQL command file you specified cannot be opened for reading. Review the file name specified. If it is spelled as you intended, make sure that it exists in the current directory or in a directory named in the DBPATH environment variable and that your account has read permission for it.

1.3168-8021

Check the spelling of filename. Check that the report specification file exists in your current directory, or if it is in another directory check that the correct pathname has been provided. If these things are correct, verify that your account has read permission on the file.

1.3169-8022

You will have to devise a shorter identifier.

1.3170-8025

Unless they are enclosed in quotes, comment symbols must be balanced. Probably the open-comment symbol was accidentally deleted during editing. Change the file so that comments are properly delimited.

1.3171-803

The SQL command file you selected with the Choose option is too large to be held in the edit buffer. The size of the edit buffer is dynamic, and the program was unable to allocate enough memory to hold the contents of the command file. (In DOS, this error also appears if the command file exceeds 64 kilobytes.) Make sure you specified the file you intended, and that it is really an SQL command file. If it is the file you intended, you will have to break it into smaller parts and use them separately.

1.3172-8030

The single character at the location shown is not syntactically correct; it cannot be interpreted as part of a report specification.

1.3173-8033

The form compiler imposes a limit on the length of source file identifiers. You must rename the file before using it. In DOS systems, file names can be a maximum of 8 characters plus a 3-character extension.

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1.3174-8034

The command line options supported by ACEPREP are:

- -s to suppress messages.
- -o to name an output destination.
- -ansi to test for ANSI compliance.
- Command line options supported by ACEGO are:
- -s to suppress messages.
- -d to name a database.

1.3175-804

This statement includes a comment enclosed in braces { } except that the closing brace is missing. Review the punctuation of the statement and make sure that all braces appear in matching pairs.

1.3176-805

The input file specified in this LOAD command could not be opened. Check the accompanying ISAM error code for more information. Possible causes include: a more complete pathname is needed; the file does not exist; your account does not have read permission for the file or a directory it is in.

1.3177-8051

Revise the left and right MARGIN statements in the OUTPUT section for reasonable margin values.

1.3178-8052

Reduce the length or number of character variables in the report specification.

1.3179-8053

Revise the statements in the OUTPUT section to have reasonable values.

1.3180-8054

Reduce the length or number of strings in the report specification. Identical strings are stored only once.

1.3181-8055

Reduce the number of numeric constants used in the report specification file.

1.3182-8056

ACEPREP needs to determine how many lines of space will be devoted to the page header and trailer (otherwise it could not know how many detail rows to allow on the page). It cannot predict how many times a loop will be executed, so it has to forbid the use of SKIP statements in loops in these sections.

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1.3183-8057

You may use a subscript (two numbers in square brackets, used to extract a substring of characters) with names of character variables only. In a LET statement you may assign multiple strings, separated by commas, to a character variable only. Variables of other types may receive only single values.

1.3184-8058

A field name may only be defined once. Field names must be unique in the DEFINE section; that is, a name may not be used both for a PARAM and for a field.

1.3185-8059

You have exceeded the maximum levels of nested IF statements. You will have to simplify the logic of the report.

1.3186-806

The output file specified in this UNLOAD command could not be opened. Check the accompanying ISAM error code for more information. Possible causes include: a more complete pathname is needed; the file exists and your account does not have write permission for it; or the disk is full.

1.3187-8060

ACEPREP encountered the end of the report specification file while it still expected input. You may have omitted an END statement. A minimal FORMAT section is required containing at least an EVERY ROW statement, and any control block must have at least one statement in it.

1.3188-8061

In order to use the READ statement you must define the expected fields of the ASCII file using the ASCII statement in the DEFINE section.

1.3189-8062

A report may be based on an ASCII file or on database rows, but not on both. The ASCII statement in the DEFINE section means that file input will be used, and a READ statement is used to read the file. If you want to base the report on database rows, retain the SELECT statement and delete the ASCII.

1.3190-807

The program cannot create the file you specified with the Save option. The file should be saved in the current directory. Possibly your account does not have write permission in that directory. Possibly there exists a read-only file of the same name (you can eliminate this possibility by trying to save the file under a different name). Possibly the disk is full. Look for operating system error messages that may give more information.

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1.3191-808

The SQL command file you specified for the Choose menu option cannot be opened for input. Make sure that the file is in the current directory and readable to your account.

1.3192-809

The INSERT statement in this LOAD statement has invalid syntax. Review it for punctuation and use of keywords.

1.3193-810

The SQL command file could not be saved. Check that your account has operating system permission to write in the current directory and that the disk is not full.

1.3194-8102

The report contains more than one AFTER GROUP OF clause for a certain column, or else more than one BEFORE GROUP OF clause. Only one of each may name a given column. However, you can combine the statements from the multiple clauses into a single clause.

1.3195-8103

Make sure that the control columns are specified identically in both statements: the ORDER BY statement and the GROUP OF clauses.

1.3196-8104

Aggregate values over a group are accumulated while the rows of the group are being processed, so they are not available until the end of the group is seen. Hence the report may not refer to them except in an AFTER GROUP OF clause.

1.3197-8105

Aggregate functions may not be nested, primarily because the value of the inner aggregate is not known while the outer aggregate is being accumulated. Rewrite aggregate expressions to refer only to columns and simple expressions on columns. In an AFTER GROUP OF clause you can save the aggregate value from one group of rows in a variable, so as to use it in computing an aggregate over a subsequent group.

1.3198-8107

A name may be defined only once in a DEFINE section. You have used a name more than once in the ASCII, PARAM or VARIABLE statements.

1.3199-8108

Make sure that every CHAR and VARCHAR field in the DEFINE section has a nonzero length specification.

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1.3200-8109

ACEPREP needs to know how many lines will be filled in header and trailer sections (otherwise it could not know how many detail rows to put on the page). However, printing with the WORDWRAP function can fill a variable number of lines, depending on the words. Therefore it is not allowed in page header or trailer sections.

1.3201-811

The application is trying to open the device specified in the DBPRINT environment variable and is failing. Check the setting of that variable and rerun the program.

1.3202-8110

The variable, parameter or field name was not defined in the DEFINE section. If name is spelled correctly, it must be defined.

1.3203-8111

Only names of columns may be used in an ORDER BY clause. Check the spelling of the column names or display labels in the clause. You cannot request ordering by the contents of defined variables, parameters or ASCII fields.

1.3204-8112

ACEPREP needs to know how many lines will be filled in header and trailer sections (otherwise it could not know how many detail rows to put on the page). Since it cannot tell which part of an IF statement will be executed, it requires that both produce the same number of lines of output.

1.3205-8113

When SKIP TO TOP OF PAGE is executed, the page trailer clause must be executed (so as to display fixed page-end material) followed by the page header clause. If the statement was allowed in a header or trailer clause, an infinite loop could ensue.

1.3206-8114

Examine the statements in the OUTPUT section and in any HEADER and TRAILER clauses. The total of lines used by these statements must be sufficiently less than the specified page length that some detail rows can be printed.

1.3207-8115

ACEGO limits the number of columns that can be ordered. You must reduce the number of columns listed following ORDER BY.

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1.3208-8116

You may only subscript a character field. Check the subscripts. There may be no negative numbers; the numbers must fall within the length of the character column; and the first number must be less than or equal to the second number.

1.3209-812

Under the Output option you selected To-pipe and specified a program or command to receive the output. However, INFORMIX-SQL was unable to open the pipe to that program or command. Review the program or command you typed, making sure that it is syntactically valid as a UNIX or DOS command and that it names only programs that can be found in your current execution path. Look also for operating system error messages, since it is possible you may have exceeded some kind of system quota on memory or processes.

1.3210-8121

The right margin of a WORDWRAP clause is used to set a narrower right margin than the one that applies to the report as a whole. The effective left margin of a WORDWRAP display is the current column when WORDWRAP is processed. The right margin must fall between the current column and the report margin.

1.3211-8122

The size of a page header or trailer is established by the PRINT statements in it. TO set a larger size, use PRINT statements with no parameters.

1.3212-8123

ACEPREP needs to know how many lines will be filled in header and trailer sections (otherwise it could not know how many detail rows to put on the page). Since the size of a file cannot be predicted when the report is compiled, the PRINT FILE command is not allowed. You will have to produce the data using PRINT statements.

