IBM Content Manager Enterprise Edition
IBM Content Manager for z/OS
Version 8.4.3

Messages and Codes

IBM

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Messages and codes for IBM Content Manager

Messages and codes lists all numbered library server, resource manager, and API messages.

The description of each message includes the following information:

Message number with severity

Messages are divided into three severity categories:

Information

Message numbers that end with the letter **I** are information messages. These messages inform you that an action occurred.

Warning

Message numbers that end with the letter **W** are warning messages. These messages inform you that an undesirable situation occurred but that the process can continue.

Action

Message numbers that end with the letter **A** are action messages. These messages inform you that an undesirable situation occurred and that the process could not continue. You have to take some action to correct the problem.

Explanation

The cause of the problem.

User response

The action or response that you should take to correct the problem.

Source

The component that issued the message.

API messages: DGL0212A - DGL1620A

API messages DGL0300A - DGL1620A describe problems and possible solutions for Java and C++ applications.

DGL0212A   **The parsing of the logging configuration for the requested XML failed.**

Explanation: The XML document could not be parsed.

User response: Set the TRACELEVEL attribute in the system control table ICMRMCONTROL to 15 to enable all levels of diagnostic trace, and then rerun the operation. After the operation completes, check the SYSPRINT output for diagnostic information that might help you correct the error. If that diagnostic information does not provide enough help, contact IBM software support.

Source: Resource manager

DGL0213A   **The logging configuration for the requested component could not be updated.**

Explanation: No further explanation is required.

User response: Set the TRACELEVEL attribute in the system control table ICMRMCONTROL to 15 to enable all levels of diagnostic trace, and then rerun the operation. After the operation completes, check the SYSPRINT output for diagnostic information that might help you correct the error. If that diagnostic information does not provide enough help, contact IBM software support.

Source: Resource manager

DGL0214A   **The logging configuration for the requested component could not be obtained.**

Explanation: No further explanation is required.

User response: Set the TRACELEVEL attribute in the system control table ICMRMCONTROL to 15 to enable all levels of diagnostic trace, and then rerun the operation. After the operation completes, check the SYSPRINT output for diagnostic information that might help you correct the error. If that diagnostic information does not provide enough help, contact IBM software support.

Source: Resource manager

DGL0215A   **This version of the resource manager does not support logging configuration requests from the system administration client.**

Explanation: Logging configuration using the system administration client is only compatible with a Version of the resource manager on z/OS that is Version 8.4.2 or later.

User response: To set the logging level for the resource manager on z/OS that is earlier than Version 8.4.2, you must manually set the trace level in the ICMRMCONTROL table.

Source: Resource manager

DGL0300A   **Message ID not found.**

Explanation: The system cannot generate a message, because it is unable to find the message ID.

User response: Examine the rest of the error information to obtain the correct message that can be found in this book. Examine the Error ID returned in the exception object. The Error ID corresponds to the correct message that can be found in this book. Try to map the Error ID to a message in this book with the following format: `DGL4-digit EIP Error ID`A. In addition, examine the Error Code, which corresponds to a library server return code in the format of `ICMxxxx`. For an example of how to examine the Error ID returned in the exception object, refer to the SConnectDisconnectICM API education sample and to the *Application Programming Guide*. After collecting the information, see your system administrator or IBM service representative.

Source: Java or C++ APIs.

DGL0301A   **Error while loading library.**

Explanation: An error occurred while loading a shared library file (`icmnlssp.dll` file for Windows, and `ICMNLSSP` file for AIX, and Solaris). You might have specified the wrong path for the library file.

User response: Update the library path environment variables with the current library location. The path name is `x:\sqllib\function` for Windows, and *db2instance_home*`/sqllib/function` for AIX, Linux, and Solaris.

Source: Java or C++ APIs.

DGL0303A   **Invalid parameter.**

Explanation: An input parameter for calling the current method was invalid.

User response: See the *Application Programming Guide* to find the correct parameter specification for the method being called, and check for null-value data objects in the input parameters.

Source: Java or C++ APIs.

DGL0304A   Invalid cursor.

Explanation: The cursor is in an invalid state. An invalid state might be caused by having no items in the collection. By being before or after the bounds of the cursor, or by deleting or adding an item to the cursor.

User response: Create a cursor, or set the current cursor to the first collection item, or add items to an empty collection.

Source: Java or C++ APIs.

DGL0305A   Collection is full.

Explanation: The collection has reached the maximum number of items allowed.

User response: Remove items from the collection.

Source: Java or C++ APIs.

DGL0306A   The object is not unique.

Explanation: The key of an item added to a collection is not unique.

User response: Change the item or object to create a key that is unique in the collection.

Source: Java or C++ APIs.

DGL0307A   Connect error. [*Prefix*=xxxx, *MoreInfo*=yyyy]

Explanation: A connect error has occurred for the datastore.

Prefix is the component ID. FRN is for Folder Manager; IML is for the Text Search Engine. MoreInfo is additional error information. ExtRC is for Folder Manager; DiagnosisInfo is for the Text Search Engine. xxxx and yyyy are the message numbers that are returned by the component.

If you received DGL0307A while attempting to log on to an IBM® Content Manager server with workflow enabled, it is because the user ID is not valid for the MQ database.

User response: Look up message numbers *xxxx* and *yyyy* in the message reference for the component, and take the recommended action.

To correct the invalid user ID to the MQ database, perform the following steps. If you are trying to log on as icmadmin, you must import the file CMBWFAdmin.fdl into the workflow server. You can find this file on the installation CD in the WFInstall directory. To import

the file, enter the following command:

```
fmcibie -u admin -p password -i CMBWFAdmin.fdl
```

If you are trying to log on with a user ID other than icmadmin, you must run the EIPUser2WF utility, which is available on Windows servers. Then log on with an administrator ID that can connect to the workflow server. For example, icmadmin. Enter the command EIPUser2WF in a command window and provide the required information when prompted.

If you installed the product with a user ID other than icmadmin and you do not have an administrator ID that can connect to the workflow server, complete the following steps.

1. Create an icmadmin system user ID.
2. Grant database administrator authority on the library server database to icmadmin.
3. Log on to the system administration client using the administrator ID; then complete the following steps:
   a. Create the user icmadmin with password password and privilege set AllPrivSet.
   b. Enable workflow service, if required. Click Tools services and click workflow.
4. Log out of the system administration client.
5. Run the EIPUser2WF utility, which is available on Windows, from a command prompt using the user ID icmadmin.

Verify that you can log on to the server using the administrator ID. You can also delete the system user icmadmin.

Source: Java or C++ APIs.

DGL0308A   A disconnect error occurred during the log off from the data store.

Explanation: This message is generated by the IP connector and Fed workflow service. The Fed workflow service appends more information about the disconnect error to the message, but the IP connector does not.

User response: Look in the error server log to get more information about the disconnect error. The Fed Workflow error log is dklog.log.

Source: Java or C++ APIs.

DGL0309A   The connection is already in use.

Explanation: Another user is already connected to the content server. This message indicates that you have called connect() on a data store that is already connected.

User response: Create a data store instance that cannot be accessed by other users and connect to the data store.

Source: Java or C++ APIs.

DGL0310A   The connection could not be found.

Explanation: A connection was not established for the data store.

User response: Try to reconnect to the data store. If the problem persists, contact IBM Software Support.

Source: Java or C++ APIs.

DGL0311A   The specified option was not found.

Explanation: This error occurs when calling the getOption method on the data store, but no option with that name was set for the data store.

User response: Set the specified option. You must set the option value before you can get it. The list of valid options is different for every data store type. See the Javadoc information of the setOption method for the data store to see a list of valid options.

Source: Java or C++ APIs.

DGL0312A   The option parameter is not defined in the data store.

Explanation: The option parameter used in the setOption method is not defined for the data store.

User response: Set a valid option. See the Javadoc information for a list of options that are valid for the method that you called.

Source: Java or C++ APIs.

DGL0313A   The option value that was used in the setOption method is not an integer.

User response: Specify an Integer value for the option.

Source: Java or C++ APIs.

DGL0314A   The submitted option value is not valid.

Explanation: Several different situations might cause this message. Find the explanation corresponding to the action that you were performing when you received the error.

This message occurs for the following actions when the value of the DK_CM_OPT_CACHE option is not an integer. The value of the DK_CM_OPT_CACHE option must be DKConstant.DK_CM_TRUE or DKConstant.DK_CM_FALSE. The following actions were being performed when the error was received:

- Listing schema information
- Checking ACL values
- Listing privileges
- Adding, deleting, listing, or updating resource manager or System-Managed Storage (SMS) collection definitions
- Listing users in a user group

- Listing workflow actions or definitions

User response: To correct these errors ensure that the value of the DK_CM_OPT_CACHE option is set to an integer with a value of DKConstant.DK_CM_TRUE or DKConstant.DK_CM_FALSE.

This message occurs for the following actions when the options specified as a parameter to the method call are not valid. The following actions were being performed when the error was received:

- Retrieving content into a document
- Calling the DKDatastorePool.clearCacheOfConnections API
- Ingesting or extracting a DDO to XML by using the service DKXMLDataInstanceService
- Clearing the data store cache

User response: To correct these errors see the Javadoc information of the method for a list of the options that are valid for the method that you are specifying in the parameter list.

Source: Java or C++ APIs.

DGL0315A   An error occurred retrieving index class information. [FRN=xxxx ExtRC=yyyy]

Explanation: There was an error calling the API in retrieving the index class (like CM8 item type) definition information in CM7 or Visual Info/400.

User response: Look up message numbers *xxxx*, and *yyyy*, in the *Application Programming Reference*, and take the documented action.

Source: Java or C++ APIs.

DGL0326A   Error while reading an attribute. [FRN=xxxx, ExtRC=yyyy]

Explanation: An error occurred while reading an item attribute.

xxxx, and *yyyy*, are message numbers from the folder manager APIs.

User response: Look up message numbers *xxxx*, and *yyyy*, in *Content Manager Messages and Codes Version 7 Release 1*, and take the documented action.

Source: Java or C++ APIs.

DGL0331A   The query is null or does not have the proper syntax.

User response: Check the validity of your query string for proper syntax, and also check whether it has been set. See the *Application Programming Guide*, SC27-1347, for query grammar, syntax, proper usage, and examples.

Source: Java or C++ APIs.

DGL0336A   The data access cursor is invalid.

Explanation: The resultSet cursor has gone past the bounds of the cursor.

User response: Close the cursor; then reopen it.

Source: Java or C++ APIs.

DGL0337A   The data access position is out of range.

Explanation: The cursor position that is specified by the resultSet method setToNext method or setPosition method is not valid. A valid position for the dkResultSetCursor is between 0 and the number of items in the cursor plus 1. For example, if there are 10 items in the cursor, positions 0 - 11 are valid, position 0 being the beginning and position 11 being the end. Any position before the beginning or after the end is not valid.

User response: Reset the data access position to one that is within the range of the returned cursor.

Source: Java or C++ APIs.

DGL0338A   An invalid attribute name was specified in the predicate of the resultSetCursor findObject method.

Explanation: The predicate that is passed into the findObject method must specify the name of an attribute that is defined for the item type. The predicate form must be "\<attribute name>" \<operator> \<value> or '\<attribute name>' \<operator> \<value>.

User response: Enter a valid predicate to the findObject method. The operator can be one of the following characters or phrases: |, ^, >, <, =, OR, <=, EQ, LT, GT, IN, >=, ==, !=, <>, AND, NOR, LEQ, GEQ, NEQ, NEAR, NAND, LIKE, NOTIN, NOTLIKE, BETWEEN, AND NOT, NOTBETWEEN, CONTAINS_TEXT. The attribute name must be the name of an attribute that is defined in the item type, and be enclosed in double or single quotation marks.

Source: Java or C++ APIs.

DGL0340A   The data access cursor cannot be updated.

Explanation: An update or add operation was attempted on a cursor that is read only.

User response: Set the data store permissions to the write option so that the data can be written to the file, then try the query again. You can set a data store to support updates by calling `dkDatastore.setOption(DKConstant.DK_CM_OPT_ACCESS_MODE, DKConstant.DK_CM_READWRITE)`

.

Source: Java or C++ APIs.

DGL0341A   This function not available.

Explanation: No further explanation can be given.

User response: Do not invoke this function.

Source: Java or C++ APIs.

DGL0342A   The passed data store is not valid for this object type.

Explanation: This error usually occurs when creating a BLOB object associated with a certain data store type, and the passed data store does not match the constructor or `setDatastore` method. Passing in a `DKDatastoreICM` or `DKDatastoreIP` also results in this error.

User response: Determine the correct data store to pass and try again. For example, if you create a `DKBlobOD`, you must pass in a `DKDatastoreOD`. Likewise, if you create a `DKBlobICM`, you must pass in a `DKDatastoreICM`.

Source: Java or C++ APIs.

DGL0343A   Objects with different object types cannot be compared.

Explanation: Objects must have the same object type to be compared.

User response: Ensure that the objects have the same object type and try again.

Source: Java or C++ APIs.

DGL0344A   The object does not have a persistent identifier (PID).

Explanation: The persistent ID was not set for this object.

User response: Set the persistent ID for the object and try the operation again.

Source: Java or C++ APIs.

DGL0345A   The persistent identifier (PID) cannot be null.

Explanation: All of the objects that are accessed from the data store must have a persistent identifier (PID). A PID cannot have a null value and cannot be the null character.

User response: When you set the PID, ensure that the value is not null.

Source: Java or C++ APIs.

DGL0347A   There is no IBM Content Manager API parameter for this object.

Explanation: The API parameter has not been set for this object.

User response: Make sure that the API parameter is set for this object.

Source: Java or C++ APIs.

DGL0348A   After an object is created, the object type cannot be changed.

Explanation: Changing an object type is not allowed.

User response: Ensure that the object type remains unchanged and try again.

Source: Java or C++ APIs.

DGL0350A   The object content could not be added to the data store.

Explanation: The object content must be set before the object can be added to the data store with the add function.

User response: Use the `setContentFromClientFile()` method or the `setContent()` method to set the object content. Then try the operation again.

Source: Java or C++ APIs.

DGL0351A   After an object is created, the content type cannot be changed.

Explanation: You cannot use the copyData function to copy data from one object into another object if the objects do not have the same content type. For example, if you want to copy data into a `DKBlobIP` object, the object that is passed to the copyData function must also be a `DKBlopIP` object.

User response: Ensure that both objects have the same content type and then try the copyData operation again.

Source: Java or C++ APIs.

DGL0352A   The [nnn] file could not be opened.

Explanation: This error occurs when:
- The file is being used by another process.
- The file is access-protected.
- The file does not exist.

User response: Check that the file is not being used by another process, that the file is not access-protected, and that the file exists. Close all unnecessary processes and try again.

Source: Java or C++ APIs.

DGL0353A   The [nnn] file could not be closed.

Explanation: The file might be used by another process, which prevents the file being closed.

User response: Close all unnecessary processes and try again.

Source: Java or C++ APIs.

DGL0355A   The {0} object and the {0} cannot be concatenated.

Explanation: The objects must have the same object type to be concatenated.

User response: Ensure that the objects have the same object type and try again.

Source: Java or C++ APIs.

DGL0357A   The content cannot be inserted.

Explanation: You cannot use the insertOf function to insert data from one object into another object if the objects do not have the same content type. For example, you cannot do DKBlobOD::insert(DKBlobIP, 0). You can only pass in another DKBlobOD.

User response: Ensure that the object type is the same, and then try the operation again.

Source: Java or C++ APIs.

DGL0358A   The file cannot be opened in read-only mode.

Explanation: This error can occur when:
- The file is being used by another process.
- The file is access-protected.
- The file does not exist in the specified directory.
- The file is in write-protected mode.
- The file is on a residence disk that is access-protected.

User response: Check that the file is not being used by another process, that the file is not access-protected, and that the file exists. Close all unnecessary processes and try again.

Source: Java or C++ APIs.

DGL0359A   The file cannot be overwritten.

Explanation: The file cannot be overwritten because the current fileOption setting, fileOption 2, prevents existing files from being overwritten.

User response: If you need to preserve the existing file, save the changed version of the file with a unique file name. If you do not need to preserve the existing file, you can change the fileOption setting to fileOption 1, which enables you to overwrite the file.

DGL0360A • DGL0367A

Source: Java or C++ APIs.

DGL0360A   The file cannot be opened in write mode, so no information can be added to the file.

Explanation: This error can occur when:

- The file is being used by another process.
- The file is access-protected.
- The file does not exist in the specified directory.
- The file is in write-protected mode.
- The file is on a residence disk that is access-protected.

User response: Check that the file is not being used by another process, that the file is not access-protected, and that the file exists. Close all unnecessary processes and try again.

Source: Java or C++ APIs.

DGL0361A   The file cannot be opened in write mode, so no information can be appended to the file.

Explanation: This error can occur when:

- The file is being used by another process.
- The file is access-protected.
- The file does not exist in the specified directory.
- The file is in write-protected mode.
- The file is on a residence disk that is access-protected.

User response: Check that the file is not being used by another process, that the file is not access-protected, and that the file exists. Close all unnecessary processes and try again.

Source: Java or C++ APIs.

DGL0362A   The file length and written length do not match.