1.3213-8124

A variable named in the SELECT statement is not defined in the DEFINE section of the report. Check that all names in the SELECT are the ones you intended, and that you have not misspelled any column or variable names.

1.3214-8125

Review the contents of the SELECT section making sure that each SELECT statement except the last ends in a semicolon, and that the last is followed by an END statement. Perhaps you have omitted the FORMAT statement at the beginning of that section.

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1.3215-8127

The entire report is directed to one destination, which is chosen with the REPORT TO statement in the OUTPUT section. The report cannot be divided between multiple destinations, so remove all REPORT TO statements after the first. If you want to produce separate report files for different sets of data, you can do one of these things:

- Write a separate report for each set of data (the specifications would differ only in their SELECT statements).
- Produce a full report, but with sets of data on separate pages, and use operating system utilities and tools to separate the files afterward.
- Use parameter variables in the SELECT statements so you can choose a subset of data dynamically, when running the report, and use REPORT TO PRINT so you can control the output destination by setting the DBPRINT variable before starting the report.

1.3216-8128

A VARCHAR variable is defined with a two numbers: name(n,r) where n is the maximum length of the variable, and r is the reserved length. In fact, the reserved length is meaningful only in the context of a database table definition, although it is allowed when defining a report variable. If you specify it, you must write a number for r that is less than or equal to the size, n.

1.3217-8129

A report page cannot fit in the number of lines specified. Allow more lines per page, or revise the report specification to use fewer lines, for instance by changing the top or bottom margins.

1.3218-813

Under the Output option you sent output to a command or program through a pipe. Although the pipe was established (indicating that the command had correct syntax and named existing programs), it has since closed unexpectedly. This indicates that the (first) program in the pipe terminated before it had received all the output. Possibly it quit due to an error, or possibly you or another user terminated it with a kill command. Look for messages from the pipe program that may explain why it quit.

1.3219-8130

This statement specifies a value which cannot be contained in an integer. Either use a smaller value or a different data type, for example DECIMAL.

1.3220-816

The file specified in the prior command cannot be written. The most likely cause is that your account does not have operating system permission to write to it. Check the permissions and run the program again.

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1.3221-817

The file specified in the prior command cannot be read. The most likely cause is that your account does not have operating system permission to read it. Check the permissions and run the program again.

1.3222-818

The user menu requested cannot be found. Check the spelling of the menu name. If it is as you intended, check the contents of the sysmenus table in the current database; the menu may not be defined in this database.

1.3223-819

The menu you have selected has no items in it. You can choose a different menu or modify the current one. If you think it should have items, check the contents of the sysmenuitems table in the current database.

1.3224-820

The display of selected rows is finished. This is not a scrolling display; the rows cannot be shown again. You can restart the query from the beginning or enter a new query.

1.3225-821

You have requested creation of a default report specification. This file is saved in the current directory, but some problem prevented it. Possibly the disk is full or possibly your account does not have operating system permission to write there.

1.3226-822

The current SQL statement has already been saved under the name shown at the top of the screen. (This message appears to no longer occur.)

1.3227-823

You have selected the Run option but no SQL statement has been entered. Either enter one or use Choose to load one.

1.3228-824

This message is probably not returned by any current Informix product. If it does appear, refer to the discussion of error -836. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

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1.3229-825

A supporting executable file could not be located. It should have existed in the directory named by the INFORMIXDIR environment variable. Consult the person who installed the Informix software.

1.3230-826

This is an internal error, showing an inability to start a subordinate process, possibly stemming from an attempt to enter vi from DB-Access when using the Use-editor option. Look for operating system error messages that may give more information. Retry the operation. If the error recurs, contact your system administrator. In DOS systems, you probably are out of memory; exit to the operating system command line and resubmit your program.

1.3231-827

See the discussion of error -329.

1.3232-828

The SQL command file you specified is not to be found in the current directory or in the directory listed in the DBPATH environment variable. Check the spelling of the name and the setting of DBPATH.

1.3233-829

The compiled form specification you specified is not to be found in the current directory or in the directory listed in the DBPATH environment variable. Check the spelling of the name and the setting of DBPATH.

1.3234-830

The compiled report specification you specified is not to be found in the current directory or in the directory listed in the DBPATH environment variable. Check the spelling of the name and the setting of DBPATH.

1.3235-831

One or more errors was found during compilation of the report specification. Edit the report-specification file and compile it again. Follow the prompts to see the error messages. They can be looked up in this book.

1.3236-832

One or more errors was found during compilation of the report specification. Edit the report specification file and compile it again. Follow the prompts to see the error messages. They can be looked up in this book.

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1.3237-833

The report compiler, saceprep, encountered an error while compiling a report specification. Look for other error messages, from saceprep and the operating system, that may give more information.

1.3238-834

The report compiler, sformbld, encountered an error while compiling a report specification. Look for other error messages, from sformbld and the operating system, that may give more information.

1.3239-835

The clause WHERE CURRENT OF is only meaningful in a program that uses a cursor to read rows. In this interactive context you must specify a condition other than CURRENT in your WHERE clause.

1.3240-836

The INSERT statement entered as part of this LOAD command requires a VALUES clause. Revise the statement to include one.

1.3241-837

INFORMIX-SQL needed to allocate memory for one of a number of small work areas and was not able to do so. Stop the program and restart it. If this does not eliminate the problem, see your system administrator about getting more memory. On DOS systems, you will need to free up some disk space.

This error message is not produced by any database server after Version 4.1. For a related error, see error message -208.

1.3242-838

Each line of the input file to LOAD must be read into storage in full to be processed. INFORMIX-SQL resizes its memory buffer as required to hold the current line, but in this case it was not able to allocate a large enough buffer. This error is most likely when the load file contains TEXT or BYTE data values or very large CHAR values. All of the values for one row must be contained in one line of the file. If you cannot rerun the program with more memory available, you will have to modify the input file to have fewer or shorter values in each row. Alternatively you can try loading the file using the dbload utility.

1.3243-839

You have specified the name of a table that does not exist in the current database. Review the spelling of the table name and make sure you are using the correct database. Refer to the discussion of error -310 for a way to display all table names.

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1.3244-840

Names of databases, and names of reports, forms, and other files must be 10 characters or less. Select a new, shorter name and repeat this operation. In DOS systems, file names can be a maximum of 8 characters plus a 3-character extension.

1.3245-841

Names of databases, and names of reports, forms, and other files must conform to the rule shown. Repeat this operation giving a conforming name. Beginning with Version 6.0, the name of the following identifiers can begin with an underscore: column, connection, constraint, database, index, procedure, synonym, table, trigger, view, as well as server and cursor names.

1.3246-842

INFORMIX-SQL created a temporary file; now it is trying to read the temporary file back. However, it received an unexpected operating system return code. Possibly you or another user removed the file, or possibly there has been a hardware error.

1.3247-843

INFORMIX-SQL is trying to write the current SQL source into a temporary file for editing and has received an unexpected operating system return code. Look for operating system error messages that may give more information. Possibly your account, on UNIX systems, does not have write access to /tmp or the directory named in the DBTEMP environment variable, or the disk may be full. Since Version 5.01, the DBTEMP environment variable is used by the INFORMIX-SE database server but not by the INFORMIX-OnLine Dynamic Server.

1.3248-844

INFORMIX-SQL was unable to allocate a memory buffer large enough to hold this statement. You will have to find a way to shorten the statement or run it in two or more parts.

1.3249-845

This database does not contain the sysmenus table, or it is empty, or possibly the top-level menu is not named main. Make sure you are using the database you intended. Consult with the person who defined the user menus for this database.

1.3250-846

The LOAD processor determines the number of values in the load file by counting the delimiters in the first line of the file. There must be one delimiter for each column in the table, or each column in the list of columns if one is specified. Make sure that you specified the file that you intended, and that it uses the correct delimiter character. If you are in doubt about this point, specify the delimiter in the LOAD command.

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1.3251-847

There is a problem with the data on the indicated line of the load data file. The operation stopped after inserting lines up to but not including the line noted (number-1 rows have been inserted). If this operation is inside a transaction, roll back the transaction. If not, you will have to either delete the inserted rows from the table or remove the used lines from the file before repeating the operation. To correct the file, look for additional error messages that may help isolate the problem. Possibly there are not enough, or too many, fields (delimiters) on the indicated line. Possibly there is a data conversion problem, for example non-numeric characters in a numeric field, an improperly-formatted DATETIME value, or a character string that is too long. Possibly there is a null (zero-length) field in a column where nulls are not allowed. Edit the load file to correct the problem; look for similar problems in following lines; then repeat the operation.

1.3252-848

You asked for a form specification to be compiled, but the form compiler reported one or more errors. Correct the errors in the form specification and repeat the operation. The error messages can be found in the formname.err file.

1.3253-849

You asked for a form specification to be compiled and it was done, but the form compiler reported one or more warnings. It is not essential to correct a warning before trying the form, but it is recommended. The error messages can be found in the formname.err file.

1.3254-850

Only the user who created the sysmenus table in this database can modify the menu structure. That is the person who first selected the Modify option of the User-Menu display while this database was current. You can find out who that person is by querying systables as follows.

```
SELECT owner FROM systables WHERE tabname LIKE 'sysmenu*'
```

If this is not appropriate, ask that person to drop the sysmenus and sysmenuitems tables, and then have the person who should maintain the menus re-create them.

1.3255-851

You requested that a file be dropped, but it could not be dropped, probably because your account does not have write permissions on it or on the directory in which it is stored. Use operating system commands to check the file permissions.

1.3256-852

After writing count lines of output to the unload file, an error occurred trying to write the next line. Look for operating system messages that might give more information. Possible causes include a full disk or a disk quota limit.

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1.3257-853

While executing SQL statements from a command file, INFORMIX-SQL received an error return code, or else reached the end of the file and found no COMMIT WORK statement. Since a transaction was in progress (either the file contained BEGIN WORK or the database is ANSI-compliant), INFORMIX-SQL rolled the transaction back. (It cannot leave the transaction open and it cannot assume success even when no error was returned.)

1.3258-854

In DOS, the application cannot establish a connection to the local INFORMIX-SE engine or to the INFORMIX-NET PC communications module.

The SE engine (for accessing a local database) or the INFORMIX-NET PC communications module (for accessing a remote database) must be loaded before trying to connect to it by means of, for example, a DATABASE statement. To load the SE engine, run PSTARTSQ. To load the INFORMIX-NET PC communications module, run REMSQL.

If the SE engine or the INFORMIX-NET PC communications module has previously been loaded and you get this error message, either another application currently has a connection to the SE engine or the INFORMIX-NET PC communications module (they can have only one connection at a time) or the current application has encountered an internal error and lost the connection.

If another application has a connection to the SE engine or to the INFORMIX-NET PC communications module, you must first release that connection before you can connect the current application. If the other application is a 4GL or an ESQL/C program, that application releases its connection by executing a CLOSE DATABASE, by calling the SQLEXIT( ) function, or by exiting.

In extreme situations where an internal error has occurred, you must exit the application and kill the SE engine or the INFORMIX-NET PC communications module from the DOS command line. To kill the SE engine, run PSTARTSQ with the -T option. After killing the SE engine, you should reload it by running PSTARTSQ with no options.To kill the INFORMIX-NET PC communications module, run SETNET with the -T option. After killing the INFORMIX-NET PC communications module, you should reload it by running REMSQL.

This error message also might appear when a client Windows application uses the wrong .DLL file to connect to a database server across a network. Client Windows applications that work with INFORMIX-NET PC Version 4.1 (such as 4.1 ESQL/C) can also work with INFORMIX-NET for Windows Version 5.01. Check to see whether INFORMIX-NET PC Version 4.1 and INFORMIX-NET for Windows Version 5.01 reside on the same client computer concurrently. If this is the case, make sure that the 5.01 version of the LDLLSQLW.DLL file appears in your PATH environment variable setting before the 4.1 version of the LDLLSQLW.DLL file. In addition, the 4.1 version of the LDLLSQLW.DLL file must not reside in the current directory, the

MS-Windows directory, the MS-Windows \ SYSTEM directory, or the directory that contains the executable file of the application you are running.

1.3259-855

You tried to use the ALTER TABLE . . . DROP syntax to drop the rowid column on a table that is not fragmented. A nonfragmented table has a rowid column, but it cannot be dropped.

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1.3260-856

A rowid column already exists for the specified table. You cannot create a rowid for a table more than once. Change your SQL statement.

1.3261-857

You cannot drop a nonexistent rowid. You have specified a rowid that does not exist in the specified table. Avoid using rowids in your SQL statement. Instead, use a primary key for deleting data.

1.3262-858

You specified the same dbspace more than once in a fragmentation specification. Change the fragmentation specification so that different dbspaces are used for each fragment.

1.3263-859

You cannot specify the DISTRIBUTIONS ONLY option in the LOW mode of the UPDATE STATISTICS statement.

1.3264-861

See the accompanying ISAM error for more information.

1.3265-862

You have not specified a table to be consumed. See the syntax and usage for ALTER FRAGMENT . . . ATTACH in the Informix Guide to SQL: Syntax.

1.3266-863

You must first drop rowids before using ALTER FRAGMENT . . . DETACH. See the syntax and usage in the Informix Guide to SQL: Syntax.

1.3267-864

You must first drop the rowids on the surviving table before you attach the table.

1.3268-865

You must use separate commands to add or drop rowids with an ALTER TABLE . . . ADD or ALTER TABLE . . . DROP statement.

1.3269-866

Before using an ALTER FRAGMENT . . . ATTACH statement, you must drop any serial fields or modify the column type.

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1.3270-867

See the accompanying ISAM error for more information. A table cannot hold more than 2 gigabytes of records if it has serial or rowid columns.

1.3271-868

You cannot attach a table if there are check, referential, or primary key constraints on the surviving table. Drop any check or referential constraints, attach the table, then recreate the check or referential constraints if they are strictly necessary.

1.3272-869

A fragmentation expression can reference only columns from the current table and data values from a single row. The restrictions disallow subqueries, stored procedures, and so on.

1.3273-870

You specified duplicate remainder fragments. Remove one of the remainder fragments from your SQL statement.

1.3274-871

If you specify a REMAINDER, it must be the last fragment expression. Rewrite your syntax so that you specify the remainder fragment last.

1.3275-872

Unique indexes cannot be fragmented by the round-robin method. If the indexes are fragmented by the expression method, then all the columns that are used in the fragmentation expressions must also be part of the index key.

1.3276-873

You cannot use columns from different tables in a fragment expression.

1.3277-874

This is an internal error affecting the cost calculations made by the query optimizer. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.3278-875

If you set the access mode to READ-WRITE, you cannot set the isolation level to READ-UNCOMMITTED.

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1.3279-876

When a transaction is active, do not issue a SET TRANSACTION statement. A transaction becomes active when a DDL or a DML statement is issued. The only statements that can be placed between the BEGIN WORK and the SET TRANSCATION statements are SET statements such as SET EXPLAIN, SET CONSTRAINT, SET DATASKIP, and so on.

1.3280-877

Your program attempted to reset the isolation level established by a preceding SET TRANSACTION statement. Do not use a SET ISOLATION statement following a SET TRANSACTION statement.

1.3281-878

You specified a READ-ONLY transaction in a SET TRANSACTION statement, and then attempted to alter the database. In other words, READ-ONLY ensures that you can read data, but you cannot alter data. If you want to alter the data, specify READ WRITE in the SET TRANSACTION statement. If you only want to read the data, correct your program so it does not attempt to alter the data.

1.3282-879

The TRIM function evaluated to NULL. However, the TRIM character value expression must be null or contain a single character. Your program is incorrectly written. Every time the TRIM function evaluates to NULL, the value your program inserts into the TRIM character value expression is not null or contains more than one character. Correct, recompile, and rerun your program.

1.3283-881

The TRIM function returned a string whose length did not span a range from 1 to 255 characters. The TRIM function returns a VARCHAR string. A VARCHAR string must have a length ranging from 1 character to 255 characters. Make sure the TRIM function returns strings whose length is within that range.

1.3284-882

You tried to use the ALTER TABLE . . . ADD syntax to add a rowid column to a table that is not fragmented. This is not valid usage because, if a rowid column already exists, rowids already exist on non-fragmented tables.

1.3285-883

A fragmentation expression in your program is invalid. Check the expression and correct it. Check the logic of that expression. Also, some components of that expression may not represent existing or defined elements such as columns, hash values, ranges, index key values, and so on.

1.3286-884

Your program attempted to alter an index on a temporary table. Correct your program to avoid altering indexes on temporary tables.