Explanation: The actual length of the file does not match the file length information that was written to other files.

User response: Ensure that there is sufficient disk space and workstation memory for the operation, and try again.

Source: Java or C++ APIs.

DGL0363A   One of the file options in your operation is not valid.

Explanation: An invalid file option has been used in the operation.

User response: Implement one of the following options and try again:

- Create or overwrite a file.
- Create but do not overwrite any files.
- Append to an existing file.

Source: Java or C++ APIs.

DGL0364A   The IBM Content Manager part object handle is not set.

Explanation: In order to access the object part of the data store, a part object handle for the object data structure is required.

User response: Ensure that the part object handle is set and retry the operation.

Source: Java or C++ APIs.

DGL0365A   The affiliated data type is not set for the annotation part object.

Explanation: The affiliated type of this object is `DK_ANNOTATION`, but the affiliated data type for this object has not been set.

User response: Use the `DKAnnotation` class methods to set the annotation object. Then use the `setAffiliatedData(DKAnnotation&)` method to set the affiliated data.

Source: Java or C++ APIs.

DGL0366A   The required search engine information has not been set.

Explanation: If the object content is specified as search-indexed, the `searchEngine`, `searchIndex` and `searchInfo` options must be specified.

User response: Set the search engine information with the `setSearchEngine()`, `setSearchIndex()` and `setSearchInfo()` methods. Set the search engine information by using the `setSearchEngine()`, `setSearchIndex()` and `setSearchInfo()` classes.

Source: Java or C++ APIs.

DGL0367A   The {0} part cannot be added to the data store. API error message: [FRN=xxxx, ExtRC=yyyy].

Explanation: FRN and ExtRC are message numbers from the folder manager APIs. Use them to help identify the problem.

User response: In *Messages and Codes*, SC27-1349, look up message numbers xxxx and yyyy, and follow the documented response.

Source: Java or C++ APIs.

DGL0369A   **The {0} part cannot be updated in the data store. API error message: [FRN=xxxx, ExtRC=yyyy].**

Explanation: FRN and ExtRC are message numbers from the folder manager APIs. Use them to help identify the problem.

User response: In *Messages and Codes*, SC27-1349, look up message numbers xxxx and yyyy, and follow the documented response.

Source: Java or C++ APIs.

DGL0370A   **The specified file [*nnn*] does not exist.**

Explanation: The file cannot be found because the specified path does not exist or the file does not exist in the specified directory.

User response: Check that the path and file name are correct and try again.

Source: Java or C++ APIs.

DGL0371A   **The operating system was not able to close a part in the data store. API error message: [FRN=xxxx, ExtRC=yyyy].**

Explanation: FRN and ExtRC are message numbers from the folder manager APIs. Use them to help identify the problem.

User response: In *Messages and Codes*, SC27-1349, look up message numbers xxxx and yyyy, and follow the documented response.

Source: Java or C++ APIs.

DGL0372A   **The object was not updated because the object content contained no changes.**

Explanation: For your information only. It is not necessary to update the object content if no changes have been made.

User response: No action is required.

Source: Java or C++ APIs.

DGL0373A   **The object read was not successful.**

Explanation: The system did not have enough memory or resources to load the object into memory.

User response: Ensure that there is sufficient disk space and workstation memory to load the object into memory. Try shutting down other applications to free additional memory and try again.

Source: Java or C++ APIs.

DGL0374A   **There is not enough system resource to allocate for the current file name.**

Explanation: The system did not have enough memory or resources to load an object into memory.

User response: Ensure that there is sufficient disk space and workstation memory to the file. Try shutting down other applications to free additional memory and try again.

Source: Java or C++ APIs.

DGL0375A   **There is no index class defined for this language.**

Explanation: The index class is not defined for the variable language setting.

User response: Define index classes for the {0} language or use English, which already has defined index classes.

Source: Java or C++ APIs.

DGL0376A   **The data item cannot be found.**

Explanation: The specified data item was not found in the current Dynamic Data Object (DDO).

User response: Ensure that the data item name belongs to the current DDO. To obtain all of the data item names that are defined in the current DDO, use a loop that calls `getDataName(i)`, where 1. i. `dataCount()`).

Source: Java or C++ APIs.

DGL0377A   **The specified property cannot be found.**

Explanation: The specified property was not found in the current Dynamic Data Object (DDO).

User response: Ensure that the data item name belongs to the current DDO. To obtain all of the data item names that are defined in the current DDO, use a loop that calls `getPropertyName(i)`, where 1. i. `propertyCount()`.

Source: Java or C++ APIs.

DGL0378A   **The specified data name exists.**

Explanation: The specified data name exists in the current Dynamic Data Object (DDO). Each data name in the DDO must be unique.

User response: Change the data name to a unique data name and then try the operation again.

Source: Java or C++ APIs.

DGL0379A   The specified property name exists.

Explanation: The specified property name exists in the current Dynamic Data Object (DDO). Each data name in the DDO must be unique.

User response: Change the property name to a unique property name and then try the operation again.

Source: Java or C++ APIs.

DGL0380A   The specified data item property cannot be found.

Explanation: The specified property was not found in the current data item.

User response: Ensure that the property name belongs to the current data item. To obtain all of the property names that are defined in this data item (located at the data_id position), use a loop that calls getDataPropertyName(data_id, i), where 1. i. dataPropertyCount(data_id).

Source: Java or C++ APIs.

DGL0381A   The data item value cannot be set.

Explanation: All of the data item properties must be defined before the data item values can be set.

User response: Set the data item properties. Then try to set the data item values again.

Source: Java or C++ APIs.

DGL0382A   The specified iterator is not valid for this operation.

Explanation: This error can occur when:
- A null pointer is supplied to the collection
- The iterator is invalid for the collection

User response: Ensure that you use the correct type of iterator with the specified collection:
- If you use a DKFederatedCollection collection, you must use a DKSequentialIteratorImp iterator or a DKFederatedInteratorImp iterator.
- If you use a DKSegmentedParts or a DKSegmentedPartsOD collection, you must use a DKSegmentedPartsIterator iterator.
- If you use a DKSequentialCollection collection, you must use a DKSequentialIteratorImp iterator.

Source: Java or C++ APIs.

DGL0383A   The position of the iterator is not valid.

Explanation: The iterator might be beyond its allowed bounds, which is between 0 and <collection size> -1 or the iterator might be pointing to a deleted member.

User response: Ensure that the iterator is within

bounds and that it is not pointing to a deleted member.

Source: Java or C++ APIs.

DGL0385A   The data object is null.

Explanation: A null data object is not a valid parameter for the {0} method.

User response: Pass a non-null parameter to the {0} method.

Source: Java or C++ APIs.

DGL0386A   The specified protocol is not supported for the data store.

Explanation: A data object base has an object type and supports a known protocol. The specified protocol is not supported by the data store.

User response: Ensure that you use the correct type of protocol with the specified data store. For ICM, OD, IP, and VI/400 the dkDataObject method must use the DKConstant.DK_DDO protocol.

Source: Java or C++ APIs.

DGL0387A   The object data store type is not consistent.

Explanation: The data store type defined in the persistent identifier (PID) of the Dynamic Data Object (DDO) must match the data store type that is being called.

User response: Ensure that the data store type of the object matches the data store type that is being called, and try again.

Source: Java or C++ APIs.

DGL0388A   The object data store name is not consistent.

Explanation: The data store name defined in the persistent identifier (PID) of the Dynamic Data Object (DDO) must match the data store name that is being called.

User response: Ensure that the data store name of the object matches the data store name that is being called, and try again.

Source: Java or C++ APIs.

DGL0389A   The object type is not set.

Explanation: The object type of the {0} Dynamic Data Object (DDO) is not set.

User response: Set the object type to the name of the index class that the object type belongs to.

Source: Java or C++ APIs.

DGL0390A The item ID is not set.

Explanation: The item ID in the current Dynamic Data Object (DDO) is not set. The item ID is required for the `retrieve()`, `delete()` and `update()` operations on the DDO.

User response: Set the item ID before attempting to call any method that requires an item ID.

Source: Java or C++ APIs.

DGL0391A A connection to the {0} data store could not be established.

Explanation: A connection has not been established with the current data store.

User response: Call the `connect()` method to establish a connection to the datastore.

Source: Java or C++ APIs.

DGL0392A The index is out of bounds.

Explanation: The specified data_id used to access data items is out of bounds. The range is 1. data_id. dataCount().

User response: Ensure that the data_id used to access data items is in bounds.

Source: Java or C++ APIs.

DGL0393A The system memory could not be freed. *API_name*, [*Prefix*=**xxxx**, *MoreInfo*=**yyyy**]

Explanation: An error occurred in freeing system memory used in calling *API_name* .

Prefix is the component ID. `MoreInfo` is additional error information. xxxx and yyyy are the message numbers that are returned by the component.

User response: In *Messages and Codes*, SC27-1349, look up message numbers xxxx and yyyy, and follow the documented response.

Source: Java or C++ APIs.

DGL0394A An internal error occurred in DKDatastoreICM.connect, [*Server*=ICMNLSDB, *UserID*=icmadmin].

Explanation: ICM7123: Is an internal error.

User response: Run the application again with server trace set to Detail and Data. Save the server log and see your IBM service representative. (STATE): [LS RC = 7123, LS reasonCode = 8013]

Source: Java or C++ APIs.

DGL0395A The specified data type is not defined.

Explanation: The definition of the entity specified has an attribute type that was not expected.

The definition of the entity specified might be a data type of other than one of the following: DK_CM_LONG, DK_CM_INTEGER, DK_CM_SHORT, DK_CM_SMALLINT, DK_CM_DOUBLE, DK_CM_FLOAT, DK_CM_DECIMAL, DK_CM_BIGINT, DK_CM_CHAR, DK_CM_FSTRING, DK_CM_VARCHAR, DK_CM_VSTRING, DK_CM_BLOB, DK_CM_CLOB, DK_CM_DBCLOB, DK_CM_DATE, DK_CM_TIMESTAMP, or DK_CM_TIME

User response: Use a defined data type and try again.

Source: Java or C++ APIs.

DGL0396A The specified data type is not supported.

Explanation: The definition of the entity specified has an attribute type that was not expected.

The definition of the entity specified might be either a data type of DK_CM_UNDEFINED or a data type of other than one of the following: DK_CM_FSTRING, DK_CM_VSTRING, DK_CM_FLOAT, DK_CM_DECIMAL, DK_CM_LONG, DK_CM_SHORT, DK_CM_DOUBLE DK_CM_BLOB, DK_CM_CLOB, DK_CM_DBCLOB, DK_CM_DATE, DK_CM_TIME, DK_CM_TIMESTAMP.

User response: Use a supported data type and try again.

Source: Java or C++ APIs.

DGL0397A The format of the date is not valid.

Explanation: No further explanation is required.

User response: Change the date to the `yyyy-mm-dd` format.

Source: Java or C++ APIs.

DGL0398A The item ID must be blank for an add operation because the item ID is automatically assigned by the data store.

Explanation: No further explanation is required.

User response: Clear the item ID field.

Source: Java or C++ APIs.

DGL0399A The item type is not supported.

Explanation: The data store supports only document item types and folder item types.

User response: Item type must be set to either `DK_DOCUMENT` or `DK_FOLDER` .

Source: Java or C++ APIs.

DGL0400A   The object type is not valid.

Explanation: Either the object type that was supplied to the component method or the object type that is used by the component method is not valid.

User response: See the *Application Programming Reference*, SC27-1348 to find the correct usage of the method.

Source: Java or C++ APIs.

DGL0401A   Warning: disconnect was called while in a transaction. Disconnect was completed, but the transaction was rolled back.

Explanation: Disconnecting the datastore cannot occur during a pending transaction.

User response: Commit (or roll back) the transaction before disconnecting from the datastore.

Source: Java or C++ APIs.

DGL0402A   Error in starting a transaction. [FRN=xxxx, ExtRC=yyyy]

Explanation: An error occurred while starting a new transaction session.

xxxx and yyyy are message numbers from the folder manager APIs.

User response: Look up message numbers xxxx and yyyy in *Content Manager Messages and Codes Version 7 Release 1* and take the documented action.

Source: Java or C++ APIs.

DGL0403A   Error in transaction commit. [FRN=xxxx, ExtRC=yyyy]

Explanation: An error occurred while committing a transaction session.

xxxx and yyyy are message numbers from the folder manager APIs.

User response: Look up message numbers xxxx and yyyy in *Content Manager Messages and Codes Version 7 Release 1* and take the documented action.

Source: Java or C++ APIs.

DGL0404A   Error in transaction rollback. [FRN=xxxx, ExtRC=yyyy]

Explanation: An error occurred while performing a transaction roll back.

xxxx and yyyy are message numbers from the folder manager APIs.

User response: Look up message numbers xxxx and yyyy in *Content Manager Messages and Codes Version 7 Release 1* and take the documented action.

Source: Java or C++ APIs.

DGL0405A   Invalid query; missing parenthesis.

Explanation: The supplied query string is invalid due to a missing parenthesis character.

User response: Correct the query string syntax.

Source: Java or C++ APIs.

DGL0406A   Invalid query; missing keyword.

Explanation: The supplied query string is invalid due to a missing keyword.

User response: Correct the query string syntax.

Source: Java or C++ APIs.

DGL0407A   Invalid query; option not specified.

Explanation: The supplied query string is invalid due to a missing option.

User response: Correct the query string syntax.

Source: Java or C++ APIs.

DGL0408A   Invalid query; invalid search or option value specified.

Explanation: The supplied query string is invalid due to invalid search or option values.

User response: Correct the query string syntax.

Source: Java or C++ APIs.

DGL0409A   Invalid query; invalid index class specified.

Explanation: The supplied query string is invalid due to an invalid index class.

User response: Correct the query string syntax.

Source: Java or C++ APIs.

DGL0410A   Invalid query, invalid attribute specified.

Explanation: The supplied query string is invalid due to an invalid attribute.

User response: Correct the query string syntax.

Source: Java or C++ APIs.

DGL0411A   Error while listing search indexes. [IML=xxxx, DiagnosisInfo=yyyy]

Explanation: Something happened while listing text search indexes.

xxxx and yyyy are the message numbers from the Text Search Engine API.

User response: Look up message numbers xxxx and yyyy in the *Text Search Engine Application Programming Reference* and take the documented action.

Source: Java or C++ APIs.

DGL0412A   Error; no start transaction done.

Explanation: A commit or roll back operation for a datastore has been started before starting a transaction.

User response: Make sure that a transaction has been done before a commit or roll back operation.

Source: Java or C++ APIs.

DGL0413A   Error; transaction already started.

Explanation: A new transaction for a datastore has been started during an ongoing transaction.

User response: Perform a commit or roll back operation for the current datastore transaction before starting a new datastore transaction.

Source: Java or C++ APIs.

DGL0414A   Error while waking up search program to do indexing work. [FRN=xxxx, ExtRC=yyyy]

Explanation: Error while waking up search program to perform indexing work.

xxxx and yyyy are message numbers from the folder manager APIs.

User response: Look up message numbers xxxx and yyyy in *Content Manager Messages and Codes Version 7 Release 1* and take the documented action.

Source: Java or C++ APIs.

DGL0415A   Delete fails because item is checked out.

Explanation: Deletion of items already checked out is an operation that is not allowed.

User response: Check in items that you want to delete before attempting the delete operation.

Source: Java or C++ APIs.

DGL0416A   Sort function not specified or set.

Explanation: The sort function is not provided as a default parameter in the method and the collection does not have a sort function defined.

User response: Supply a sort function object as a parameter, or set the sort function in the collection.

Source: Java or C++ APIs.

DGL0417A   This folder object is not an attribute of the input DDO.

Explanation: The DDO does not have a DKConstant.DK_CM_DKFOLDER attribute. It might not be a valid folder. The item might have been retrieved without the appropriate retrieval options.

User response: Use a valid folder with a DK_CM_DKFOLDER attribute or retrieve the item with any necessary retrieval options.

Source: Java or C++ APIs.

DGL0418A   Invalid type conversion, expected type: [*DKAny_type_code*].

Explanation: The operation on DKAny object involved a type conversion that is not allowed. DKAny expects DKAny_type-code.

User response: Check the type of object inside DKAny and use the correct operation for that type.

Source: C++ APIs.

DGL0419A   Member not found.

Explanation: The specified collection member is not found in the current collection.

User response: Correct the programming.

Source: Java or C++ APIs.

DGL0420A   This parts object is not an attribute of the input DDO.

Explanation: This DKParts object does not belong to the input DDO.

User response: Correct the programming.

Source: Java or C++ APIs.

DGL0421A   Item is not checked out.

Explanation: You cannot check in an item that has not been checked out.

User response: Correct the programming.

Source: Java or C++ APIs.

DGL0422A   DDO is not associated with any datastore.

Explanation: This DDO is not currently associated with any datastore.

User response: Establish an association with an existing datastore instance using the `setDatastore()` method.

Source: Java or C++ APIs.

DGL0423A   The specified part object does not exist.

Explanation: The specified part object cannot be found in the data store. A part object is identified by its `itemId`, `partId` and `repType`.

User response: Make sure that the `itemId`, `partId` and `repType` are all correct, and try the operation again.

Source: Java or C++ APIs.

DGL0424A   Part ID not set.

Explanation: The required part ID for accessing object content from the datastore is not currently set.

User response: Correct the programming; set the part ID.

Source: Java or C++ APIs.

DGL0425A   Error while getting item snapshot. [FRN=xxxx, ExtRC=yyyy]

Explanation: something happened while getting an item snapshot.

xxxx and yyyy are message numbers from the folder manager APIs.

User response: Look up message numbers xxxx and yyyy in *Content Manager Messages and Codes Version 7 Release 1* and take the documented action.

Source: Java or C++ APIs.

DGL0426A   Index class not found.

Explanation: The specified index class cannot be found in the current server.

User response: Specify an existing index class name when calling the current method. Using the `listSchema()` method in the datastore is the means to obtain the listing of existing index class names.

Source: Java or C++ APIs.

DGL0427A   No more memory.

Explanation: Memory cannot be allocated to continue the current processes.

User response: Inspect the workstation memory resources.

Source: Java or C++ APIs.

DGL0428A   Error while getting procedure address.

Explanation: An error occurred while getting a procedure address.

User response: See your system administrator or IBM service representative.

Source: Java or C++ APIs.

DGL0429A   Error while deleting result. [IML=xxxx, DiagnosisInfo=yyyy]

Explanation: something happened while deleting a text search result.

xxxx and yyyy are the message numbers from the Text Search Engine API.

User response: Look up message numbers xxxx and yyyy in the *Text Search Engine Application Programming Reference* and take the documented action.

Source: Java or C++ APIs.

DGL0430A   Error while deleting result view. [IML=xxxx, DiagnosisInfo=yyyy]

Explanation: something happened while deleting a text search result view.

xxxx and yyyy are the message numbers from the Text Search Engine API.

User response: Look up message numbers xxxx and yyyy in the *Text Search Engine Application Programming Reference* and take the documented action.

Source: Java or C++ APIs.

DGL0431A   Error while clustering result view. [IML=xxxx, DiagnosisInfo=yyyy]

Explanation: something happened while clustering a text search result view.

xxxx and yyyy are the message numbers from the Text Search Engine API.

User response: Look up message numbers xxxx and yyyy in the *Text Search Engine Application Programming Reference* and take the documented action.

Source: Java or C++ APIs.

DGL0432A   Error while getting similar documents. [IML=xxxx, DiagnosisInfo=yyyy]

Explanation: Something happened while retrieving similar text search documents.

xxxx and yyyy are the message numbers from the Text Search Engine API.

User response: Look up message numbers xxxx and yyyy in the *Text Search Engine Application Programming Reference*, and take the documented action.

Source: Java or C++ APIs.

DGL0433A   Error while adding an attribute. [FRN=xxxx, ExtRC=xxxx]

Explanation: Something happened while adding a key field attribute to the data store.

xxxx and yyyy are message numbers from the folder manager APIs.

User response: Look up message numbers xxxx and yyyy in *Content Manager Messages and Codes Version 7 Release 1* and take the documented action.

Source: Java or C++ APIs.

DGL0434A   Error while deleting an attribute. [FRN=xxxx, ExtRC=yyyy]

Explanation: Something happened while deleting a key field attribute from the data store. Perhaps because this attribute is being used by an index class.

xxxx and yyyy are message numbers from the folder manager APIs.

User response: Look up message numbers xxxx and yyyy in *Content Manager Messages and Codes Version 7 Release 1* and take the documented action.

Source: Java or C++ APIs.

DGL0435A   Error while updating an attribute. [FRN=xxxx, ExtRC=yyyy]

Explanation: Something happened while updating a key field attribute in the data store. Perhaps because this attribute is being used by an index class.

xxxx and yyyy are message numbers from the folder manager APIs.

User response: Look up message numbers xxxx and yyyy in *Content Manager Messages and Codes Version 7 Release 1* and take the documented action.

Source: Java or C++ APIs.

DGL0436A   Error while adding an index class. [FRN=xxxx, ExtRC=yyyy]

Explanation: something happened while adding a new index class to the data store.

xxxx and yyyy are message numbers from the folder manager APIs.

User response: Look up message numbers xxxx and yyyy in *Content Manager Messages and Codes Version 7*

Release 1 and take the documented action.

Source: Java or C++ APIs.

DGL0437A   Attribute not found.

Explanation: An error occurred while attempting to retrieve the attribute ID or the attribute name from the datastore.

User response: Make sure that the attribute name is spelled correctly and that the ID number is correct.

Source: Java or C++ APIs.

DGL0438A   Error while deleting an index class. [FRN=xxxx, ExtRC=yyyy]

Explanation: Something happened while deleting an index class from the data store.

xxxx and yyyy are message numbers from the folder manager APIs.

User response: Look up message numbers xxxx and yyyy in *Content Manager Messages and Codes Version 7 Release 1* and take the documented action.

Source: Java or C++ APIs.

DGL0439A   Neither attribute ID nor attribute name is set.

Explanation: An error occurred while defining an attribute for an index class.

User response: Set the attribute name (`attrName`) or attribute ID (`attrId`), which are data members of the `DKClassAttribute` object.

Source: Java or C++ APIs.

DGL0440A   Error while starting a server task that updates an index. [IML=xxxx, DiagnosisInfo=yyyy]

Explanation: Something happened when a server task that updates an index was started.

xxxx and yyyy are the message numbers from the Text Search Engine API.

User response: Look up message numbers xxxx and yyyy in the *Text Search Engine Application Programming Reference*, and take the documented action.

Source: Java or C++ APIs.

DGL0441A   Error. Object has already been deleted.

Explanation: The object no longer exists.

User response: Make sure that you have specified the correct object. If so, do not repeat the delete operation.

Source: Java or C++ APIs.

DGL0442A   Error in creation of a remote class.

Explanation: An error occurred while creating a remote class. The class was not created.

This error might be caused by one of the following conditions:

- There is a problem with the network.
- There was a communications error.
- The server is not active.
- The daemon is not active.

User response: Make sure that your network is running properly. Check the error logging facility for messages from other components and correct any conditions reported. Then try again.

Source: Java or C++ APIs.

DGL0443A   Item ID is not found.

Explanation: The specified item ID cannot be found in the server.

User response: Make sure that the item ID is spelled correctly.

Source: Java or C++ APIs.

DGL0444A   Part ID exists.

Explanation: A part ID is identified by its item ID, part ID, and repType (representation type). Each part ID must be unique.

User response: Use a unique combination of item ID, part ID, and repType (representation type).

Source: Java or C++ APIs.

DGL0445A   Error while getting message type. [FRN=xxxx, ExtRC=yyyy]

Explanation: Something happened while getting the message type.

xxxx and yyyy are message numbers from the folder manager APIs.

User response: Look up message numbers xxxx and yyyy in *Content Manager Messages and Codes Version 7 Release 1* and take the documented action.

Source: Java or C++ APIs.

DGL0446A   Error while clearing an index. [IML=xxxx, DiagnosisInfo=yyyy]

Explanation: Something happened while clearing an index.

xxxx and yyyy are the message numbers from the Text Search Engine API.

User response: Look up message numbers xxxx and

yyyy in the *Text Search Engine Application Programming Reference*, and take the documented action.

Source: Java or C++ APIs.

DGL0447A   Error while creating an index. [IML=xxxx, DiagnosisInfo=yyyy]

Explanation: Something happened while creating an index.

xxxx and yyyy are the message numbers from the Text Search Engine API.

User response: Look up message numbers xxxx and yyyy in the *Text Search Engine Application Programming Reference* and take the documented action.

Source: Java or C++ APIs.

DGL0448A   Error while deleting an index. [IML=xxxx, DiagnosisInfo=yyyy]

Explanation: Something happened while deleting an index.

xxxx and yyyy are the message numbers from the Text Search Engine API.

User response: Look up message numbers xxxx and yyyy in the *Text Search Engine Application Programming Reference*, and take the documented action.

Source: Java or C++ APIs.

DGL0449A   Error while getting index information. [IML=xxxx, DiagnosisInfo=yyyy]

Explanation: Something happened while getting index information.

xxxx and yyyy are the message numbers from the Text Search Engine API.

User response: Look up message numbers xxxx and yyyy in the *Text Search Engine Application Programming Reference*, and take the documented action.

Source: Java or C++ APIs.

DGL0450A   Error while getting index function status. [IML=xxxx, DiagnosisInfo=yyyy]

Explanation: Something happened while getting index function status.

xxxx and yyyy are the message numbers from the Text Search Engine API.

User response: Look up message numbers xxxx and yyyy in the *Text Search Engine Application Programming Reference*, and take the documented action.

Source: Java or C++ APIs.

DGL0451A   **Error while starting search engine. [FRN=xxxx, ExtRC=yyyy]**

Explanation: Something happened while starting the search engine user exit routine.

xxxx and yyyy are message numbers from the folder manager APIs.

User response: Look up message numbers xxxx and yyyy in *Content Manager Messages and Codes Version 7 Release 1* and take the documented action.

Source: Java or C++ APIs.

DGL0452A   **Error while setting index function status. [IML=xxxx, DiagnosisInfo=yyyy]**

Explanation: Something happened while setting the index function status.

xxxx and yyyy are the message numbers from the Text Search Engine API.

User response: Look up message numbers xxxx and yyyy in the *Text Search Engine Application Programming Reference*, and take the documented action.

Source: Java or C++ APIs.

DGL0453A   **The host name, user ID, or password is not set for the media server.**

Explanation: To add a streaming video object to the media server, set the correct information in the media stream data. For example, host name, user ID and password.

User response: Set the host name, user ID, and password in the media stream data object.

Source: Java or C++ APIs

DGL0454A   **Full path file name or object option is not set for media object.**

Explanation: You cannot add a streaming video object to the media server because you have not set the source file name information in the media stream data.

User response: Set the file name in the media stream data.

Source: Java or C++ APIs

DGL0455A   **Required media user data is not set for media object.**

Explanation: You cannot add a streaming video object to the media server because you have not set the required media stream data.

User response: Set the media stream data to be the extension of the blob object before adding the blob.

Source: Java or C++ APIs

DGL0456A   **The system does not support the update of media object.**

Explanation: Updating a media object is not supported.

User response: Correct your program.

Source: Java or C++ APIs

DGL0457A   **Invalid type conversion; DKAny contains a null object pointer.**

Explanation: An invalid data type conversion occurred because the DKAny object contains a null object pointer.

User response: Check for null pointer condition before using the object pointer. If you are not expecting a null pointer, you have an error somewhere in your program. Correct your program.

Source: C++ APIs

DGL0458A   **The datastore is not set.**

Explanation: The datastore value is not set in this object.

User response: Set the datastore to correct your program.

Source: Java or C++ APIs

DGL0459A   **Extension not supported: [*nnn*].**

Explanation: The extension name is not supported.

User response: Verify that the extension is supported before starting the function. Use the method isSupported(extName) or listFunctions() in dkDatastoreExt object to verify support.

Source: Java or C++ APIs

DGL0460A   **Function not implemented for multi-stream BLOBs.**

Explanation: The DKBlobDL method is not designed to work if the object is a multi-stream BLOB.

User response: Correct your program.

Source: Java or C++ APIs

DGL0461A   **Stream does not exist.**

Explanation: You requested information for a stream that does not exist.

User response: Use the listStreamName method to obtain a list of existing stream names.

Source: Java or C++ APIs

DGL0462A   User ID required.

Explanation: The user ID parameter is null.

User response: Correct your program. Make sure that the user ID parameter is not null.

Source: Java or C++ APIs

DGL0463A   Old password required.

Explanation: The old password parameter is null.

User response: Make sure that the old password parameter is not null.

Source: Java or C++ APIs

DGL0464A   Invalid password.

User response: Correct the program or catch the exception.

Source: Java or C++ APIs

DGL0465A   User ID not found.

Explanation: The user ID cannot be found in the user database.

User response: Correct the program or catch the exception.

Source: Java or C++ APIs

DGL0466A   Wrong password.

Explanation: The password does not match the password in the user database.

User response: Correct the program or catch the exception.

Source: Java or C++ APIs

DGL0467A   Invalid schema mapping name: [*nnn*].

Explanation: The specified schema mapping name is not valid.

User response: Correct your program or catch the exception.

Source: Java or C++ APIs

DGL0468A   Invalid query expression.

Explanation: The query expression is not valid.

User response: A query expression is invalid if it contains a null term, more than one parametric query, or more than one text query. Correct your program.

Source: Java or C++ APIs

DGL0469A   Invalid query expression; invalid logical operator.

Explanation: The logical operator specified in the query expression is not AND or OR.

User response: Only use AND or OR logical operators.

Source: Java or C++ APIs

DGL0470A   Entity is not found: [*nnn*].

Explanation: The entity with the given name is not found.

User response: Either the given entity name is wrong or does not exist. Correct your program.

Source: Java or C++ APIs

DGL0471A   Query type is not supported: [*number*].

Explanation: The given query type is not supported. Certain datastores support only certain query types. For example, federated datastore supports federated query language type but does not support SQL query language type.

User response: Verify that the query type you are attempting to use is supported by the datastore that you are trying to access. Use the supported query type.

Source: Java or C++ APIs

DGL0472A   Item ID is not set.

Explanation: The item ID is not set.

User response: Set the item ID before calling this function.

Source: Java or C++ APIs

DGL0473A   Object type is not set.

Explanation: The object type is not set.

User response: Set the object type prior to calling this function.

Source: Java or C++ APIs

DGL0474A   Datastore name is not set.

Explanation: The datastore name is not set.

User response: Set the datastore name prior to calling this function.

Source: Java or C++ APIs

DGL0475A   **Invalid data store type: [*nnn*].**

Explanation: This data store type is not valid. Some valid data store types are DL, V4, IP, OD, DES, DD, FED, ICM, DJ, DB2, ODBC, and JDBC.

User response: Correct your program or the mapping information.

Source: Java or C++ APIs

DGL0476A   **Schema mapping not found: [*nnn*].**

Explanation: The schema mapping is not found.

User response: Correct your program or define the schema mapping.

Source: Java or C++ APIs

DGL0477A   **Schema mapping inconsistent: [*nnn*].**

Explanation: The schema mapping is not consistent. For example, the entity name in the query expression is not the same as the mapped entity name.

User response: Correct your program or the schema mapping definition.

Source: Java or C++ APIs

DGL0478A   **Schema mapping error, entity not found: [*nnn*].**

Explanation: The entity specified in the schema mapping is not found in the datastore.

User response: Correct your program or the schema mapping definition.

Source: Java or C++ APIs

DGL0479A   **Object type not found: [*nnn*].**

Explanation: The specified object type is not found.

User response: The given object type is not correct or does not exist. For a regular data store, use `listEntities()` to get the valid object types, or, for a federated data store, use `listSchemaMapping()`. Correct your program, as needed.

Source: Java or C++ APIs

DGL0480A   **Null query expression.**

Explanation: The submitted query expression must not be null.

User response: Correct your program.

Source: Java or C++ APIs

DGL0481A   **Display attribute not found: [*nnn*].**

Explanation: The specified display attribute is not found in the datastore.

User response: Correct your program or the search template definition.

Source: Java or C++ APIs

DGL0482A   **Function is not supported: [*nnn*].**

Explanation: The specified function is not supported in this release.

User response: Do not use this function or catch the exception.

Source: Java or C++ APIs

DGL0483A   **Prompt for user ID and password for server: [*nnn*].**

Explanation: This exception is thrown to give you the option to direct the user to enter a user ID and password to logon.

User response: In your program, catch the exception and the provided code to get the user ID and password from a selected input medium.

Source: Java or C++ APIs

DGL0484A   **Error in query execution.**

Explanation: An error occurred while running a query.

User response: Correct your query for these possible causes of the error: an error in the given query, an error in the schema mapping (if used), or an error in the server (for example, the server is down).

Source: Java or C++ APIs

DGL0485A   **Part exists.**

Explanation: You cannot create a binary data file that exists.

User response: Specify a different binary data file to add.

Source: Java or C++ APIs

DGL0486A   **File name is not set.**

Explanation: You specified an invalid file name while trying to create an object.

User response: Specify a valid file name and attempt to create the object again.

Source: Java or C++ APIs

DGL0487A   Persistent ID is not set.

Explanation: A persistent ID (PID) is not set for an XDO or DDO.

User response: Set the PID for the XDO or DDO.

Source: Java or C++ APIs

DGL0488A   Primary keys are not defined.

Explanation: Primary keys are not defined in the persistent ID (PID) for a DDO or XDO.

User response: Define primary keys in the PID for the XDO or DDO.

Source: Java or C++ APIs

DGL0489A   Primary ID is not set.

Explanation: No primary ID is defined for the table you have accessed. If you work with a table without the primary ID defined, you cannot retrieve, add, update, or delete rows.

User response: Make sure that the primary ID is defined for the table you are working with.

Source: Java or C++ APIs

DGL0490A   Table columns are not defined.

Explanation: The retrieved tables do not contain columns.

User response: Make sure that tables have columns defined.

Source: Java or C++ APIs

DGL0491A   Data object not found.

Explanation: An object cannot be found because the specified persistent ID (PID) is invalid.

User response: Specify a valid PID.

Source: Java or C++ APIs

DGL0492A   MIME type is not defined.

Explanation: The specified MIME type is invalid.