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1.3287-885

You attempted to pass an invalid or NULL value to the dbinfo() function. Make sure you pass a valid or non-null value to the dbinfo() function.

1.3288-886

When you issue a DROP TABLE or DROP VIEW statement, you cannot drop the table or view if you specify the RESTRICT option and a view or foreign-key constraint exists that depends on that table or view.

You also cannot drop a table if you specify the RESTRICT option and a violations and diagnostics table exist for that table.

1.3289-887

You cannot REVOKE a privilege using the RESTRICT option if that action will cause abandoned privileges, abandoned views, or abandoned table constraints. Refer to the Informix Guide to SQL: Tutorial for more information.

1.3290-888

You attempted to attach a table that had constraints. Remove all primary key and referential constraints from that table and then attempt an attach.

1.3291-889

This is an internal error. If the problem recurs, please note all circumstances and contact the Informix Technical Support Department.

1.3292-891

You cannot change the object mode of a temporary table object to the disabled or filtering object mode.

1.3293-892

Other objects are using this object. If the object being disabled is an index, then a unique constraint, primary constraint, or referential constraint might be using that object. If the object is a unique or a primary-key constraint, then a referential constraint might be using that object.

1.3294-893

The user has issued a SET statement to set a database object to the enabled or filtering object mode, or the user has issued a CREATE INDEX, CREATE TRIGGER, or CREATE TABLE statement to create a database object in the enabled or filtering object mode. However, this object needs other disabled objects. For example, before enabling a referential constraint on a table, the user must first enable the indexes that the constraint needs.

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1.3295-894

The object name that the user specified explicitly in the SET statement is not found in the database.

1.3296-895

The user has issued a START VIOLATIONS TABLE statement for a target table. The database server is not able to create the violations and diagnostics tables for this target table. Any one of the following situations can be the reason for the failure:

- The target table already has a violations and diagnostics table.
- The names specified for the violations and diagnostics table in the START VIOLATIONS TABLE statement are not valid. For example, if you omitted the USING clause from the statement and the number of characters in the target table name plus four characters is longer than the maximum identifier length, the generated names of the violations and diagnostics tables would be longer than the maximum identifier length. If the names of the violations and diagnostics tables are invalid for this reason, the user can rectify the problem by giving explicit names to the violations and diagnostics tables in the USING clause of the START VIOLATIONS TABLE statement.
- The names that were specified for the violations and diagnostics tables in the START VIOLATIONS TABLE statement match the names of existing tables in the database.
- The target table contains columns with the names informix_tupleid or informix_optype. Because these two column names would duplicate the informix_tupleid or informix_optype columns in the violations table, the database server cannot create the violations table.
- The target table is a temporary table.
- The target table is serving as a violations or diagnostics table for some other table.
- The target table is a system catalog table.

1.3297-896

If a violations and diagnostics table have not been started for the target table, and an INSERT, DELETE, or UPDATE statement fails to satisfy any filtering-mode object on the target table, the user who issued the INSERT, DELETE, or UPDATE statement receives this message.

To recover from this error, you must start a violations and diagnostics table for the target table. Then, when users issue INSERT, DELETE, or UPDATE statements that fail to satisfy filtering-mode objects defined on the table, they do not receive this message.

1.3298-897

The user has tried to alter or drop a table that is serving as a violations table or a diagnostics table for another table.

1.3299-898

The user has tried to add, drop, or modify a column in a table that has a violations and diagnostics table associated with it.

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1.3300-899

The number of records in the diagnostics table either exceeds or will exceed the limit specified in the MAX ROWS clause of the START VIOLATIONS TABLE statement. When a single statement on the target table (such as an INSERT or SET statement) causes more records to be inserted into the diagnostics table than the limit specified by the MAX ROWS clause, this error is returned to the user who issued the statement on the target table.

1.3301-9

An operating-system error code with the meaning shown was unexpectedly returned to the database server. Look for other operating-system error messages that might give more information. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.3302-9001

Either you have attempted to subscript, or apply the CLIPPED function to, a non-character variable; or else you specified a variable to have the wrong data type.

1.3303-9002

An internal ACEGO error has occurred. Make sure that your report was compiled by a version of ACEPREP at the same version level as ACEGO. If that is the case, recompile the report to make sure the .arc file is not corrupted. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.3304-9003

The format string specifying the display of a number contains more than one decimal point. Remove all but one of the decimal points. Refer to the discussion of the USING function in the reference manual.

1.3305-9004

The name shown cannot be related to either a column in a database table or a defined variable. Check its spelling. If you meant it to be a variable, add it in the DEFINE section. If you meant to name a column in the database, check to see if the table has been altered or its columns have been renamed.

1.3306-9014

flags:

-q SACEGO will not print any messages or errors

-d SACEGO will use the database name that follows the -d option instead of the database name specified in the DATABASE section of the report specification.

This message is displayed when ACEGO is not given appropriate command-line arguments. There may be other messages saying explicitly what it is complaining about. Incidentally, you may use the -s option, as described in the manual, in place of -q as shown in the message; they have the same

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effect.

1.3307-9025

The name displayed appears after the words ORDER BY, but it is not the name of a column or the display label of an expression selected in this statement.

1.3308-903

This statement refers to another host computer system, and that system is active and accessible. However, the sqlexecd network daemon has not been started on it, so no database services can be gotten from it. Contact the DBA of the other system. Make sure the INFORMIX-STAR or INFORMIX-NET software is correctly installed.

1.3309-904

This message indicates that the installation of the Informix networking software was not completed correctly. Review the installation steps on the workstation and on the network server(s) to make sure that it was completed without error.

1.3310-9046

The report was directed to the destination shown, either with a REPORT TO statement or through the contents of the DBPRINT environment variable. Make sure that the destination was spelled correctly. Verify that your account has operating system permissions to write the destination file and that the destination disk is writable and not full.

1.3311-9047

The likely cause is that your account does not have write permission in that directory, or that the disk is full, or that you have exceeded a limit on open files.

1.3312-9048

The report was directed to the pipe shown in the REPORT TO statement. Make sure that all program names in it are correctly spelled; that the programs exist; and that they can be found on the current execution path. Look for other messages from the operating system which might indicate the source of trouble — for example, a message saying that there was not enough system memory.

1.3313-9049

One of the values from the command line w-9052 as defined in a PARAMETER statement in the DEFINE section as having data type type. However, the value actually given on the command line cannot be converted to that type. Check the following points:

- If type is numeric, that the parameter can be read as a number.
- If type is MONEY, the parameter should nevertheless not include a currency symbol.
- If type is CHARACTER or VARCHAR, the parameter is not longer than the length defined for the variable.

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- If type is DATETIME, that the parameter is correctly punctuated (refer to the appendix on DATETIME and INTERVAL data in the user guide).
- If type is DATE, that the parameter is correctly punctuated as a date.
- Note that correctly-punctuated DATE, DATETIME and INTERVAL values contain characters that may have special meaning to the operating system. The problem may be that the parameter was correct but needed quotes around it to protect it.

1.3314-905

The INFORMIX-STAR or INFORMIX-NET software has not been properly installed on this system. In particular, entries in the system configuration file /etc/services (UNIX) or \etc\services (DOS) have not been made. Contact the person who installs your Informix software.

1.3315-9050

A value was entered in response to a PROMPT statement, which stores the value in a variable of the name and type shown. However, it was impossible to convert the entered value to the data type of the variable (see the discussion of error -9049 for details on conversion). Rerun the report and enter appropriate data (also consider revising the prompt string to better guide the user.)

1.3316-9051

The number of parameters defined using PARAMETER statements in the DEFINE section does not agree with the number of items given as parameters on the command line. Check that parameters which contain spaces or other special characters are enclosed in quotes; the lack of quotes can cause a single parameter to be taken as more than one.

1.3317-9052

There is a limit on the size of the format string presented to the USING function.

1.3318-9053

The versions of ACEPREP and ACEGO must agree. (To check the version of either program, run it from the command line giving the -v option.) Recompile the report using a version of the compiler, ACEPREP, identical to the version of the runner, ACEGO. If this is already the case, recompile the report anyway to ensure that the .ace file has not been corrupted. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.3319-9054

The versions of ACEPREP and ACEGO must agree. (To check the version of either program, run it from the command line giving the -v option.) Recompile the report using a version of the compiler, ACEPREP, identical to the version of the runner, ACEGO. If this is already the case, recompile the report anyway to ensure that the .ace file has not been corrupted. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

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1.3320-9055

The report filename was named on the ACEGO command line. It expects to locate the file filename.arc in the current directory or a path named in the DBPATH environment variable, but either could not find it or could not open it for reading. Check that the file name was spelled correctly and that your account has read access to it.