User response: Specify a valid MIME type.

Source: Java or C++ APIs

DGL0493A   Content type is not defined.

Explanation: You tried to delete a content class definition from Content Manager Version 6 and Version 7 that is invalid.

User response: Specify a valid content class definition.

Source: Java or C++ APIs

DGL0494A   Content definition ID not found.

Explanation: You tried to get a content class definition, but the content definition ID you specified is invalid.

User response: Specify a valid content definition ID.

Source: Java or C++ APIs

DGL0495A   Subentity not found.

Explanation: An invalid subentity was requested given the current state of the DDO or given the data model definition.

User response: Correct your programming to redefine the subentity. Consider retrieving the DDO with a retrieval option to include subentities.

Source: Java or C++ APIs

DGL0496A   Component type name not specified.

Explanation: One cause is that the component type name was not specified in a PID of a DDO. Another cause is that an operation passed a parameter asking for the component type name, but the component type name was left blank.

User response: Correct your programming to specify the component type name in the DDO PID object type or in the correct function parameter.

Source: Java or C++ APIs

DGL0497A   Environment variable %1 is not found.

Explanation: A required environment vari able was not found.

Prefix is the component ID. FRN is for Folder Manager; IML is for the Text Search Engine. MoreInfo is additional error information. ExtRC is for Folder Manager; DiagnosisInfo is for the Text Search Engine. xxxx and yyyy are the message numbers that are returned by the component.

User response: Set the environment variable.

Source: Java or C++ APIs.

DGL0498A   A 64 bit JVM is not supported for %1.

Explanation: A 32 bit JVM is supported, not 64 bit JVM.

User response: Use 32-bit JVM to run your application.

Source: Java or C++ APIs.

DGL0501A   MIME2app does not exist.

Explanation: You tried to view a retrieved object, but the system cannot find the MIME2app object.

User response: List all MIME2app objects in the database to see whether this object exists. You can add a new MIME2app object to the database if it does not exist.

Source: Java or C++ APIs

DGL0502A   Unable to create a MIME2app object.

Explanation: A new MIME2app object cannot be stored to the database after it is created in the application.

User response: Record the return code and see your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL0503A   Unable to delete a MIME2app object.

Explanation: A MIME2app object cannot be deleted from the database after it is deleted in the application.

User response: List all MIME2app objects in the database to see whether this object exists. If it exists, record the return code and see your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL0504A   Unable to update a MIME2app object.

Explanation: A MIME2app object in the database cannot be updated after it is updated in the application.

User response: List all MIME2app objects in the database to see whether this object exists. If it exists, record the return code and see your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL0505A   Unable to retrieve a MIME2app object.

Explanation: A MIME2app object cannot be retrieved from the database.

User response: List all MIME2app objects in the database to see whether this object exists. If it exists, record the return code and see your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL0506A   Unable to retrieve all MIME2app objects.

Explanation: The system cannot retrieve all MIME2app objects from the database.

User response: Record the return code and see your

system administrator or IBM service representative.

Source: Java or C++ APIs

DGL0507A   There is already a MIME2app object with the same name.

Explanation: You cannot add a MIME2app object that exists in the system.

User response: Record the return code and see your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL0508A   Unable to delete all MIME2app objects.

Explanation: The system cannot delete all MIME2app objects from the database.

User response: Record the return code and see your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL0511A   The requested cc2MIME object does not exist.

Explanation: The system cannot find the name of the requested cc2MIME object in the database.

User response: Make sure that the name of the requested cc2MIME object is correct. Record the return code and see your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL0512A   Unable to create a cc2MIME object.

Explanation: A new cc2MIME object cannot be stored to the database after created in the application.

User response: Record the return code and see your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL0513A   Unable to delete a cc2MIME object.

Explanation: A cc2MIME object cannot be deleted from the database after deleted from the application.

User response: List all cc2MIME objects in the database to see whether this object exists. If it exists, record the return code and see your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL0514A   Unable to update a cc2MIME object.

Explanation: A cc2MIME object in the database cannot be updated.

User response: List all cc2MIME objects to see

whether this object exists. If it exists, record the return code and see your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL0515A   Unable to retrieve a cc2MIME object.

Explanation: A cc2MIME object cannot be retrieved from the database.

User response: List all cc2MIME objects to see whether this object exists. If it exists, record the return code and see your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL0516A   Unable to list all the cc2MIME objects.

Explanation: The system is unable to list all the cc2MIME objects in the database.

User response: Record the return code and see your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL0517A   There is already a cc2MIME object with the same name.

Explanation: You tried to add a new cc2MIME object to the database, but a cc2MIME object with the same name exists.

User response: Record the return code and see your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL0518A   Unable to delete all cc2MIME objects.

Explanation: The system cannot delete all cc2MIME objects from the database.

User response: Record the return code and see your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL0519A   Explicit transaction has expired. The approximate commit time expected, *%1*, violates the maximum transaction length of *%2* seconds. Therefore, the transaction will be rolled back, and all persistent updates after the explicit start transaction call are rolled back.

Explanation: There is a maximum amount of time that can exist between the start of an explicit transaction and the committing of that explicit transaction. When the maximum duration for an explicit transaction for a particular data store expires, the transaction is rolled back by the system at its discretion. When that explicit transaction is committed, this error is thrown if the

estimated actual commit time exceeds the maximum duration.

User response: Finish your transaction within the correct time. Transactions must not remain open for long periods of time. Make persistent changes over a shorter time. Check out all items to be modified, modify your data in memory, start a transaction, make changes persistent, and then commit your transaction.

Source: Java or C++ APIs.

DGL0521A   The requested privilege set does not exist.

Explanation: You requested a privilege set to view or update items, but the privilege set object you requested does not exist.

User response: Record the return code and see your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL0522A   Unable to create a privilege set object.

Explanation: A new privilege set object cannot be stored to the database after it is created in the application.

User response: Record the return code and see your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL0523A   Unable to delete the requested privilege set object.

Explanation: The requested privilege set object cannot be deleted from the database.

User response: List all privilege set objects in the database to see whether this object exists. If it exists, record the return code and see your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL0524A   Unable to update the requested privilege set object.

Explanation: A privilege set object in the database cannot be updated after it is updated in the application.

User response: List all privilege set objects to see whether this object exists. If it exists, record the return code and see your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL0525A   There is already a privilege set object with the same name.

Explanation: You cannot add a new privilege set object to the database when a privilege set object with the same name exists.

User response: List all privilege set objects to see whether this object exists. If it exists, record the return code and see your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL0526A   Unable to retrieve the requested privilege set object.

Explanation: You have requested a privilege set object to view or update items, but the requested privilege set object cannot be retrieved from the database.

User response: List all privilege set objects to see whether this object exists. If it exists, record the return code and see your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL0527A   The user or group is not authorized for the requested privilege.

Explanation: The action of the user or user group is not listed in the corresponding privilege set.

User response: Record the return code and see your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL0531A   The requested access control list does not exist.

Explanation: You tried to update or delete an access control list, but the access control list does not exist.

User response: No action is necessary if you are trying to delete the access control list. Add a new access control list if you want to perform further action on it.

Source: Java or C++ APIs

DGL0532A   Unable to create an access control list object.

Explanation: A new access control list object cannot be stored to the database after it is created in the application.

User response: Record the return code and see your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL0533A   Unable to delete the requested access control list object.

Explanation: The requested access control list object cannot be deleted from the database.

User response: List all access control list objects in the database to see whether this object exists. If it exists, record the return code and see your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL0534A   Unable to update the requested access control list object.

Explanation: An access control list object in the database cannot be updated.

User response: List all access control list objects to see whether this object exists. If it exists, record the return code and see your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL0535A   There is already an access control list object with the same name.

Explanation: You cannot add a new access control list object to the memory, but an access control list object with the same name exists.

User response: Change the name of the access control list object in the memory to a different name or add a new access control list object.

Source: Java or C++ APIs

DGL0536A   Unable to retrieve the requested access control list object.

Explanation: You requested an access control list object, but it cannot be retrieved from the database.

User response: List all access control list objects to see whether this object exists. If it exists, record the return code and see your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL0537A   The requested user or group name exists in the current access control list.

Explanation: The requested user or user group name exists in the current access control list. A particular user in the access control list can only be associated with one privilege set.

User response: No action is necessary if you are trying to add a new user or user group name. If you are trying to update the user or user group name, remove the old user group name and add a new one.

Source: Java or C++ APIs

DGL0538A   **The requested user or group name does not exist in the current access control list.**

Explanation: The requested user or user group name does not exist in the current access control list.

User response: List all access control list objects to see whether the user or group name match with the privilege set.

Source: Java or C++ APIs

DGL0540A   **DDO XML attribute not found.**

Explanation: The specified attribute of a set of DDO XML domain cannot be found in the XML document.

User response: See the DDO DTD file for how to specify it correctly and try again.

Source: Java or C++ APIs

DGL0541A   **Service is already registered.**

Explanation: An error occurred while registering a service that was already registered.

User response: No action is necessary. The service was already registered.

Source: Java or C++ APIs

DGL0542A   **Service is not available.**

Explanation: An error occurred while trying to unregister a service that had not been registered.

User response: Register the service before unregistering it.

Source: Java or C++ APIs

DGL0543A   **Name cannot be null or empty.**

Explanation: The path name as an input parameter must not be null or an empty string.

User response: Correct your program to make sure that the path is valid and attempt again.

Source: Java or C++ APIs

DGL0544A   **Unable to unlock item.**

Explanation: An item is not checked out or is checked out by a different user ID.

User response: Make sure that the item is checked out by your user ID.

Source: Java or C++ APIs

DGL0545A   **Unable to check in item.**

Explanation: An item has not been checked out or has been checked out by a different user ID.

User response: Make sure that the item is checked out by your user ID.

Source: Java or C++ APIs

DGL0546A   **Unable to check out item.**

Explanation: An item is either locked or checked out by a different user ID.

User response: Make sure that the item is not locked or checked out by another user ID.

Source: Java or C++ APIs

DGL0547A   **Item has been checked out by another user ID.**

Explanation: An item has been checked out by a different user ID.

User response: Make sure that the item is unlocked.

Source: Java or C++ APIs

DGL0548A   **Item has not been checked out.**

Explanation: An item is not checked out or is checked out by a different user ID.

User response: Make sure that the item is checked out by your user ID.

Source: Java or C++ APIs

DGL0549A   **The DDO XML attribute value is invalid: [*nnn*].**

Explanation: The specified value of the attribute in the XML document is invalid.

User response: Correct your XML document accordingly and try again. You might see the user guide for how to create a DDO XML attribute.

Source: Java or C++ APIs

DGL0550A   **The specified path does not exist: [*nnn*].**

Explanation: The specified path for XML output cannot be found in the system.

User response: Correct your program and make sure that the specified path for XML output exists in the system.

Source: Java or C++ APIs

DGL0551A   The XML parser encounters an error: [*nnn*].

Explanation: The parser reports an error while parsing an XML document.

This error might be caused by an invalid password being used for communications between the resource manager and Tivoli Storage Manager. If so, you can see the following error in `icmrm.logfile` during resource manager initialization:

```
ICMRM:ERROR   2005-01-05 10:23:46,605
[P=617464:O=0:CT ] - ICM9850: dsmInit failed,
return code: 137
- createTSMHandle(TSMManager.java:331)
```

User response: Correct your XML document accordingly and try again.

Update the `RMACCESS` table with the correct password (a three step process).

1. Determine the user ID used by the resource manager to communicate with Tivoli Storage Manager. Use the following queries, entering each query on a single line and replacing the variables in italics with the correct information for your system.

    ```
    db2 connect to resource_manager_database_name
    user resource_manager_admin_userid using
    admin_password

    db2 select acc_userid, acc_username from
    rmaccess
    ```

    The output looks like the following:
    ```
    ACC_USERID  ACC_USERNAME
    ----------  ------------
            0   RMADMIN
            1   ICMADMIN
            2   SISIMGOBJ
    ```

    Important: Your output has a different user ID than `'SISIMGOBJ'`. Neither `RMADMIN` or `ICMADMIN` are used for Tivoli Storage Manager.

2. Update the RMACCESS table with the correct password. Enter the following command on a single line:

    ```
    db2 update rmaccess set  acc_password =
    'case_sensitive_password'
    where acc_username = 'user_name'
    ```

3. Stop and then restart the icmrm application.

Source: Java or C++ APIs

DGL0552A   Cannot reset the value.

Explanation: Once the connection is created, you cannot reset the properties for connection object.

User response: None. If you want to change the connection properties, you must destroy the connection object and restart.

Source: Java or C++ APIs

DGL0553A   The connection pool has reached the maximum pool size and no connection is available. A new connection cannot be created.

Explanation: The number of connections in use has reached the maximum setting.

User response: If you are programming Java APIs, go to http://publib.boulder.ibm.com/infocenter/cmgmt/v8r4m0/topic/com.ibm.java.doc/com/ibm/mm/sdk/common/DKDatastorePool.html, then scroll down to the instance method `setMinAndMaxPoolSize`.

If you are programming C++ APIs, go to http://publib.boulder.ibm.com/infocenter/cmgmt/v8r4m0/topic/com.ibm.apr.doc/icmprmst09.htm, then scroll down to the member function `setMaxPoolSize`.

If you are not programming APIs, but instead are using a prepackaged application as part of the IBM Content Manager family of products, see that applications prepackaged documentation to determine if there is a configuration file that controls the size of a `DKDatastorePool`. For example, for IBM Document Manager, the applicable configuration file is `DdmConnCfg.ini`.

Source: Java or C++ APIs

DGL0554A   Datastore does not belong to the collection pool.

Explanation: The datastore object that you tried to return does not belong to this pool.

User response: None.

Source: Java or C++ APIs

DGL0555A   Collection does not belong to the collection pool.

Explanation: The connection object that you tried to return does not belong to this pool.

User response: None.

Source: Java or C++ APIs

DGL0556A   Failed to add administrative domain.

Explanation: An error occurred while adding an administrative domain.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL0557A   Failed to update administrative domain.

Explanation: An error occurred while updating an administrative domain.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL0558A   Failed to delete administrative domain.

Explanation: An error occurred while deleting an administrative domain.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL0559A   Failed to list or retrieve administrative domains.

Explanation: An error occurred while listing or retrieving administrative domains.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL0560A   Source item does not have a DKFolder attribute.

Explanation: The source item does not have a `DKConstant.DK_CM_DKFOLDER` attribute. It might not be a valid folder. The item might have been retrieved without the appropriate retrieval options.

User response: Use a valid folder for the source item with a `DK_CM_DKFOLDER` attribute or retrieve the item with any necessary retrieval options.

Source: Java or C++ APIs

DGL0561A   The specified source folder DKDDO contains a DKFolder collection object that it does not own.

Explanation: The DKFolder collection used does not belong to the source item specified. The DKFolder objects must be the same reference.

User response: Use the correct and same DKFolder object reference found in the source item.

Source: Java or C++ APIs

DGL0562A   Internal error occurred.

Explanation: An internal error occurred.

User response: See your IBM service representative.

Source: Java or C++ APIs

DGL0563A   The link source item is not set. It must be specified before this operation.

Explanation: The source item of the link must be specified before this operation.

User response: You must set the source item of the link.

Source: Java or C++ APIs

DGL0564A   Source item does not have a DKParts attribute.

Explanation: The source item does not have a `DKConstant.DK_CM_DKPARTS` attribute. It might not be a valid document. The item might have been retrieved without the appropriate retrieval options.

User response: Use a valid document for the source item with a `DK_CM_DKPARTS` attribute or retrieve the item with any necessary retrieval options.

Source: Java or C++ APIs

DGL0565A   DKParts DDo's DKParts attribute referencing to an invalid DKParts collection as opposed to itself.

Explanation: The DKParts collection does not belong to the source item (for example, the owner, container, or document) specified in the operation.

User response: Use a valid DKParts collection.

Source: Java or C++ APIs

DGL0566A   User name cannot be empty in DKAuthenticationData class.

Explanation: A user name data member in the `DKAuthenticationData` object is not defined.

User response: Define the user name in the `DKAuthenticationData` object.

Source: Java or C++ APIs

DGL0567A   End of file occurred while reading.

Explanation: An EOF (end of file) unexpectedly occurred while reading the file.

User response: Make sure that the current file is valid and has not been corrupted and then retry the operation.

Source: Java or C++ APIs

DGL0568A   **End of input stream reached while reading HTTP response.**

Explanation: The end of input stream was reached while reading the HTTP response.

User response: Make sure that the current file is valid and has not been corrupted and then retry the operation.

Source: Java or C++ APIs

DGL0569A   **Invalid parsing action was attempted while the query was being parsed.**

Explanation: An unexpected internal processing error occurred while parsing a query string.

User response: Contact your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL0570A   **Invalid object. Object must be an instance of: [*nnn*].**

Explanation: An incorrect subclass type for this object was used. The subclass type must be the specified instance or subclass of the parameter type.

User response: Use only objects of the specified subclass with this function or use the appropriate function or object to handle this operation for the actual subclass you are using.

Source: Java or C++ APIs

DGL0571A   **Invalid logical operator, operator: [*nnn*].**

Explanation: An incorrect or invalid logical operator was used.

User response: Correct the operator in your program and retry the operation.

Source: Java or C++ APIs

DGL0572A   **Invalid operator, operator: [*nnn*].**

Explanation: An incorrect or invalid operator was used.

User response: Correct the operator in your program and retry the operation.

Source: Java or C++ APIs

DGL0573A   **At least one value required for operator: [*nnn*].**

Explanation: This unary operator requires one operand.

User response: Correct the input parameter in your program and retry the operation.

Source: Java or C++ APIs

DGL0574A   **At least two values required for operator: [*nnn*].**

Explanation: This binary operator requires two operands.

User response: Correct the input parameter in your program and retry the operation.

Source: Java or C++ APIs

DGL0575A   **Null array. Invalid input.**

Explanation: A null array is not valid input.

User response: Correct the input parameter in your program and retry the operation.

Source: Java or C++ APIs

DGL0576A   **Array size must be at least two.**

Explanation: An array size of greater than or equal to two is required.

User response: Correct the input parameter in your program and retry the operation.

Source: Java or C++ APIs

DGL0577A   **Internal error: At least one query required.**

Explanation: An internal error occurred.

User response: See your IBM service representative.

Source: Java or C++ APIs

DGL0578A   **Internal error: Number of queries must be zero at this state, no. query: [*nnn*].**

Explanation: An internal error occurred.

User response: See your IBM service representative.

Source: Java or C++ APIs

DGL0579A   **Internal error: Illegal state, state [*nnn*].**

Explanation: An internal error occurred.

User response: See your IBM service representative.

Source: Java or C++ APIs

DGL0580A   **Unable to connect to database: [*nnn*].**

Explanation: Cannot create a connection with the specified database name, user ID, and password.

User response: Try a different database name, user ID, or password.

Source: Java or C++ APIs

DGL0581A   Session ID not found.

Explanation: You tried to get a database connection from the pool, but the specified session ID does not exist in the pool.

User response: Change the session ID and retry the connection.

Source: Java or C++ APIs

DGL0582A   Missing one or more required input values for adding or updating user.

Explanation: Name, password, privilege code, resource manager, collection, and item access list are required input values.

User response: Make sure all of the required input values that are listed in the explanation are specified.

Source: Java or C++ APIs

DGL0583A   Invalid password length

Explanation: The length of the specified password is out of the valid range. The password must be less than 32 characters.

User response: Ensure that your password is in the valid range, less than 32 characters.

Source: Java or C++ APIs

DGL0584A   The server name does not exist.

Explanation: The data store name specified does not exist.

User response: Check your environment and make sure that the specified server has been added to the client configuration for that server.

Source: Java or C++ APIs

DGL0585A   The password expiration day cannot exceed 65535 days.

Explanation: The password expiration specified is out of the valid range. The valid range of the password expiration is 0 - 65535 days.

User response: Choose a password expiration in the valid range, 0 - 65535 days.

Source: Java or C++ APIs

DGL0586A   The user password has expired.

Explanation: No further explanation is required.

User response: Reset or change the password for this server.

Source: Java or C++ APIs

DGL0587A   The database schema was not found during a connection to the specified server.

Explanation: The database schema was not found during a connection to the specified server.

User response: The database schema must be specified during the connection or in the server definition for the specified server that is used.

Source: Java or C++ APIs

DGL0588A   Invalid data ID was supplied to the DDO.

Explanation: The user has specified an invalid data ID for the DDO.

User response: Specify a valid property ID for the DDO.

Source: Java or C++ APIs

DGL0589A   Invalid property ID was supplied to the DDO.

Explanation: You specified an invalid property ID for the DDO.

User response: Specify a valid property ID for the DDO.

Source: Java or C++ APIs

DGL0590A   The length of user name cannot exceed 32 characters long.

Explanation: The length of user name cannot exceed 32 characters.

User response: Limit the length of user name to 32 or less characters.

Source: Java or C++ APIs

DGL0591A   The length of the user group name cannot exceed 32 characters long.

Explanation: The length of user group name cannot exceed 32 characters.

User response: Limit the length of user group name to 32 or less characters.

Source: Java or C++ APIs

DGL0592A   You cannot delete the user ID because you are currently using it to connect to the server.

Explanation: You cannot delete the user ID because you are currently using it to connect to the server.

User response: Log off and use another user ID to log on again; then you can delete this user ID.

Source: Java or C++ APIs

DGL0593A Cannot delete a system-defined user group.

Explanation: You cannot delete a system-defined user group.

User response: Do not delete a system-defined user group.

Source: Java or C++ APIs

DGL0594A This operation cannot be performed within an explicit transaction.

Explanation: This operation cannot be performed within an explicit transaction.

User response: Perform this operation outside the scope of an explicit transaction.

Source: Java or C++ APIs

DGL0595A The ICMNLSSP DLL or library cannot be loaded. The library might bemissing, the environment configuration in error, or the schema name specified incorrectly either during connection or in the .ini files.

Explanation: No further explanation required.

User response: Make sure that the DLL or library is located in the correct directory. Also make sure that the configuration files have the correct schema specified (generally `ICMSCHEMA=ICMADMIN` in cmbicmsrvs.ini file or `FEDSCHEMA=ICMADMIN` in cmbds.ini file).

Source: Java or C++ APIs

DGL0596A System administration object set in import list is null.

Explanation: The input object describing system administration definition is null.

User response: When importing, verify that the system administration object that you import is not null.

Source: Java APIs

DGL0597A Data model object set in import list is null.

Explanation: The input object describing data model definition is null.

User response: When importing, verify that the data model object that you import is not null.

Source: Java APIs

DGL0598A Internal error: the parent XSD object is null.

Explanation: The parent of the XSD component is null on the export data model object.

User response: Contact your IBM representatives with the appropriate information.

Source: Java APIs

DGL0599A Data model object does not exist in system.

Explanation: The requested data model object on export data model object does not exist in the persistent store.

User response: Make sure that the name of the data model object is correct.

Source: Java APIs

DGL0600A Data model object type is not valid. Please see DKConstant.java for valid data model object types.

Explanation: Data model object type is not valid.

User response: Provide correct object type as input. Check `DKConstant.java` for valid object type.

Source: Java or C++ APIs

DGL0601A Internal error: XSD element is empty or null.

Explanation: The XSD element generated on export of data model objects is empty or null.

User response: Contact your IBM representative with the appropriate information.

Source: Java APIs

DGL0602A Internal error: Error while adding XML schema annotations to XSD component.

Explanation: Internal error: Add the annotations to an item that cannot be annotated.

User response: Contact your IBM representative with the appropriate information.

Source: Java APIs

DGL0603A Internal error: Input DOM object is null.

Explanation: The input DOM object is null when converting the DOM object to outputStream object.

User response: Contact your IBM representatives with the appropriate information.

Source: Java APIs

DGL0604A   OutputStream object is null.

Explanation: The OutputStream provided to return DOM object as stream is null.

User response: Provide valid output stream object as input to convert DOM object to stream object.

Source: Java APIs

DGL0605A   Internal error: XML object representing system administration object is null.

Explanation: XML object generated when export of system administration object is null.

User response: Contact your IBM representative with the appropriate information.

Source: Java APIs

DGL0606A   Internal error: XSD object for Data model object is null.

Explanation: XSD object generated on export of data model objects is null.

User response: Contact your IBM representatives with the appropriate information.

Source: Java APIs

DGL0607A   Data model or system administration object type is not valid.

Explanation: Provide correct object type as input. Check `DKConstant.java` for valid object type definitions.

User response: Provide correct object type as input. Check `DKConstant.java` for valid object type definitions.

Source: Java or C++ APIs

DGL0608A   Duplicate names of the same type in the export list.

Explanation: Duplicate object names present in the export list that was provided by user to perform Export of data model or system administration objects.

User response: Remove duplicates from export list, and invoke export functionality again.

Source: Java APIs

DGL0609A   Invalid resource object format.

Explanation: Option provided by user for resource object format is not valid.

User response: Check `DKConstant.java` for valid resource format options.

Source: Java or C++ APIs

DGL0610A   The given data instance object is not valid.

Explanation: The DDO or XDO object provided is not valid.

User response: Provide valid DDO or XDO object and try again. If you receive the same error message, contact your IBM representative.

Source: Java or C++ APIs

DGL0611A   Internal error: Parent DOM object is null.

Explanation: Root DOM object created is null.

User response: Contact your IBM representatives with the appropriate information.

Source: Java APIs

DGL0612A   Unable to locate the cmdatamodel.xsd file in the working directory or installation directory.

Explanation: The XML schema for data model objects, `cmdatamodel.xsd`, cannot be located in the working directory, nor the installation directory.

User response: Check if `cmdatamodel.xsd` is in the working directory, or the installation directory.

Source: Java APIs

DGL0613A   Internal error: Cannot resolve the XSD definition.

Explanation: The XSD definition cannot be resolved when exporting data model or system administration objects.

User response: Contact your IBM representative with the appropriate information.

Source: Java APIs

DGL0614A   Internal error: Object exists in the XML schema.

Explanation: The XML schema object operated on exists in the XML schema.

User response: Contact your IBM representatives with the appropriate information.

Source: Java APIs

DGL0615A   Input XML document is invalid. Unexpected element *%1* in XML document.

Explanation: There is an unexpected element in input XML document.

User response: Correct the input XML document and try again.

Source: Java APIs

DGL0616A   Input XML document is invalid. User-defined namespace is not supported.

Explanation: Namespace provided in input XML document is not supported.

User response: Provide valid namespace information in XML document and try again.

Source: Java APIs

DGL0617A   The component type *%1* **specified in the input XML document on import instance does not exist.**

Explanation: The element in the XML document is not a valid component type in IBM Content Manager.

User response: Correct the component type in input XML document and repeat the operation.

Source: Java APIs

DGL0618A   The root element *%1* **is of type part. Part instance can only be imported when associated with a parent document.**

Explanation: You cannot create a standalone document-part item. The part must always be associated with a document. Create the part when the document is created.

User response: Associate the part element to a parent document element, and repeat the action.

Source: Java APIs

DGL0619A   The element *%1* **does not conform to the cmdatamodel.xsd schema.**

Explanation: The element in the XML document does not conform to the `cmdatamodel.xsd` schema.

User response: Correct the element, and make sure that the XML document conforms to the `cmdatamodel.xsd` schema.

Source: Java APIs

DGL0620A   The given item info XML file does not conform to the cmdatamodel.xsd schema.

Explanation: The given XML document does not conform to `cmdatamodel.xsd` schema.

User response: Correct the XML document to conform to the `cmdatamodel.xsd` schema.

Source: Java APIs

DGL0621A   Internal error: Unexpected parsing state.

Explanation: Unexpected parsing error.

User response: Contact your IBM representative with the appropriate information.

Source: Java APIs

DGL0622A   Input document is invalid. The value of the attribute *%1* **in the element** *%2* **is invalid.**

Explanation: The given input XML document is not valid. The attribute value is not valid.

User response: Provide a valid value for the attribute, and repeat the action.

Source: Java APIs

DGL0623A   The cm:properties element is missing.

Explanation: The cm:properties element is missing from cm:itemInfo element.

User response: Provide the cm:properties element, and repeat the import action.

Source: Java APIs

DGL0624A   The namespace *%1* **is not defined for the element** *%2* **.**

Explanation: Associate the element with the IBM Content Manager namespace.

User response: Add the namespace definition to the element and try again.

Source: Java APIs

DGL0625A   Input document is invalid. Unexpected element *%1***.**

Explanation: The element is not expected, and the XML document is invalid.

User response: Remove the element, and repeat the action.

Source: Java APIs

DGL0626A   Input document is invalid. Unexpected attribute *%1* **in the element** *%2***.**

Explanation: The attribute in the element is not valid.

User response: Remove the attribute, and repeat the action.

Source: Java APIs

DGL0627A   **The following error was reported during the parsing at line** *%1* **and column** *%2*: *%3*.

Explanation: The given XML document is not valid, or does not conform to the associated XML schema.

User response: Correct the document according to the given error at the given location, and repeat the action.

Source: Java APIs

DGL0628A   **The following fatal error is reported during the parsing at line** *%1* **and column** *%2* : *%3*.

Explanation: The given XML document is not valid, or does not conform to the associated XML Schema.

User response: Correct the docume nt according to the given error at the given location, and repeat the action.

Source: Java APIs

DGL0629A   **The given DDO,** *%1*, **does not match the item type,** *%2*, **that was specified in the input XML document.**

Explanation: The DDO provided in the ingest () method does not match the item given in the input XML document.

User response: Create another DDO of the same item type as the one given in the XML document. Also, correct the XML document to match the item type specified in the DDO.

Source: Java APIs

DGL0630A   **Internal error: the transformed DDO object does not match the input DDO object.**

Explanation: There is a logic problem in the ingest method when transforming the input XML document into a DDO object.

User response: Contact your IBM representative with the appropriate information.

Source: Java APIs

DGL0631A   **No input content stream can be found for the label** *%1* **specified in the resource object element.**

Explanation: There is no input content stream associated with the given resource object label in the DKXMLItem object.

User response: Add the input content stream, associate it with the given label, and repeat the action.

Source: Java APIs

DGL0632A   **The given type definition,** *%1*, **is not supported.**

Explanation: The given type definition is not supported by IBM Content Manager.

User response: Remove the type definition from the XML schema file, and repeat the action.

Source: Java APIs

DGL0633A   **Internal error: Failed to create attribute definition.**

Explanation: Generic error for importing data model.

User response: Contact your IBM representative with the appropriate information.

Source: Java APIs

DGL0634A   **System administrative object does not exist in the system.**

Explanation: The requested system administration object on export system administrative object does not exist in the persistent store.

User response: Make sure that the name of the system administration object is correct.

Source: Java APIs

DGL0635A   **System administration object type is not valid. See DKConstant.java for valid object types.**

Explanation: System administration object type is not valid.

User response: Provide correct object type as input. Check DKConstant.java for valid object type.

Source: Java APIs

DGL0636A   **The type (data type) of the import attribute declaration,** *%1*, **is not compatible with the one that exists in the system.**

Explanation: The type (*data type*) of the given attribute declaration is different from the corresponding attribute definition that defined in the system.

User response: Change the datatype to be the same type, or change the data type to use a different attribute name.

Source: Java APIs

DGL0637A   The given import attribute declaration, %1, exists in the system. The type is compatible.

Explanation: The given import attribute declaration exists in the system.

User response: Remove the import attribute declaration from the schema file.

Source: Java APIs

DGL0638A   The definition for attribute %1 cannot be found in the system.

Explanation: Before you can define an attribute in a component type, the corresponding attribute must exist in the system. An attribute definition cannot be found in the system.

User response: Add the attribute definition to the system, and repeat the action.

Source: Java APIs

DGL0639A   The type (data type) information for the given attribute %1 is missing.

Explanation: To define an attribute in a component type, the corresponding attribute must exist in the system first. Such an attribute definition cannot be found in the system.

User response: Add the attribute definition to the system and repeat the action.

Source: Java APIs

DGL0640A   Unknown IBM Content Manager annotation element, %1, is found under the object definition, %2.

Explanation: The given element is not part of supported annotation within the given object definition.

User response: Remove the element, and repeat the action.

Source: Java APIs

DGL0641A   The attribute, %1, is missing from the annotation element, %2.

Explanation: The given attribute is required as part of the given annotation element.

User response: Add the attribute, and repeat the action.

Source: Java APIs

DGL0642A   The attribute, %1, contains the use category, which is not supported.

Explanation: The given use category value is not supported.

User response: Change the use category to optional, or required, and repeat the action.

Source: Java APIs

DGL0643A   The given XML schema data type, %1 is not supported.

Explanation: The given data type is not supported.

User response: Change the data type value to a supported data type, and repeat the action.

Source: Java APIs

DGL0644A   The given XML document is not well-formed. The root element cannot be found.

Explanation: The root element is missing from the given XML document.

User response: Change the document to a well-formed XML document that contains a root element, and repeat the action.

Source: Java APIs

DGL0645A   Internal error: mismatched data type for the given annotation attribute value, %1.

Explanation: Mismatched datatype for the given annotation attribute value.

User response: Contact your IBM representative with the appropriate information.

Source: Java APIs

DGL0646A   Cannot create the attribute, %1 because the corresponding attribute specified in the import file does not match the attribute in the system.

Explanation: The target system has an attribute definition with the same name, but the type is mismatched. Because of the dependency rule, this local attribute is not created.

User response: Fix the attribute declaration to match the declaration in the system, or remove the attribute from the target system.

Source: Java APIs

DGL0648A **Cannot remove any attribute from the attribute group** *%1* **when adding to the component type,** *%2***.**

Explanation: When added to a component type, the attributes in the attribute group cannot be different from the attribute defined in the attribute group definition.

User response: Make sure the attributes in the attribute group definition match the attributes defined in the system.

Source: Java APIs

DGL0649A **Cannot add any attribute** *%1* **to the attribute group** *%2* **when adding to the component type,** *%3***.**

Explanation: The attributes in the attribute group, when added to a component type, cannot be different from the one defined in the attribute group definition.

User response: Make sure the attributes in the attribute group definition match the attributes defined in the system.

Source: Java APIs

DGL0650A **The import attribute group definition,** *%1***, exists. It is not compatible with the attribute group existing in the system.**

Explanation: The given attribute group definition is different from the corresponding in the system.