1.3321-9059

The SELECT section of the report may contain more than one SELECT statement. However, only the last one of these may produce the rows that are the report contents. The preceding SELECT statements are used to prepare data in temporary tables which the final statement delivers to the report. Change the report specification so all but the last SELECT statement contain INTO TEMP clauses.

1.3322-906

INFORMIX-NET is searching for the database requested in the current statement. It is using the entries in the DBPATH environment variable and is trying one which, by use of / / sitename, specifies a directory on another computer system. That system cannot be accessed. Review the setting of the DBPATH environment variable. Make sure that any other systems it specifies have got INFORMIX-STAR or INFORMIX-NET installed and active. (This message appears in versions prior to Version 6.0.)

-906 Cannot locate database server (check DBPATH).

A server name specified in your DBPATH environment variable is invalid. Make sure that each server name listed in your DBPATH setting is valid and is no longer than 18 characters. (This message appears starting with Version 6.0.)

1.3323-9060

A column substring in the ORDER BY clause is incorrect. When taking a substring of a column, the first number in brackets specifies the position of the first character, and second number specifies the position of the last character of the substring. Both numbers must be at least 1 and not greater than the total length of the column or variable.

1.3324-9061

The SELECT section of the report may contain more than one SELECT statement. The last (or only) one of these must produce the rows that are the contents of the report. Any preceding SELECT statements are used to prepare data in temporary tables which the final statement delivers to the report. Change the report specification so all but the last SELECT statement contain INTO TEMP clauses.

1.3325-9062

The conversion of a numeric value to character produced more numeric characters than the destination could hold. Rather than truncate the result, ACEGO stops with an error. You can either redefine the destination variable, or you can limit the size of the converted value, for example with a USING format string.

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1.3326-9063

The DEFINE section of the report contains a FUNCTION statement indicating that an external function name would be linked with the report. (The use of external C functions with ACE reports and PERFORM screens is covered in the ESQL/C manual.) However, the name and address of each such function must appear in a static array named userfuncs. That array, along with the machine code of the external functions, is linked with a custom version of ACEGO. Since name did not appear in the array, ACEGO cannot call it.

Check that you are executing the correct, customized version of ACEGO (the original version of the program has no external functions linked to it). Check to see if name is correctly spelled. Then examine the source of the C functions to make sure that the userfuncs array is defined correctly and that it contains an entry for name.

1.3327-9064

The data space available for temporary characters strings is full. Temporary strings are built when calling external C functions and when processing the USING, SPACE and ASCII built-in functions. Reduce the use of these things.

1.3328-9065

ACEGO was unable to allocate memory to hold a row, a line, or an SQL data structure. The space needed is not (as the message text suggests) directly related to the size of the report specification. The report lacks only a few thousand bytes, at most, to run.

1.3329-9066

The report destination was opened correctly, but while output was being written the operating system reported an error. Look for error messages from the operating system explaining the problem. The most common error is to fill up the available disk space.

1.3330-9067

Reduce the complexity of the arithmetic expression. One way to do this is to divide the expression into subexpressions, assigning the values of each to a variable.

1.3331-9068

Possibly the word SELECT has been misspelled in the report specification. If you intentionally wrote another SQL statement such as UPDATE or INSERT, remove it; only SELECT statements are permitted in reports. (You can execute other SQL statements in a C function called from a report. Linking external C functions with reports is discussed in the ESQL/C manual.)

1.3332-907

INFORMIX-STAR or INFORMIX-NET is trying to access another computer system and is unable to create a connection. Contact your system administrator and ask for a check that TCP/IP is correctly installed and functioning.

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1.3333-9070

A "field" in the ASCII file is a sequence of zero or more characters ending in a delimiter character (the delimiter is specified in the READ statement). Effectively, there are as many fields as there are delimiter characters in each record. The number of fields must be the same in each record, and each field must be defined in an ASCII statement in the DEFINE section of the report. Extra fields are not ignored. Look for message -9072; it will help you locate the record in error.

1.3334-9071

A "field" in the ASCII file is a sequence of zero or more characters ending in a delimiter character (the delimiter is specified in the READ statement). Effectively, there are as many fields as there are delimiter characters in each record. The number of fields must be the same in each record, and each field must be defined in an ASCII statement in the DEFINE section of the report. There is no default for missing fields. Look for message -9072; it will help you locate the record in error.

1.3335-9072

This is an informational message to help you locate the source of a problem in the ASCII input file. The problem described in another message was found in the count line of the file.

1.3336-908

The program or application is trying to access another database server and has failed. Note the server name in the current statement. Note also the connection error number and/or system error number shown in the message.

The desired database server is unavailable, or the network is down or is congested. Ask your DBA and system administrator to verify that the server and network are operational. If the network is congested, use the environment variables INFORMIXCONTIME and INFORMIXCONRETRY to tune connection timing. See Chapter 4 in the Informix Guide to SQL: Reference for information on setting these environment variables.

This message appears starting with Version 6.0.

-908 Attempt to connect to remote system failed.

INFORMIX-STAR or INFORMIX-NET is trying to access another computer system and has failed. Note the sitename in the current statement. Start your daemon with a log file and check for operating system errors in the log file. If this is inconclusive, contact your system administrator and ask for a check that the network is operational and that the particular site is active.

This message appears in database servers prior to Version 6.0.

1.3337-909

This statement seems to refer to a database from another database server, but the database name, the site name or server name, or the punctuation is incorrect. Review the statement and make sure that all identifiers start with a letter (or underscore, starting with Version 6.0) and contain only letters, digits, and underscores, and that the reference is in the form dbname@sitename or //sitename/dbname (before Version 6.0), or dbname@servername or //servername/dbname (starting with Version 6.0). If you are using INFORMIX-OnLine for NetWare, check that you provided the remote

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database name in one of the forms explained in the product manual.

1.3338-910

This CREATE DATABASE statement cannot be carried out because the database server in your workstation and the one in the other computer system are different products: one is OnLine and the other is INFORMIX-SE. While you can manipulate databases in this configuration, you cannot create one. To create a database, either start the same product in both locations, or run this command locally in the other computer system. The SQLEXEC environment variable (for database servers before Version 6.0) determines which database server your application uses.

1.3339-911

This is an internal error that reflects a failure in communication between your application and the INFORMIX-STAR or INFORMIX-NET software. Look for operating system error messages that might give more information. Restart the application. If the problem recurs, please note all circumstances and contact the Informix Technical Support Department.

1.3340-912

There is a failure in the network. Look for operating system error messages that might give more information. Try restarting the application. If the problem recurs, contact your system administrator and ask for network diagnostics to be run.

1.3341-913

There is a failure in the network. Look for operating system error messages that might give more information. Restart the application. If the problem recurs, contact your system administrator and ask for network diagnostics to be run.

1.3342-914

This is an internal error that reflects a failure in communication between your application and the INFORMIX-STAR or INFORMIX-NET software. Look for operating system error messages that might give more information. Restart the application. If the problem recurs, please note all circumstances and contact the Informix Technical Support Department.

1.3343-9140

An expression on line number of the report specification file contains a division operation. At some point in the report run, the divisor in the expression was zero. Examine the expression and the data it uses, and write the report so that division by zero will not occur (for example, by testing for zero in an IF statement). This error can result from applying an aggregate function to a defined variable before the first row of data is processed. To avoid this, make sure that any variable has a value before it is used, for example by setting it from a command-line parameter or with a PROMPT FOR statement.

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1.3344-9142

ACEGO is trying to convert from characters into a DATE data type and has found an error. Either the date is not punctuated correctly, or there are unwanted nonnumeric characters, or the date itself is inconsistent, for example "01/32/91".

1.3345-9143

The USING function can only be applied to numeric data. Revise the report specification.