User response: Either make it the same (with the same set of attributes), or change it to use different attribute group name.

Source: Java APIs

DGL0651A **The import attribute group definition,** *%1***, exists in the system. The type is compatible.**

Explanation: The import attribute group definition exists in the system.

User response: Remove the import attribute group definition from the schema file.

Source: Java APIs

DGL0652A **Cannot add the attribute group,** *%1***, because the corresponding attribute group specified in the import file does not match the attribute group in the system.**

Explanation: The target system has an attribute group with the same name, but the definition is mismatched. Because of the dependency rule, this attribute group cannot be added.

User response: Fix the attribute group definition to match the existing attribute group in the system, or remove the attribute group from the target system.

Source: Java APIs

DGL0653A **Cannot change the nullable property of the existing attribute definition,** *%1***.**

Explanation: The nullable property of the existing attribute definition cannot be altered.

User response: Change the definition to match the one defined in the target system.

Source: Java APIs

DGL0654A **The attribute group definition** *%2* **cannot contain a reference attribute** *%1***.**

Explanation: The attribute group definition cannot contain any reference attribute.

User response: Remove the reference attribute from the attribute group definition.

Source: Java APIs

DGL0655A **The name of the import reference attribute,** *%1***, has already been used in the system, but not as a reference attribute.**

Explanation: The name of the import reference attribute has already been used in the system, but not as a reference attribute.

User response: Change the name of the reference attribute.

Source: Java APIs

DGL0656A **The property of the object definition cannot be updated.**

Explanation: The property of the object definition cannot be updated.

User response: Change the value of the given property to match the value in the target system.

Source: Java APIs

DGL0657A **The property,** *%1* **of the attribute** *%2***, cannot be modified.**

Explanation: The given property of the attribute is not updatable.

User response: Change the value of the given property to match the value in the target system.

Source: Java APIs

DGL0658A   **The property, *%1* of the attribute group *%2* cannot be modified.**

Explanation: The given property of the attribute group is not updatable.

User response: Change the value of the given property to match the value in the target system.

Source: Java APIs

DGL0659A   **The property, *%1*, of the component type *%2*, cannot be modified.**

Explanation: The given property of the component type cannot be updated.

User response: Change the value of the given property to match the value in the target system, and repeat the action.

Source: Java APIs

DGL0660A   **The annotation element, *%1*, of the object definition,*%2*, contains invalid attribute or element.**

Explanation: The given annotation element contains unexpected attribute or element.

User response: Check the definition against the documentation and correct it accordingly.

Source: Java APIs

DGL0661A   **The element declaration, *%1*, with simple type, simple content, or complex content is not supported.**

Explanation: An element declaration with simple type, simple content, or complex content is not supported.

User response: Define a string or CLOB attribute within the element declaration to store the content instead.

Source: Java APIs

DGL0662A   **Cannot create or modify the item type, *%1* because the non-root component type with the same name exists.**

Explanation: The non-root component type with the same name exists.

User response: Select a different item type name or remove the component type from the system.

Source: Java APIs

DGL0663A   **Cannot add attribute, *%1* to the existing component type, *%2* because the attribute is non-nullable, or is without a default value.**

Explanation: Can add only an attribute to an existing component type if it is nullable or with a default value.

User response: Make the attribute declaration optional or provide a default value.

Source: Java APIs

DGL0664A   **The model group within the complex type definition of the element declaration, *%1* , can only have minOccur=1 and maxOccur=1.**

Explanation: The model group, for example, <xsd:sequence> within the complex type definition of an element declaration, can only have minOccur=1 and maxOccur=1. For more information about model group, see the XML schema standards.

User response: Change the minOccur and maxOccur value, and repeat the action.

Source: Java APIs

DGL0665A   **Wildcard in XML schema is not supported.**

Explanation: The wildcard component in XML schema is not supported.

User response: Remove the wildcard character from the XML schema.

Source: Java APIs

DGL0666A   **Sequence in XML schema (for example, xsd:sequence) is only supported as the compositor of the model group.**

Explanation: Sequence in XML schema is only supported as the compositor of the model group. For more information about model group, see the XML schema standards.

User response: Convert the choice, `xsd:choice`, or all, `xsd:all` into sequence.

Source: Java APIs

DGL0667A   **Cannot remove any attribute or attribute group from the existing component type, *%1*.**

Explanation: Cannot remove any attribute or attribute group from any existing component type in the system.

User response: Add the missing attribute or attribute group definition back to the corresponding element declaration.

Source: Java APIs

DGL0668A   Nested model group definition (for example, xsd:sequence, is not supported).

Explanation: Nested model group definition is not supported.

User response: Convert nested model into multiple levels of component type definitions.

Source: Java APIs

DGL0669A   The import element definition, %1, exists. It is not compatible with the one existing in the system.

Explanation: The given element definition is different from the one existing in the system.

User response: Make the element definition the same, that is, with the same set of attributes and child components. Also you might need to change the element to use a different element name.

Source: Java APIs

DGL0670A   The import element definition, %1, exists in the system. The type is compatible.

Explanation: The import element definition exists in the system.

User response: Remove import element definition from the schema file.

Source: Java APIs

DGL0671A   Internal error: mismatched signature for data model transformer.

Explanation: Logic error in the XML services.

User response: Contact your IBM representatives with the appropriate information.

Source: Java APIs

DGL0672A   Invalid import XML schema. The root element does not start with xsd:schema tag.

Explanation: A valid XML schema always starts with xsd:schema as the root element.

User response: Correct the XML schema, and try it again.

Source: Java APIs

DGL0673A   Invalid XML schema. Detailed error information is follows.

Explanation: The import XML schema is not valid.

User response: Correct the XML schema according to the error message, and repeat the action.

Source: Java APIs

DGL0674A   At line %1 (column %2) node [%3], %4 .

Explanation: An error is found on the given location of the XML schema.

User response: Correct the XML schema according to the information in the error message, and repeat the action.

Source: Java APIs

DGL0675A   At node [%1], %2 .

Explanation: An error is found on the given node of the XML schema.

User response: Correct the XML schema according to the error message, and repeat the action.

Source: Java APIs

DGL0676A   Internal error: This child record cannot be updated.

Explanation: System is trying to update a child record that is marked as 'not updatable'.

User response: Contact your IBM representatives with the appropriate information.

Source: Java APIs

DGL0677A   Internal error: Update child record source value encountered problem.

Explanation: System encountered a problem when trying to update a child record.

User response: Contact your IBM representatives with the appropriate information.

Source: Java APIs

DGL0678A   Internal error: The child record cannot be deleted.

Explanation: Trying to delete a child record that must not be deleted.

User response: No action is required.

Source: Java APIs

DGL0679A   Internal error: Not a valid record for deletion.

Explanation: System is attempting to delete a record that does not contain the proper object.

User response: Contact your IBM representatives with the appropriate information.

Source: Java APIs

DGL0680A   Internal error: Invalid tag property.

Explanation: The property that the program is trying to parse is an invalid type.

User response: Contact your IBM representatives with the appropriate information.

Source: Java APIs

DGL0681A   Internal error: The source schema provided is null.

Explanation: The changes cannot be saved to the source schema because source schema is null.

User response: The changes cannot be saved to the source schema because source schema is null.

Source: Java APIs

DGL0682A   Internal error: Unable to create XSD target schema object.

Explanation: Cannot create the xsd schema for the target system.

User response: Cannot create the xsd schema for the target system.

Source: Java APIs

DGL0683A   Internal error: The root element required %1 is not unique in the source system or file.

Explanation: The root element in the source XML file is not unique, hence unable to resolve root element.

User response: Contact your IBM representatives with the appropriate information.

Source: Java APIs

DGL0684A   Internal error: The ACLList element for the given ACLData element is not found in the XML document.

Explanation: There is no ACLList element found for the ACLData element in the XML document. The ACL definition is incomplete.

User response: Contact your IBM representatives with the appropriate information.

Source: Java APIs

DGL0685A   Internal error: The comparison routine received invalid objects to be compared.

Explanation: The comparable routine accepts either a document or XSDSchema as input.

User response: Contact your IBM representatives with the appropriate information.

Source: Java APIs

DGL0686A   Internal error: Expect a collection of sub elements.

Explanation: The returned value is not a collection.

User response: Contact your IBM representatives with the appropriate information.

Source: Java APIs

DGL0687A   Internal error: The expected result is a single value, not a collection.

Explanation: The returned value is a collection instead of single value.

User response: Contact your IBM representatives with the appropriate information.

Source: Java APIs

DGL0688A   Internal error: A no_source conflict cannot have a source value.

Explanation: A source value was passed in as input to comparison routine for a no_source conflict case.

User response: Contact your IBM representatives with the appropriate information.

Source: Java APIs

DGL0689A   Internal error: A no_target conflict cannot have a target value.

Explanation: A target value was passed in as input to comparison routine for a no_target conflict case.

User response: Contact your IBM representatives with the appropriate information.

Source: Java APIs

DGL0690A   No matching method and parameters.

Explanation: System could not find the correct method name and parameters to invoke the method.

User response: Check the tag property to see whether it has the correct method name in the tag.

Source: Java APIs

DGL0691A   **The operation was canceled by current user.**

Explanation: The XML import or export action was canceled by user.

User response: None or retry the operation.

Source: Java APIs

DGL0692A   **The storage group that the volume associated does not exist in the system.**

Explanation: The resource manager storage group that the resource manager system volume associated does not exist in the target system.

User response: The storage group must exist in the target system or you need do import the storage group first before import the system volume.

Source: Java APIs

DGL0693A   **Cannot reference a global item type definition, %1, as a child component in the XML schema.**

Explanation: A global item type definition cannot be included as a child element declaration (component) in another global item type definition in the XML schema.

User response: Either remove the reference, or explicitly embed the given definition as a child component with a different name.

Source: Java APIs

DGL0694A   **The given part item type, %1, cannot be found in the system.**

Explanation: The part item type does not exist in the system.

User response: Either remove the reference to the given part item type definition from the XML schema file, or create the part item type definition first. Then retry the import operation.

Source: Java APIs

DGL0695A   **The export object, %1, of the object type, %2, does not exist in the system.**

Explanation: The requested export object does not exist in the persistent store.

User response: Make sure that the name of the object is correct.

Source: Java APIs

DGL0698A   **The required attribute, %1, is missing in the annotation, %2.**

Explanation: The given attribute is required in the given annotation to create the definition.

User response: Provide the correct attribute value, and repeat the action.

Source: Java APIs

DGL0700A   **Key passed has a null value.**

Explanation: The key passed to methods [like setProperty, setAllProperty, getProperty, isPropertySupported, and so on] of the DKTraceLogMgmtICM class is null.

User response: Make sure that the key passed is not null.

Source: Java or C++ APIs

DGL0701A   **The value passed for the key %1 has a null value.**

Explanation: The value passed to methods [like setProperty, setAllProperty, and so on] of the DKTraceLogMgmtICM class is null.

User response: Make sure that value passed is not null.

Source: Java or C++ APIs

DGL0702A   **Invalid value[%1] for the key [%2].**

Explanation: If an invalid value is passed to methods such as setProperty and setAllProperty of the DKTraceLogMgmtICM class, an exception is thrown with this error. Or, if the setProperty method is called with the key as filemaxnumber, and you try to pass a value that is not an integer.

User response: Make sure that value passed is valid.

Source: Java or C++ APIs

DGL0703A   **Key [%1] passed does not exist in the properties file [%2].**

Explanation: A given key is not found in the configuration file. For example, this error occurs if the DKTraceLogMgmtICM.getProperty() method is called with a key that is not found in the configuration file.

User response: Use a key that exists in the properties file. Call the DKTraceLogMgmtICM.isPropertySupported() to check if a particular key exists.

Source: Java or C++ APIs

DGL0704A   **Unable to lock the configuration file [%1].**

Explanation: The configuration file cannot be locked. This error might happen if another process has a lock on, and is currently processing, the configuration file.

User response: If the problem persists, check to see if this file has been locked by another user.

Source: Java or C++ APIs

DGL0705A   **Configuration file [%1] does not exist.**

Explanation: The configuration file does not exist.

User response: Make sure that the properties file exists in the class path.

Source: Java or C++ APIs

DGL0706A   **Access to the configuration file [%1] failed.**

Explanation: An exception is thrown with this error code, if the configuration file is inaccessible.

User response: Make sure that the properties file has correct privileges.

Source: Java or C++ APIs

DGL0802A   **The import process partially completed with some errors. Check the dklog.log log file for more information.**

Explanation: During the import process, an error was encountered. However, because of the DK_CM_XML_IMPORT_CONTINUE_ON_ERROR option, the process continues to import other objects specified in the input.

User response: Check the log file for the errors and fix the input document accordingly. Also, remove the objects that were already imported successfully and then try again.

The dklog.log file is configured in the cmblogconfig.properties file, which is in the IBMCMROOT\log\connectors\{username} directory by default.

Source: Java APIs

DGL0803A   **The system administration object that you are importing exists in target system.**

Explanation: The system administration object you are importing exists in target system; it cannot be created.

User response: Check the log file and fix the XML document accordingly.

Source: Java APIs

DGL0804A   **The system administration object that you are importing is dependent on an object that does not exist in the target system.**

Explanation: The system administration object you are importing is dependent on the existence of another system administration object definition that does not exist in the target system.

User response: Check the target system to make sure that dependency objects are defined before starting import.

Source: Java APIs

DGL0808A   **The object is not an XML attribute.**

Explanation: An internal error.

User response: Contact your IBM representatives with the appropriate information.

Source: Java APIs

DGL0809A   **The object is not an XML element.**

Explanation: An internal error.

User response: Contact your IBM representatives with the appropriate information.

Source: Java APIs

DGL0810A   **The attribute %1 is not updatable.**

Explanation: The given attribute is not updatable.

User response: See your IBM service representative with the appropriate information.

Source: Java APIs

DGL0811A   **The object that you are importing is null.**

Explanation: The definition of the object you are importing is null.

User response: Check the import file to make sure that the wanted objects exist before starting import.

Source: Java APIs

DGL0812A   **Internal error: The object name in the export list or imported object is null.**

Explanation: The name of the object being imported or exported is null.

User response: Check the import and export list to make sure that the object you want is not null.

Source: Java APIs

DGL0813A Internal error: Unable to create a blank XSD schema object.

Explanation: An internal error occurred when creating a blank XSD schema object.

User response: Contact your IBM representatives with the appropriate information.

Source: Java APIs

DGL0814A Internal error: Unknown pending objects with type %1.

Explanation: An internal error occurred during a data model import to process the pending actions.

User response: Contact your IBM representatives with the appropriate information.

Source: Java APIs

DGL0815A The annotation attribute %1 must be present in the annotation element %2.

Explanation: Add the given annotation attribute along with the correct value to the given annotation element.

User response: Do not try to delete system-defined user groups.

Source: Java APIs

DGL0816A The attribute, %1, specified inside the database index info annotation cannot be found in the corresponding element declaration, %2.

Explanation: Can only create an index on an attribute that is contained in the corresponding element declaration.

User response: Correct the attribute name to a valid one within the element declaration.

Source: Java APIs

DGL0817A The annotation element, %1, occurs more than once.

Explanation: The given annotation element can only occur once within the same element.

User response: Remove the other instances.

Source: Java APIs

DGL0818A The attribute, %1, of string type has no constraint regarding the attribute length.

Explanation: Any attribute of string type has to be constrained by a length.

User response: Add the length constraint to the type definition of the given attribute.

Source: Java APIs

DGL0819A The precision of a decimal attribute, %1, is less than the required minimal precision, which is five.

Explanation: Any attribute of decimal type must have minimal precision 5.

User response: Change the precision to at least 5.

Source: Java APIs

DGL0820A The resource manager name is null.

Explanation: The resource manager name is null.

User response: Use a valid resource manager name.

Source: Java APIs

DGL0821A The user group that the user associated does not exist in the system.

Explanation: The user group that the user associated does not exist in the system.

User response: Use a valid user group.

Source: Java APIs

DGL0822A The user that the group associated does not exist in the system.

Explanation: The user that the group associated does not exist in the system.

User response: Ensures that a valid user exists.

Source: Java APIs

DGL0823A The resource manager group does not exist in the system.

Explanation: The resource manager group does not exist in the system.

User response: Check that the group name exists or use a valid group name.

Source: Java APIs

DGL0824A The resource manager %1 object, %2, exists in the system.

Explanation: Because the resource manager %1 object, %2, exists in the system, creating an object is not supported.

User response: Update the existing object instead of creating the object in the system.

Source: Java APIs

DGL0825A   The system administrative *%1* **object,** *%2*, **exists in the system.**

Explanation: Because the system administrative *%1* object, *%2*, exists in the system, creating an object is not supported.

User response: Update the existing object instead of creating the object in the system.

Source: Java APIs

DGL0826A   The default value *%1* **specified for the Timestamp attribute** *%2* **cannot be parsed. Timestamp default values must conform to one of the following formats: the format accepted by** `java.sql.Timestamp.valueOf(String)`, **the format accepted by** `DKTimestamp.valueOf(String)`, **or a user-defined format defined by the value of the property** `XMLAPI_defaultValueTimestampFormat` **in** `cmbxmlservices.properties`.

Explanation: The default value for a Timestamp attribute set on the item type was not successfully parsed.

User response: Modify the default timestamp value so that it can be parsed, or modify the user-defined format for parsing default timestamp values.

Source: Java APIs

DGL0827A   The default value *%1* **specified for the Time attribute** *%2* **cannot be parsed. Time default values must conform to one of the following formats: the format accepted by** `java.sql.Time.valueOf(String)`, **the format accepted by** `DKTime.valueOf(String)`, **or a user-defined format defined by the value of the property** `XMLAPI_defaultValueTimeFormat` **in** `cmbxmlservices.properties`.

Explanation: The default value for a Time attribute set on the item type was not successfully parsed.

User response: Modify the default Time value so that it can be parsed, or modify the user-defined format for parsing default Time values.

Source: Java APIs

DGL0828A   The default value *%1* **specified for the Date attribute** *%2* **cannot be parsed. Date default values must conform to one of the following formats: the format accepted by** `java.sql.Date.valueOf(String)`, **the format accepted by** `DKDate.valueOf(String)`, **or a user-defined format defined by the value of the property** `XMLAPI_defaultValueDateFormat` **in** `cmbxmlservices.properties`.

Explanation: The default value for a Date attribute set on the item type was not successfully parsed.

User response: Modify the default Date value so that it can be parsed, or modify the user-defined format for parsing default Date values.

Source: Java APIs

DGL0900A   Internal error: Object does not exist in the cache.

Explanation: Check the cache for a failed object. The object does not exist in the cache.

User response: Check the connectors log for more information.

Source: Java APIs

DGL0901A   Internal error: Object exists in the cache.

Explanation: An object cannot be added to the cache because it exists in the cache.

User response: Check the connectors log for more information.

Source: Java APIs

DGL0902A   Internal error: Maximum size of cache or pool has been reached.

Explanation: The maximum size of cache or pool has been reached.

User response: Check the connectors log for more information.

Source: Java APIs

DGL0903A   Internal error: Cache is not available for use.

Explanation: The cache has not been initialized for use.

User response: Check the connectors log for more information.

Source: Java APIs

DGL0904A   Internal error: Cache group is not found.

Explanation: A logical group in the cache is not found.

User response: Check the connectors log for more information.

Source: Java APIs

DGL0905A   Internal error: Cache group name is invalid.

Explanation: The name for a logical group is either NULL or not valid.

User response: Check the connectors log for more information.

Source: Java APIs

DGL0906A   Internal error: Object being released from pool is not in use.

Explanation: The object being released from the pool cannot be released because it is not in use.

User response: Check the connectors log for more information.

Source: Java APIs

DGL0907A   Internal error: Object cannot be removed from pool.

Explanation: The object cannot be removed from the pool because it might be in use or is not found in the pool.

User response: Check the connectors log for more information.

Source: Java APIs

DGL1000A   The first message ID is not found.

Explanation: The given message ID cannot be found.

User response: Verify that the message ID constant you used exists and is associated with a message string.

Source: Java or C++ APIs

DGL1006A   Invalid number of text mapping.

Explanation: Only one text entity mapping is supported in a text query expression.

User response: Correct your program.

Source: Java or C++ APIs

DGL1602A   A connection parameter that is not valid was specified in the connect string.

Explanation: The connect string has an invalid connection parameter.

User response: Correct the connect string using only those connection parameters as documented for the `DKDatastoreIP.connect()` method. See the *Application Programming Reference.*

Source: Java or C++ APIs

DGL1603A   A required connection parameter was not specified in the connect string.

Explanation: A required connection parameter was not specified in the connect string.

User response: Correct the connect string to include all the required connection parameters as documented for the `DKDatastoreIP.connect()` method. See the *Application Programming Reference*.

Source: Java or C++ APIs

DGL1604A   The document type is not valid.

Explanation: The document type is not valid.

User response: For queries, verify that the command string contains `ENTITY= >document type<` as part of the SEARCH. If so, then verify that the `>document type<` is a valid native or mapped entity name.

Source: Java or C++ APIs

DGL1605A   FAF Warning received [HostRC] [HostReas1] [HostReas2].

Explanation: The Folder Application Facility (FAF) or Object Distribution Manager host API has completed with a warning return code.

User response: Use the HostRC, HostReas1, and HostReas2 values to determine the appropriate Folder Application Facility or Object Distribution Manager host return codes. The Folder Application Facility return codes are documented in *IBM ImagePlus Folder Application Facility MVS/ESA Workstation Remote Application Programming Interfaces: Application Programmer's Guide*; the Object Distribution Manager API return codes are documented in *Content Manager Messages and Codes Version 7 Release 1.*

Source: Java or C++ APIs

DGL1606A   FAF Error received [HostRC] [HostReas1] [HostReas2].

Explanation: The Folder Application Facility host API has completed with an error return code.

User response: Use the HostRC, HostReas1, and HostReas2 values to determine the appropriate Folder

Application Facility host return codes. The Folder Application Facility API return codes are documented in *ImagePlus for OS/390 FAF MVS/ESA WRAPI Application Programmer's Guide*.

Source: Java or C++ APIs

DGL1607A   Internal processing error in FAF Workstation Remote API [ulClientRC] [ulClientReas1] [ulClientReas2].

Explanation: Due to an internal error, the call to the IP/390 client did not complete successfully. When system resources are not available, this error occurs. For example, memory.

User response: For problem determination purposes, find the values in ulClientReas1 and, in some cases, in ulClientReas2 and see your IBM service representative. See the error log file for more information (if logging is being done).

Source: Java or C++ APIs

DGL1608A   IODM Failure received [HostRC] [HostReas1] [HostReas2].

Explanation: The attempt to connect to the Object Distribution Manager has failed.

User response: Use the HostRC, HostReas1, and HostReas2 values to determine the appropriate Object Distribution Manager host return codes. The Object Distribution Manager API return codes are documented in *Content Manager Messages and Codes Version 7 Release 1*.

Source: Java or C++ APIs

DGL1609A   Invalid parameter, codes are [ulClientRC], [ulClientReas1], [ulClientReas2].

Explanation: The call to the IP/390 client could not complete successfully. One of the parameters is incorrect.

User response: The ulClientReas1 value contains the Folder Application Facility or Object Distribution Manager host API parameter data type identification of the incorrect parameter. See the *IBM ImagePlus Folder Application Facility MVS/ESA Application Programming Interface: System Programmer's Guide* (SC34-3120) for a complete listing of these identifiers. The identifiers are also described in *IBM ImagePlus Folder Application Facility MVS/ESA Application Programming Interface: Application Programmer's Guide* (SC34-3121). The incorrect parameter value could possibly have an incorrect length, an incorrect numeric value, or an incorrect numeric range. See the *Application Programming Reference* for the allowable values for this parameter.

Source: Java or C++ APIs

DGL1610A   Host timeout [ulClientRC] [ulClientReas1] [ulClientReas2].

Explanation: The communication from the workstation to the Folder Application Facility or Object Distribution Manager host has timed out. The completion of any host resource update might have failed.

User response: Determine and correct the cause of the communications timeout on the host system. Verify whether the last attempted operation on the host system completed successfully. The stage of the host conversation between the workstation and the host is indicated in the ulClientReas1 field. For TCP/IP, it is one of the following values:

- TCPIP_SEND_LISTENER = 5405
- TCPIP_RECEIVE_LISTENER = 5406
- TCPIP_SEND_REQUEST_HEADER = 5407
- TCPIP_RECEIVE_REQUEST_HEADER = 5408
- TCPIP_SEND_ICRP = 5409
- TCPIP_RECEIVE_ICRP = 5410
- TCPIP_RECEIVE_RESP_HDR = 5411
- TCPIP_SEND_RESP_HDR_ACK = 5412

Any failure occurring before the TCPIP_SEND_ICRP indicates that the host update was not performed. Failures after the TCPIP_SEND_ICRP might have successfully updated host resources. The ulClientReas2 value contains the actual network protocol return code.

Source: Java or C++ APIs

DGL1611A   Host network protocol error [ulClientRC] [ulClientReas1] [ulClientReas2].

Explanation: The communication from the workstation to the Folder Application Facility or Object Distribution Manager host has failed either on the host or on the workstation. The completion of any host resources update might have failed.

User response: Determine and correct the cause of the communications failure. Verify whether the last attempted operation on the host system completed successfully. The stage of the host conversation between the workstation and the host is indicated in the ulClientReas1value. For TCP/IP, it is one of the following values:

- TCPIP_STARTUP = 5400
- TCPIP_SOCKET = 5401
- TCPIP_CLOSE = 5402
- TCPIP_SHUTDOWN = 5403
- TCPIP_CONNECT = 5404
- TCPIP_SEND_LISTENER = 5405
- TCPIP_RECEIVE_LISTENER = 5406
- TCPIP_SEND_REQUEST_HEADER = 5407

- TCPIP_RECEIVE_REQUEST_HEADER = 5408
- TCPIP_SEND_ICRP = 5409
- TCPIP_RECEIVE_ICRP = 5410
- TCPIP_RECEIVE_RESP_HDR = 5411
- TCPIP_SEND_RESP_HDR_ACK = 5412

Any failure occurring before the TCPIP_SEND_ICRP indicates that the host update was not performed. Failures after the TCPIP_SEND_ICRP might have successfully updated host resources.

The ulClientReas2 value contains the actual network protocol return code. Some of the common TCP/IP communications failures are listed below. For more details, see the documentation of your TCP/IP vendor.

- 100054 - Connection Reset - The Host closed the connection midstream.
- 100061 - Connection Refused - Usually occurs on TCPIP_CONNECT.

Source: Java or C++ APIs

DGL1612A   Host API protocol error [HostRC] [HostReas1] [HostReas2].

Explanation: During the communication between the workstation and the Folder Application Facility host, the host determines that it cannot complete the API request. If the API request involved Folder Application Facility host data, the updates were never made.

User response: Determine and correct the reason for the Folder Application Facility Host's rejection of the API and, if possible, reissue the request. For more information, examine the HostRC, HostReas1, and HostReas2 values. These values contain more detail about why the Folder Application Facility host rejected the request.

Source: Java or C++ APIs

DGL1613A   Invalid IODM return value.

Explanation: Invalid data was received from the Object Distribution Manager host.

User response: This error indicates a possible communications breakdown between the workstation and the Object Distribution Manager host. Try resending the command. Also examine the log file to determine exactly what Object Distribution Manager data problem is occurring.

Source: Java or C++ APIs

DGL1614A   IODM not available.

Explanation: The Object Distribution Manager connection was not established when the DKDatastoreIP.connect() method was invoked. The request was not processed.

User response: Correct the problem with the Object Distribution Manager host and retry the operation.

Source: Java or C++ APIs

DGL1615A   Non-zero return from FAF, codes are [HostRC] [HostReas1] [HostReas2].

Explanation: Non-zero return from FAF, codes are [HostRC] [HostReas1] [HostReas2]

User response: Use the HostRC, HostReas1, and HostReas2 values to determine the appropriate Folder Application Facility or Object Distribution Manager host return codes. The Folder Application Facility API return codes are documented in *IBM ImagePlus Folder Application Facility MVS/ESA Application Programming Interface: System Programmer's Guide*, SC34-3120, while the Object Distribution Manager API return codes are documented in *Content Manager Messages and Codes Version 7 Release 1*.

Source: Java or C++ APIs

DGL1616A   The folder must be empty before being deleted. The folder contains documents, possibly pending documents.

Explanation: The folder must be empty before you can perform a delete operation. The folder contains documents, possibly pending documents.

User response: Delete all of the documents including pending documents from the folder; then delete the folder.

Source: Java or C++ APIs

DGL1617A   The data object is already locked by user [*nnn*].

Explanation: The data object is already locked by another user.

User response: The user must first unlock the document or folder, and then you can try the operation again.

Source: Java or C++ APIs

DGL1618A   Non-zero return from FAF Workstation Remote API, codes are [ulClientRC] [ulClientReas1] [ulClientReas2].

Explanation: Non-zero return from FAF Workstation Remote API, codes are [ulClientRC] [ulClientReas1] [ulClientReas2].

User response: The ulClientRC indicated the FAF Workstation Remote API return code. The FAF WRAPI return codes are documented in *IBM ImagePlus Folder Application Facility MVS/ESA Workstation Remote Application Programming Interfaces: Application Programmer's Guide,* SC34-3113.

Source: Java or C++ APIs

DGL1619A   Datastore access mode is read only.

Explanation: Datastore access mode is read only.

User response: Make the datastore access mode read write using the `DKDatastoreIP.setOption()` method and then retry the operation.

Source: Java or C++ APIs

DGL1620A   The document ID must be set for this operation.

Explanation: The document ID must be set for this operation.

User response: Set the document ID by using the `DKPidXDOIP.setDocId()` method and then retry the operation.

Source: Java or C++ APIs

API messages: DGL2001 - DGL2701

API messages DGL2001 - DGL2701 describe problems and possible solutions for Java and C++ applications.

0000 Failed to update the user group.

Explanation: An error occurred while updating this user group.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL2001A Message ID not found.

Explanation: The system cannot generate a message because it is unable to find the message ID.

User response: Examine the rest of the error information to obtain the correct message that can be found in this book. Examine the Error ID returned in the exception object. The Error ID corresponds to the correct message that can be found in this book. Try to map the Error ID to a message in this book with the following format: DGL *4-digit EIP Error IDA*. In addition, examine the Error Code, which corresponds to an IBM Content Manager library server return code in the format of ICM*xxxx*. For an example of how to examine the Error ID returned in the exception object, refer to the SConnectDisconnectICM API education sample and to the *Application Programming Guide*, or both. After collecting the information, see your system administrator or IBM service representative.

Source: C++ API only.

DGL2002A Initialization failed. Cannot find or read file.

Explanation: The initialization phase of the cmbdsod81.dll (or libcmbdsod81.so) file failed due to errors. The product might not have been installed properly.

User response: The OnDemand connector might need to be reinstalled.

Source: C++ API only.

DGL2003A No search criteria have been specified.

Explanation: No search criteria have been specified during a folder search.

User response: Make the sure the search criteria have been specified during a folder search.

Source: C++ API only.

DGL2004A A value is required for this set of criteria.

Explanation: During a folder search, a required value was not specified for the search criteria.

User response: Make sure the required value has been specified for the specified search criteria.

Source: C++ API only.

DGL2005A Only one value was entered. Enter a second value or choose a different comparison operator.

Explanation: Two values are required for the search criteria but only one has been entered. For example, if the between operator is used, two values are required.

User response: Enter both values for the search criteria.

Source: C++ API only.

DGL2006A The first value must not be greater than the second value.

Explanation: The first value specified must not be greater than the second value.

User response: Make sure the first value is not greater than the second one.

Source: C++ API only.

DGL2007A Invalid date value:

Explanation: The date value is in the wrong format or outside the range.

User response: Specify a date in the correct format and within the allowable range.

Source: C++ API only.

DGL2008A Invalid integer value:

Explanation: The integer value is either in the wrong format or outside the range.

User response: Make sure the integer value is in the correct format (for example, without the decimal point), and is within the allowable range.

Source: C++ API only.

DGL2009A   Invalid decimal number:

Explanation: The decimal number is either in the wrong format or outside the range.

User response: Make sure the decimal number is in the correct format and is within the allowable range.

Source: C++ API only.

DGL2010A   Invalid choice:

Explanation: The value specified is not one of the choices for a choice type criterion.

User response: Make sure the value specified is one of the choices listed.

Source: C++ API only.

DGL2011A   Invalid segment number:

Explanation: The value specified is not one of the segment number choices for a segment type criterion.

User response: Make sure the value specified is one of the segments listed.

Source: C++ API only.

DGL2012A   Invalid search operator:

Explanation: The search operator specified is not one of allowed operators for the search criteria.

User response: Make sure the search operator is one of the allowed operators for the search criteria.

Source: C++ API only.

DGL2013A   Unsupported search criteria.

Explanation: The search criteria specified are not understood by the OnDemand server.

User response: Check the search criteria again to make sure they match the requirements of the OnDemand server.

Source: C++ API only.

DGL2014A   Unsupported API.

Explanation: This error can be caused by permission errors on the server.

User response: Analyze the OnDemand connector trace file to find the root cause.

Source: C++ API only.

DGL2015A   Undefined.

Explanation: You should not be getting this message externally.

User response: Analyze the OnDemand connector trace file to find the root cause.

Source: C++ API only.

DGL2016A   Unknown Error.

Explanation: You should not be getting this message externally.

User response: Analyze the OnDemand connector trace file to find the root cause.

Source: C++ API only.

DGL2017A   Server has timed out. Log off and log on again.

Explanation: The OnDemand server has timed out due to inactivity.

User response: Log off and log on again to establish the connection again.

Source: C++ API only.

DGL2018A   Error in retrieving annotations.

Explanation: Error occurred when retrieving an annotation from the OnDemand server.

User response: Check to see whether the user has the permission to view annotations for that document.

Source: Java API only.

DGL2019A   Error in adding an annotation.

Explanation: Error occurred when adding an annotation to the OnDemand server.

User response: Check to see whether the user has permission to add annotations for that document.

Source: Java API only.