1.3346-915

This CREATE DATABASE statement cannot be carried out because the database server in your workstation and the one in the other computer system are different products: one is OnLine and the other is INFORMIX-SE. While you can manipulate databases in this configuration, you cannot create one. To create a database, either start the same product in both locations, or run this command locally in the other computer system. The SQLEXEC environment variable determines which database server your application uses (for database servers prior to Version 6.0).

1.3347-916

The database server you tried to access, or a path specified in your DBPATH environment variable, is located on an NFS-mounted file system. However, the database server or client application encountered an error accessing the NFS-mounted table file /etc/mtab (or, on some operating systems, /etc/mnttab). This probably occurred because your account does not have read permission for the file. Contact your system administrator and have the file made readable to public.

This message appears beginning with Version 6.0.

-916 Cannot open /etc/mtab.

The database server needs to verify the location of a file system, which it does by checking the system configuration file /etc/mtab. However, it got an error when trying to read that file, probably because your account does not have read permission for it. Contact your system administrator and have the file made readable to public.

This message appears in versions prior to Version 6.0.

1.3348-917

This statement (DATABASE or CREATE DATABASE) requires opening a different database. However, the current database is located on another computer system, and for that reason you must explicitly close it with the CLOSE DATABASE command. (When you work with databases located in the same computer as your application program, the database server will close the current database for you automatically in this case.) If this error is received by a program, review the program logic and make sure it executes a CLOSE DATABASE statement before a [CREATE] DATABASE statement. This will work in all situations, networked or local.

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1.3349-918

This is an internal error that reflects a failure in communication between your application and the INFORMIX-STAR or INFORMIX-NET software at another site. Restart your application. If the problem recurs, ask your system administrator to run network diagnostics. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.3350-919

This is an internal error that reflects a failure in communication between your application, INFORMIX-STAR or INFORMIX-NET software, and the database server in the other computer system. First make sure that all three of these software components are at compatible software levels. (For versions prior to Version 6.0, see the appropriate INFORMIX-NET/ INFORMIX-STAR Installation and Configuration Guide for a compatibility chart). Recompile and relink your application program if necessary. If the problem recurs, please note all circumstances and contact the Informix Technical Support Department.

1.3351-921

This is an internal error that reflects a failure in communication between your application, INFORMIX-STAR or INFORMIX-NET software, and the database server in the other computer system. First make sure that all three software components are at compatible software levels. (For versions prior to Version 6.0, see the appropriate INFORMIX-NET/ INFORMIX-STAR Installation and Configuration Guide for a compatibility chart). Recompile and relink your application program if necessary. If the problem recurs, please note all circumstances and contact the Informix Technical Support Department.

1.3352-922

There is something wrong with the current working directory, in this system or in another computer system which your application is using. Possibly your account does not have read access to the directory, or possibly the file system that contains it is improperly mounted. Exit your application and retry. If the problem persists, see your system administrator for assistance.

1.3353-923

This version of the Informix product is not licensed for network use. Locate the version of the software that is licensed for use with INFORMIX-STAR or INFORMIX-NET and reset your INFORMIXDIR environment variable and the SQLEXEC environment variable (for database server versions prior to 6.0) to point to it.

1.3354-924

If you have only installed an INFORMIX-NET NET station package on your client machine, you cannot access locally resident databases. If the database you are attempting to access is not locally resident, enter the command again specifying a sitename with the database name, or set your DBPATH environment variable to indicate searches only in specific sites. If you wish to use your Informix product to access both local and remote databases, please contact your Informix representative for details on purchasing the appropriate Informix product.

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1.3355-925

The protocol type shown in the $INFORMIXDIR/etc/sqlhosts file on OnLine, or in \INFORMIX \etc\sqlhosts on INFORMIX-OnLine for NetWare, should be tcp.

1.3356-926

This statement refers to a database in a different database server, for example, by qualifying the name of a table with dbname@sitename:table. However, this version of OnLine is not licensed for such use. Using this version, you can refer only to tables in databases that are all in the same database server. Contact your Informix representative to find out about upgrading this database server to full INFORMIX-STAR status. If you believe that you have INFORMIX-STAR installed, then check the contents of the INFORMIXDIR environment variable. If you are using INFORMIX-OnLine for NetWare, you cannot access tables or databases on remote systems unless you have INFORMIX-NET PC.

1.3357-927

This statement contains references to more sites than the database server can cope with. The limit on different sitenames that may appear in one statement, through Version 4.1, is 32 (later versions may allow more). Review the statement and make sure that only necessary sites are named. If so, revise the operation to use fewer sites; for example, by selecting some data into a local, temporary table.

1.3358-928

This statement refers to a database in a different computer

system, for example, by qualifying the name of a table with dbname@sitename:table. However, the version of OnLine active at sitename is not licensed for such use. This indicates an error in the setup of the other computer system: it was configured for network access but the wrong database server was started. Contact the network administrator and ask for a check of the environment variables when starting the sqlexecd daemon.If you are using INFORMIX-OnLine for NetWare, you tried to access a table on an OnLine system that is not licensed for remote access; you can only access other INFORMIX-NET PC systems.

1.3359-930

The application is trying to access another computer system and has failed. Note the server name in the current statement. Ask your network administrator and DBA to check that the network is operational and that the particular database server is active. This message appears starting with Version 6.0.

-930 Cannot connect to remote host sitename.

INFORMIX-STAR or INFORMIX-NET is trying to access another computer system and has failed. Note the sitename in the current statement. Contact your network administrator and ask for a check that the network is operational and that the particular site is active. This message appears in database servers prior to Version 6.0.

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1.3360-932

This internal error reflects a failure in communication between your application and the network software (INFORMIX-STAR, INFORMIX-NET, INFORMIX-NET for Windows, and so on) at another site. Restart your application. Look for operating-system messages that might give more information.

If you are using INFORMIX-NET for Windows, a Windows Sockets problem might exist; check your Windows Sockets 1.1 documentation for more information. Check the sqlerrm field of the sqlca structure for the particular Windows Sockets message.

In the context of ASCL, this error might indicate problems with entries in your registry (Windows) or your INFORMIXSQLHOSTS file (UNIX). Verify that the Application Server Name, SERVICE and HOST entries are correct.

If the problem recurs, ask your network administrator to run network diagnostics. If the error recurs, please refer to the "OnLine Administrative Guide," Appendix B, 'Trapping Errors' to acquire additional diagnostics. Contact Informix Technical Support with the diagnostic information.

1.3361-933

The DBNETTYPE environment variable is used on certain machines to distinguish which network protocol to use when there are two protocols available. The value currently set in it is not a supported one. Display the variable and make sure it is set correctly. For versions prior to Version 6.0, refer to the INFORMIX-NET/ INFORMIX-STAR Installation and Configuration Guide for the correct setting. If you are using INFORMIX-OnLine for NetWare, set DBNETTYPE to starlan, tcp/ip, or some other supported network.

1.3362-934

This statement uses data from another computer system, and the connection has been lost. Roll back the transaction and try again after reestablishing the connection.

1.3363-935

You are trying to connect to a database server with the indicated servicename via the IPX/ SPX network protocol on a system with portable INFORMIX-OnLine for NetWare. The client application, INFORMIX-NET or INFORMIX-STAR, is not able to determine the IPX address associated with the specified servicename. Possible reasons include: the servicename is misspelled in your sqlhosts file, the sqlexecd daemon or the OnLine database server is not running, or the portable INFORMIX-OnLine for NetWare software is not operating properly. Verify the service name in your sqlhosts file. Ask your DBA or system administrator to verify that the sqlexecd daemon, the database server, and the portable INFORMIX-OnLine for NetWare software are operational.

1.3364-936

An attempted connection to a remote host failed. Check the name of the connection specified in your particular connection statement (In other words, CONNECT, DATABASE, and so on.) to make sure you correctly specified the name or path of the connection. Check for incorrect spelling. Check for the wrong connection_name.

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1.3365-9500

This statement takes a substring of a character variable. The substring values, that is, two numbers in square brackets, are incorrect. The first is less then zero or greater than the length of the column, or the second is less than the first. Correct the form specification and recompile.

1.3366-9503

Check that the table name is correctly spelled. If so, the table tablename may not exist in the database (it might have been dropped or renamed); or if it exists, your account may not have SELECT access to it. Alternatively, if you are using the INFORMIX-SE database server, you may have exceeded the limit on open files, which can limit the number of tables you may name in a SELECT statement. In this case you may have to revise the SELECT section of the report so as to use more SELECT statements each of which names fewer tables. (This message is not current. Products after Version 4.0 do not issue it.)

-9503 PRINT FILE filename could not be opened.

The file shown could not be opened for output. Look for operating system error messages that may give more information. Possible causes include a lack of the correct permissions for the file or directory, and a full disk.

1.3367-9504

The input to the ASCII function must be a number between 0 and 255. Examine the use of this function in the report specification. If the improper value number came from a command-line parameter, you might consider testing it with an IF statement.

1.3368-951

The database server you tried to access does not accept either your user id, the login name specified for the desired server host in your ~/.netrc file, or the user name specified in the USER clause of a CONNECT statement. If you are explicitly specifying your user name in the ~/.netrc file or in a CONNECT statement, make sure that the name is correct. If you do not have a valid user id on the server machine, see your system administrator.. (This message appears beginning with Version 6.0.)

-951 User is not known on remote host.

This statement refers to a database on another computer system, but your account name is not accepted by the other system. You must have a valid login identity on any computer system you access. See your network administrator about getting a login id. (This message appears in versions prior to Version 6.0.)

1.3369-952

The password specified for the server computer in your ~/.netrc file or in the USER clause of a CONNECT statement is incorrect. The database server does not accept (or cannot find) your account password. Make sure that your password is specified correctly and try again. (This message appears beginning with Version 6.0.)

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-952 Incorrect user password for remote host.

The database server resides on another computer system that does not accept (or cannot find) your account password. Verify that your password is correctly entered in the appropriate authorization or password file. (This message appears in versions prior to Version 6.0.)

1.3370-953

The network server was unable to start the database server

thread. The most common cause for this is a failure to define the INFORMIXDIR environment variable, by root, at the time the database server process was started. Contact your network administrator and ask that the database server process on the remote system be restarted with a valid path to the informix software. (This message appears beginning with Version 6.0.)

-953 Remote host could not exec sqlexec program.

The network daemon, sqlexecd, in the other computer system was unable to start the database server process. The most common cause for this is a failure to define the INFORMIXDIR and SQLEXEC environment variables, by root, at the time the daemon was started. Contact your network administrator and ask that the daemon on the remote system be restarted with a valid path to the informix software. (This message appears in versions prior to Version 6.0.)

1.3371-954

The computer in which your application is running is not known to the computer you are trying to access. Contact your network administrator and ask that your machine be made known. The usual way of making a machine known is through the configuration file /etc/hosts.equiv on the other system. Refer to the INFORMIX-NET/ INFORMIX-STAR Installation and Configuration Guide. (This message appears in versions prior to Version 6.0.)

-954 Client is not known to database server.

The machine on which your application is running is not known to the database server that you are trying to access. Contact your network administrator and ask that your machine be made known, most likely through the configuration file /etc/hosts on the other system. (This message appears beginning with Version 6.0.)

1.3372-955

This is an internal error that reflects a failure in communication between your application and the INFORMIX-STAR or INFORMIX-NET software at another site. Restart your application. Look for operating system messages that might give more information. If the problem recurs, ask your network administrator to run network diagnostics. If the error recurs, please note all circumstances and contact the Informix Technical Support Department. (This message appears in versions prior to Version 6.0.)

-955 Database server could not receive data from client.

This is an internal error that reflects a failure in communication between your client application and the database server software at another site. Restart your application. Look for operating system messages that might give more information. If the problem recurs, ask your DBA to run network diagnostics. If the error recurs, please note all circumstances and contact the Informix Technical

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Support Department. (This message appears beginning with Version 6.0.)

1.3373-956

This operation cannot be completed because the name of the client machine (the local host, whose name is returned by the hostname command) is not recognized by the specified remote machine. Client names are normally recorded in the configuration file /etc/hosts.equiv. The rhosts file on the remote machine may also need modification. For more information on these files and the relation between them, try man rhosts on a UNIX system. See the remote host administrator; ensure that the client host name is specified in the remote host's /etc/hosts.equiv file. (This message appears in versions prior to Version 6.0.)

-956 Client client-name or user is not trusted by the database server.

The client computer or your user id is not considered trusted by the desired database server. Ask the system administrator to include the client computer as a trusted host and/or your user id as a trusted user in the /etc/hosts.equiv file on the server computer or in the .rhosts file in your home directory on the server computer. See the UNIX manual pages regarding HOSTS.EQUIV(5) for more information.

Alternatively, you can explicitly specify your user name and password in the USER clause of a CONNECT statement or in the .netrc file in your home directory on the client computer. See the Informix Guide to SQL: Syntax for information on the CONNECT statement, and the UNIX manual pages regarding NETRC(5) for information on the .netrc file. (This message appears beginning with Version 6.0.)

1.3374-971

The user has attempted to change the object mode of a disabled constraint or disabled unique index to the enabled or filtering mode, but the SET statement fails because the table contains data that violates the constraint or the unique-index requirement. If a violations table has been started for the table that contains the inconsistent data, this message is returned to the user. The message is returned whether or not the SET statement included the WITH ERROR option.

Similarly, when an INSERT, DELETE, or UPDATE statement causes some records to be added to the violations table because the statement violates a filtering mode object, this message is returned to the user if the following two conditions are true:

- The SET statement or CREATE statement that specified the filtering object mode for the object included the WITH ERROR option.
- No other errors have been encountered during the execution of the INSERT, DELETE, or UPDATE statement.

1.3375-973

The user has issued a statement that attempts to insert rows from the violations table into the target table. For example, the user enters the following statement:

```
INSERT INTO mytable SELECT * FROM mytable_vio
```

If the target table has some filtering mode objects, this error is returned to the user. The user can recover in any of the following ways:

- Set the object mode of the filtering objects to some other mode.

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- Stop the violations table.
- Insert rows from the violations table into a temporary table, and then insert rows from the temporary table into the target table.

1.3376-974

The user has issued a command to drop a NOT NULL constraint on a column that has a SERIAL data type. Such constraints can be disabled, but they cannot be dropped before the column is dropped.

1.3377-975

The user has tried to create a new object in an object mode that does not apply to that object type, or the user has set the object mode of an existing object to a mode that does not apply to that type of object. For example, if the user tries to create a trigger in the filtering mode or set an existing trigger to the filtering mode, the user receives this error.

1.3378-976

The user attempted to grant fragment-level privileges on an unfragmented table or on a table that is not fragmented by expression.

1.3379-977

The user does not have the required fragment-level privilege on the table fragment. This message is always followed by another message that identifies the privilege that the user lacks. If an INSERT statement fails, the second message is -271. If an UPDATE statement fails, the second message is -346. If a DELETE statement fails, the second message is -240.

1.3380-978

The user has issued an INSERT, DELETE, or UPDATE statement on a table with filtering mode objects. The user receives this message because the user lacks the INSERT privilege on the violations or diagnostics tables associated with this table. The user must have the INSERT privilege on the violations and diagnostics tables before the database server can write rows into the violations and diagnostics tables for that user.

Similarly, if the user has issued a SET statement to change the object mode of a disabled constraint or a disabled unique index to the enabled or filtering mode, and if a violations table has been started for the target table, the user receives this message if the user lacks the INSERT privilege on the violations or diagnostics table associated with the target table.

1.3381-9913

While connected to an INFORMIX-Universal Server database, you can select a column that is a collection (such as a LIST, SET, or MULTISET data type), and you can use the WHERE clause of a query to filter on an element within a simple collection by using the IN keyword.

You cannot, however, perform any of the following actions:

Select an element within a collection

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Filter on an entire collection by name

Filter on an element within a nested collection by using the IN keyword

1.3382-999

This is an internal error that should not appear. If the error recurs, please note all circumstances and contact the Informix Technical Support Department.

1.3383C585FD5932766

The program that you have started cannot locate the Informix error message file. The INFORMIXDIR environment variable is probably not set properly. INFORMIXDIR points to the directory that contains the msg directory where message files are stored.

1.3384con1aoftc

The specified file is not locked by the current user.

1.3385con6kd9go

ROLE Errors

The following messages are issued by the database server when roles are used incorrectly.

Informix Gateway Errors

The following errors are produced by Gateway products such as INFORMIX-Gateway with DRDA, INFORMIX-Enterprise Gateway, or INFORMIX-Enterprise Gateway Manager. See also "Informix Gateway Errors" on page 473.

Branding and Installation Messages

These errors are produced while branding and installing a product.

mkmessage Errors

These messages are produced by the mkmessage utility program.

Embedded-Language Errors

These error messages are produced by the embedded-language products such as ESQL/COBOL and INFORMIX-ESQL/C. See also the preprocessor messages beginning on ~@XPage #~@X35077~@Xpage 488 and the INFORMIX-ESQL/C errors beginning on ~@XPage #~@X11421~@Xpage 421.

INFORMIX-ESQL/C for Windows Errors

The following error messages are reported from INFORMIX-ESQL/C, Version 5.01. Error messages for earlier versions of Informix products for Windows might appear elsewhere in this manual. (For example, Informix Version 4.1 DOS Products.) See also the INFORMIX-NET for Windows error messages beginning on ~@XPage #~@X91368~@Xpage 506.

Connectivity Error Messages

The following are connectivity or network service error messages that may be returned in Version 6.0 or higher database server products. See also messages -27000 through -27003 on ~@XPage #~@X84612~@Xpage 459.

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INFORMIX-NET Relay Module Errors

The relay module of INFORMIX-NET produces these error messages.

Data Extract (OpenView) Errors

The following error messages are produced by the Data Extract product.

Connectivity Error Messages

The following are connectivity or network service error messages that may be returned in Version 6.0 or higher database server products. See also the connectivity messages in the -25546 through -25599 range beginning on ~@XPage #~@X73565~@Xpage 424.

Informix Gateway Errors

[This section is between Connectivity Error Messages and OnLine/Secure Errors] The following errors are produced by Gateway products such as INFORMIX-Gateway with DRDA, INFORMIX-Enterprise Gateway, or INFORMIX-Enterprise Gateway Manager. See also ~@X"Head"”Informix Gateway Errors” on page 416.

OnLine/Secure Errors

The following error messages in the -321xx range are reported from INFORMIX-OnLine/Secure. See also the OnLine/Secure error messages in the -325xx range, beginning on ~@XPage #~@X19224~@Xpage 484.

DB-Access Errors

The following error messages in the -32400 through -32410 range are reported from the DB-Access utility. See also the DB-Access error messages in the

-47086 through -47104 range, beginning on ~@XPage #~@X32320~@Xpage 508.

OnLine/Secure Errors

The following error messages in the -325xx range are reported from INFORMIX-OnLine/Secure. See also the OnLine/Secure error messages in the -321xx range, beginning on ~@XPage #~@X30792~@Xpage 473.

Unknown Error

This error is reported when a software product cannot find the error message text files. See also positive error number 32766 on ~@XPage #~@X43672~@Xpage 12.

Preprocessor Errors

The following errors and warnings are reported by the common preprocessor code of embedded-language products such as INFORMIX-ESQL/C. See also the Embedded-Language error messages on ~@XPage #~@X50099~@Xpage 410.

SQL Utility Error Messages

The following error messages are generated by SQL utilities introduced in Version 6.0.

INFORMIX-Ada/SAME Errors

The following errors are produced by the INFORMIX-Ada/SAME product.

INFORMIX-NET for Windows Errors

The following error messages are reported from INFORMIX-NET for Windows, Version 5.01, or might appear when you attempt a connection with a product such as INFORMIX-ESQL/C. Error messages for earlier versions of Informix products, such as Informix Version 4.1 DOS products, might appear elsewhere in this manual. See also the INFORMIX-ESQL/C error messages in the -23075 through -23100 range beginning on ~@XPage #~@X11421~@Xpage 421.

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DB-Access Errors

The following error messages in the -47xxx range are reported from the DB-Access utility when using Create or Alter. See also the DB-Access error messages in the -32400 through -32410 range, beginning on ~@XPage #~@X81394~@Xpage 481.

Class Library Messages

The following error messages are generated by class libraries VCL (Visual Class Library) and CCL (Connectivity Class Library).

1.3386confxf8qb

This error message is caused when the output buffer length is zero, or the buffer pointer is a null pointer. This error message is not used by database servers after Version 5.01.

1.3387confxf9kb

At the indicated point in the program an error was detected. Look for other error messages that give details of the error. Use the numbers in this message to locate the error in the program source file.

1.3388confxh_ob

Reduce the complexity of the form. In particular, reduce the level of nesting of loops and IF statements, and break very complicated expressions in LET statements up into simpler ones.

1.3389confxi7kg

One of the constant expressions in this CONSTANT statement refers to function such as CURRENT, whose value depends on the current time. Such functions have to be written as arguments to the CONSTANT() function, which returns their value as of the time of compilation. (There is no means of using the time of execution in a constant value.)

1.3390confxi7mg

A constant cannot be used until it is defined. Therefore, a constant cannot be used in its own definition.

1.3391confxm7ld

The first parameter you can define in the PARAMETER statement is number 1. In some host operating systems, the zeroth parameter is preset to the program name, but this value is not available within a report.

1.3392em_639

All of the blob columns specified in the FOR clause of the CREATE OPTICAL CLUSTER statement must belong to the same optical family. Check to be sure that the columns specified for an optical cluster do not belong to different families.

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1.3393em_700

This error is generated when a user attempts to execute a BEGIN WORK, COMMIT WORK, or ROLLBACK WORK statement within a global transaction.

1.3394em_744

This error is returned when the triggered SQL statement is BEGIN WORK, COMMIT WORK, ROLLBACK WORK, or SET CONSTRAINTS. These statements are not allowed as triggered actions. Remove the offending statement.

1.3395em_860

You fragmented an object into one fragment. To put the object in a single dbspace, use the IN clause instead of the FRAGMENT BY clause.

1.3396em_880

You used a TRIM function where the TRIM character value expression and the source character value expression were of conflicting data types. The character and source value expressions must be of string data type. Check the syntax of the TRIM function, and make sure the character and source values contain string data type values.

1.3397em_931

The service noted is not listed in the network configuration

file /etc/services (UNIX) or \etc\services (DOS). Check the $INFORMIXDIR/etc/sqlhosts file and make sure that the service name for the desired server is correct. If so, contact your network administrator and find out why the service is not known. If you are using INFORMIX-OnLine for NetWare, check the \etc\services file on the client for the required entries.

1.3398ID_eo7nsq

In the definition or prototype of a NewEra program block, an expression that specifies the default value of a formal argument cannot include among its operands the name of any formal argument of the same function, event, or report.

1.3399idh_contents

Click on the Index button to find an error number.

1.3400Indh2tzuc

The database server specified in your DBPATH environment variable setting is not listed in the $INFORMIXDIR/etc/sqlhosts file. Make sure that every database server mentioned in DBPATH corresponds to an entry in the sqlhosts file.

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1.3401lndh3qyza

You have specified an invalid trigger name. Enter the name of an existing trigger, or correct your spelling.

1.3402lndh3rwzd

The specified type was not defined or a $ character was misplaced in a statement. Check for misspellings, misplaced $ characters, or undefined types.

1.3403jjca7f

The NEED n LINES statement is used in a report to cause a conditional page skip. This is only relevant in the context of the FORMAT section of a report. Check to see if a REPORT statement has been omitted.

1.3404jjcb8j

The keyword PRINT is used specifically to produce lines of output to a report. The keyword DISPLAY introduces output to the screen. Possibly this statement was accidentally copied from a report body; more likely it was a hasty attempt to display casual output on the screen. In the latter case, simply changing PRINT to DISPLAY will usually be enough.

1.3405jjcc7h

See error -1330, which has replaced this error.

1.3406KEYf_8u_5

Use of an Informix extension to ANSI has been detected. Use ANSI-compliant syntax to ensure maximum portability.

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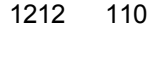

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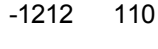

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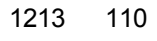

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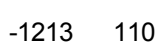

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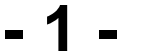

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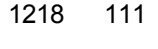

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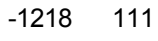

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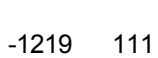

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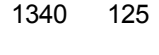

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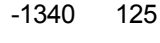

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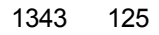

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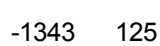

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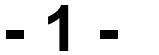

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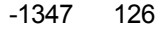

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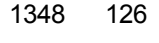

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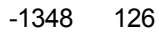

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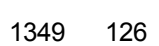

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Endnotes 2... (after index)

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