DGL2020A   Error in deleting an annotation.

Explanation: Error occurred when deleting an annotation from the OnDemand server.

User response: Check to see if the user has permission to delete annotations for that document.

Source: Java API only.

DGL2021A   Error in updating an annotation.

Explanation: Error occurred when updating an annotation from the OnDemand server.

User response: Check to see if the user has the permission to update annotations for that document.

Source: Java API only.

DGL2022A   Error in modifying a logical view.

Explanation: Error occurred when modifying a logical view on the OnDemand server.

User response: Check to see if the user has the permission to modify logical views for that document.

Source: Java API only.

DGL2023A   Error in opening a document.

Explanation: Error occurred when opening a document on the OnDemand server.

User response: Check to see whether the user has the permission to view the document.

Source: Java API only.

DGL2024A   Error in restoring a hit.

Explanation: Error occurred when reconstructing information to retrieve a document from the OnDemand server.

User response: Rerun the search.

Source: Java API only.

DGL2025A   Error in opening a folder

Explanation: Error occurred when opening a folder on the OnDemand server.

User response: Check to see whether the user has the permission to access that folder.

Source: Java API only.

DGL2026A   Cannot find the specified application group:

Explanation: The application group cannot be located from the OnDemand server with the given application group ID from the PID.

User response: Rerun the search. If the error persists, check to make sure the user permission to that application group is defined correctly on the OnDemand server.

Source: Java API only.

DGL2027A   Invalid item identifier:

Explanation: The item identifier is null or an empty string.

User response: Rerun the search to generate a new item identifier.

Source: Java API only.

DGL2028A   Error in opening the output file:

Explanation: The error occurred when opening the output file for the XDO retrieval.

User response: Check to make sure that the file name supplied is valid and that the user has the permission to open or create the file.

Source: Java API only.

DGL2029A   Error in writing to the output file:

Explanation: The error occurred when writing the XDO data to the output file.

User response: Check to make sure that the user has the write permission to the output file.

Source: Java API only.

DGL2202A   The following SQL error occurred:

Explanation: An error has occurred while accessing the database.

User response: Refer to database documentation for appropriate action.

Source: Java API only.

DGL2401A   Message ID not found.

Explanation: The given message ID cannot be found.

User response: Verify that the message ID constant you are using exists and is associated with a message string.

Source: Java or C++ APIs

DGL2402A   Only users with administrative privilege can access this function.

Explanation: The current user does not have administrative privileges.

User response: Log on as an administrator.

Source: Java or C++ APIs

DGL2403A   This item already exists in the system.

Explanation: An item with this name already exists in the system.

User response: Choose another name for the item.

Source: Java or C++ APIs

DGL2404A   User does not exist in the system.

Explanation: The system does not recognize the user ID.

User response: Check the capitalization and spelling of the user ID. If problems persist, see your system administrator.

Source: Java or C++ APIs

DGL2405A   Password does not match.

Explanation: The password does not match the user ID entered.

User response: Make sure that you are using the correct password. If so, check the spelling and capitalization of your password. If problems persist, see your system administrator.

Source: Java or C++ APIs

DGL2406A   Server name does not exist.

Explanation: The specified server is not defined in the database.

User response: Define the server or correct the IBM Information Integrator for Content database.

Source: Java or C++ APIs

DGL2407A   Invalid user ID or password.

Explanation: The supplied user ID or password is not valid.

User response: Specify a valid user ID and password.

Source: Java or C++ APIs

DGL2408A   Schema mapping does not exist in the system.

Explanation: The entity, server, or native entity can exist, but might not have schema mapping. An error can also occur if the user misspelled the entity, server, or native entity name.

User response: Check the spelling and capitalization of the user ID and password. Define an entity, server, or native entity that has schema mapping.

Source: Java or C++ APIs

DGL2409A   Schema mapping already exists in the system.

Explanation: Each entity, server, or native entity has one schema mapping. In this case, the entity, server, or native entity already has schema mapping.

User response: You can update the existing schema mapping instead of adding a new one.

Source: Java or C++ APIs

DGL2410A   Datastore for schema mapping does not exist in the system.

Explanation: The federated datastore is not connected to schema mapping.

User response: Connect the federated datastore to schema mapping using the `setDatastore` function.

Source: Java or C++ APIs

DGL2411A   Entity does not exist in the system.

Explanation: The system does not recognize the entity name.

User response: Check the spelling and capitalization of the entity name.

Source: Java or C++ APIs

DGL2412A   Native entity does not exist in the system.

Explanation: You entered a native entity name that the system does not recognize.

User response: Check the spelling and capitalization of the native entity name.

Source: Java or C++ APIs

DGL2413A   Attribute does not exist in the system.

Explanation: You entered an attribute name that is not recognized by the system.

User response: Check the spelling and capitalization of the attribute name.

Source: Java or C++ APIs

DGL2414A   Server type does not exist in the system.

Explanation: You entered a server type that the system does not recognize.

User response: Check the spelling and capitalization of the server type.

Source: Java or C++ APIs

DGL2415A   Entity already exists in the system.

Explanation: An entity already exists with the same name as an entity that you are trying to create.

User response: Choose another name for the entity you are trying to create.

Source: Java or C++ APIs

DGL2416A   Attribute already exists in the system.

Explanation: An attribute already exists with the same name as an attribute that you are trying to create.

User response: Choose another name for your attribute.

Source: Java or C++ APIs

DGL2417A   Search template already exists in the system.

Explanation: A search template already exists with the same name as a search template that you are trying to create.

User response: Choose another name for your search template.

Source: Java or C++ APIs

DGL2418A   Search criteria already exists in the system.

Explanation: This error occurs when a search criteria already exists that has the same name as the search criteria you are trying to create.

User response: Choose another name for your search criteria.

Source: Java or C++ APIs

DGL2419A   Federated entity does not exist in the system.

Explanation: You entered a federated entity that the system does not recognize. This error can occur if the spelling or capitalization is different from the actual federated entity name.

User response: Check the spelling and capitalization of the federated entity name.

Source: Java or C++ APIs

DGL2420A   Federated attribute does not exist in the system.

Explanation: You entered a federated attribute that the system does not recognize.

User response: Check the spelling and capitalization of the federated attribute name.

Source: Java or C++ APIs

DGL2421A   The entity name is not set.

Explanation: The entity name in the search template is not set.

User response: Set the entity name.

Source: Java or C++ APIs

DGL2422A   The attribute name is not set.

Explanation: The attribute name in the search criteria is not set.

User response: Set the attribute name.

Source: Java or C++ APIs

DGL2423A   The search criteria name is not set.

Explanation: The search criteria name is not set.

User response: Set the search criteria name.

Source: Java or C++ APIs

DGL2424A   The search template name is not set.

Explanation: The search template name is not set.

User response: Set the search template name.

Source: Java or C++ APIs

DGL2425A   Does not exist in the server inventory.

Explanation: You entered a name that the system does not recognize.

User response: Check the spelling and capitalization of the name you first entered and try again.

Source: Java or C++ APIs

DGL2426A   Does not exist in the text inventory.

Explanation: You entered a name that the system does not recognize.

User response: Check the spelling and capitalization of the name you first entered and try again.

Source: Java or C++ APIs

DGL2427A   Server already exists in the system.

Explanation: The specified server is already defined in the database.

User response: Choose a different name for the server.

Source: Java or C++ APIs

DGL2428A   User already exists in the system.

Explanation: A user with this name already exists in the system.

User response: Choose another name for the new user.

Source: Java or C++ APIs

DGL2429A   User group already exists in the system.

Explanation: A user group with this name already exists in the system.

User response: Choose a different user group name.

Source: Java or C++ APIs

DGL2430A   User group does not exist in the system.

Explanation: You entered a user group that the system does not recognize.

User response: Check the spelling and capitalization of the user group name and try again.

Source: Java or C++ APIs

DGL2431A   This item does not exist in the system.

Explanation: You entered an item name that the system does not recognize.

User response: Check the spelling and capitalization of the item name and try again.

Source: Java or C++ APIs

DGL2432A   Associated entity does not exist in the system.

Explanation: You entered an associated entity name that the system does not recognize.

User response: Check the spelling and capitalization of the associated entity name.

Source: Java or C++ APIs

DGL2433A   Associated native entity does not exist in the system.

Explanation: You entered an associated native entity name that the system does not recognize.

User response: Check the spelling and capitalization of the associated native entity name and try again.

Source: Java or C++ APIs

DGL2434A   Server type unknown, server name: [*nnn*].

Explanation: The type of the given server is not known, or the server is not defined.

User response: Correct your program or the server definition in the federated schema.

Source: Java or C++ APIs

DGL2435A   Schema mapping error, no associated search server: [*nnn*].

Explanation: The associated search server for text search is not defined.

User response: Correct the schema mapping. Define a text search server for text search and associate it with the appropriate content server.

Source: Java or C++ APIs

DGL2436A   Invalid associated server: [*nnn*].

Explanation: The definition of the associated server in the schema mapping is incorrect.

User response: Correct your program or your schema mapping definition.

Source: Java or C++ APIs

DGL2437A   Mixed logical operator is not supported in search template.

Explanation: The search template supports only AND or OR operators; it does not support a mixture of AND and OR logical operators.

User response: Correct your program.

Source: Java or C++ APIs

DGL2438A   Search template is not set properly; cannot generate query expression.

Explanation: You need to set properly all the required values and operators in the search template.

User response: Correct your program. Set the search criteria properly.

Source: Java or C++ APIs

DGL2439A   Search criteria value is not set.

Explanation: The search criteria value is not set.

User response: Correct your program. Set the search criteria value.

Source: Java or C++ APIs

DGL2440A   Only one text search criterion is allowed in a search template.

Explanation: Currently, only one text search criterion is supported in a search template.

User response: Correct your program. Specify only one text search criterion.

Source: Java or C++ APIs

DGL2441A   User cannot delete self.

Explanation: The system does not allow you to delete the user ID you are currently using.

User response: Log on as a different user. You can delete the user ID if you have the privilege and are not logged onto the user ID that you want to delete.

Source: Java or C++ APIs

DGL2442A   Fail to import FDL.

Explanation: The system cannot import the document routing diagram from the document routing builder to the document routing server.

User response: Make sure that a document routing server is installed and connected. Record the return code and see your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL2443A   Fail to export FDL.

Explanation: The system cannot export the document routing diagram from the document routing server to the document routing builder.

User response: Make sure that a document routing server is installed and is connected. Record the return code and see your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL2444A   Fail to start a workflow.

Explanation: The system cannot start an advanced workflow.

User response: Make sure that a document routing server is installed and is connected. Record the return code and see your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL2445A   Fail to terminate a workflow.

Explanation: The system cannot terminate an advanced workflow.

User response: Make sure that a document routing server is installed and is connected and that the advanced workflow is in one of the following states:

- DKConstantFed.DK_FED_FMC_PS_NOTSET
- DKConstantFed.DK_FED_FMC_PS_RUNNING
- DKConstantFed.DK_FED_FMC_PS_SUSPENDED
- DKConstantFed.DK_FED_FMC_PS_SUSPENDED

Record your action and return code. See your system administrator or the IBM service representative.

Source: Java or C++ APIs

DGL2446A   Fail to suspend a workflow.

Explanation: The system cannot suspend an advanced workflow.

User response: Make sure that a document routing server is installed, connected and not already suspended. Record your action and return code. See your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL2447A   Fail to resume a workflow.

Explanation: The system cannot resume a suspended advanced workflow.

User response: Make sure that a document routing server is installed, connected and already suspended. Record your action and return code. See your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL2448A   Fail to create a workflow.

Explanation: The system cannot create a new advanced workflow.

User response: Record your return code and see your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL2449A   Fail to update a workflow.

Explanation: The system cannot update an existing advanced workflow.

User response: Make sure that a document routing server is installed and is connected. Record your action and return code. See your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL2450A   Fail to delete a workflow.

Explanation: The system cannot delete an existing advanced workflow.

User response: Make sure that a document routing server is installed and connected and the system is in one of the following states:

- DKConstantFed.DK_FED_FMC_PS_READY II
- DKConstantFed.DK_FED_FMC_PS_FINISHED II
- DKConstantFed.DK_FED_FMC_PS_TERMINATING II
- DKConstantFed.DK_FED_FMC_PS_TERMINATED II
- DKConstantFed.DK_FED_FMC_PS_TERMINATED

Record your action and return code. See your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL2451A   Fail to retrieve a workflow.

Explanation: The system cannot retrieve an existing advanced workflow and get information from the document routing server.

User response: Make sure that a document routing server is installed and is connected. Record your action and return code. See your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL2452A   Workflow needs to be retrieved first.

Explanation: The system needs to retrieve an advanced workflow before trying to get information from the document routing server.

User response: Make sure that a document routing server is installed, connected and retrieved.

Source: Java or C++ APIs

DGL2453A   Fail to create a worklist.

Explanation: The system cannot create a new worklist.

User response: Make sure that a document routing server is installed, and connected. Record your action and return code. See your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL2454A   Fail to update a worklist.

Explanation: The system cannot update an existing worklist.

User response: Make sure that a document routing server is installed and is connected. Record your action and return code. See your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL2455A   Fail to delete a worklist.

Explanation: The system cannot delete an existing worklist.

User response: Make sure that a document routing server is installed and is connected. Record your action and return code. See your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL2456A   Fail to retrieve a worklist.

Explanation: The system cannot retrieve an existing worklist from the document routing server.

User response: Make sure that a document routing server is installed and is connected. Record your action and return code. See your system administrator or the IBM service representative.

Source: Java or C++ APIs

DGL2457A   Worklist needs to be retrieved first.

Explanation: An existing worklist must be retrieved before it can be updated or deleted.

User response: Make sure that a document routing server is installed, connected and retrieved.

Source: Java or C++ APIs

DGL2458A   Fail to start a work item.

Explanation: The system cannot initiate a work item.

User response: Make sure that a document routing server is installed and is connected. Record your action and return code. See your system administrator or the IBM service representative.

Source: Java or C++ APIs

DGL2459A   Fail to finish a work item.

Explanation: The system cannot finish a work item.

User response: Make sure that a document routing server is installed and connected. Record your action and return code. See your system administrator or the IBM service representative.

Source: Java or C++ APIs

DGL2460A   Fail to check in a work item.

Explanation: The system cannot check in a work item to the document routing server.

User response: Make sure that a document routing server is installed and connected. Record your action

and return code. See your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL2461A   Fail to check out a work item.

Explanation: The system cannot check out a work item from the document routing server.

User response: Make sure that a document routing server is installed and connected. Record your action and return code. See your system administrator or the IBM service representative.

Source: Java or C++ APIs

DGL2462A   Fail to transfer a work item.

Explanation: The system cannot transfer a work item from the current owner to the specified user.

User response: Make sure that a document routing server is installed and connected. Record your action and return code. See your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL2463A   Fail to cancel a work item.

Explanation: A work item cannot be canceled.

User response: Make sure that a document routing server is installed an d connected. Record your action and return code. See your system administrator or the IBM service representative.

Source: Java or C++ APIs

DGL2464A   Fail to retrieve a work item.

Explanation: A work item cannot be retrieved from the document routing server.

User response: Make sure that a document routing server is installed and connected. Record your action and return code. See your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL2465A   Work item needs to be retrieved first.

Explanation: A work item needs to be retrieved before performing an operation on it.

User response: Make sure that a document routing server is installed and connected. Record your action and return code. See your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL2466A   Workflow notification type is invalid.

Explanation: This error occurred while passing an invalid document routing notification type to the system.

User response: Make sure that a document routing server is installed and connected. Record your action and return code. See your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL2467A   Fail to transfer a workflow notification.

Explanation: The system cannot transfer a document routing notification to a specific user.

User response: Make sure that a document routing server is installed and connected. Record your action and return code. See your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL2468A   Fail to cancel a workflow notification.

Explanation: The system cannot cancel a document routing notification.

User response: Make sure that a document routing server is installed and connected. Record your action and return code. See your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL2469A   Fail to retrieve a workflow notification.

Explanation: The system cannot retrieve a document routing notification.

User response: Make sure that a document routing server is installed and connected. Record your action and return code. See your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL2470A   Workflow notification needs to be retrieved first.

Explanation: A document routing notification needs to be retrieved from the document routing server before performing an operation on it.

User response: Make sure that a document routing server is installed and connected. Record your action and return code. See your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL2471A   Fail to update a workflow container.

Explanation: The system cannot update a document routing container.

User response: Make sure that a document routing server is installed and connected. Record your action and return code. See your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL2472A   Fail to retrieve a workflow container.

Explanation: The system cannot retrieve a document routing container.

User response: Make sure that a document routing server is installed and connected. Record your action and return code. See your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL2473A   Workflow container needs to be retrieved first.

Explanation: A document routing container needs to be retrieved from the document routing server before performing an operation on it.

User response: Record your action and return code. See your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL2474A   Fail to retrieve a workflow template.

Explanation: The system cannot retrieve a document routing template from the document routing server.

User response: Make sure that a document routing server is installed and connected. Record your action and return code. See your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL2475A   Workflow template needs to be retrieved first.

Explanation: A document routing template needs to be retrieved from the document routing server before using definitional workflows.

User response: Record your action and return code. See your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL2476A   Incorrect state for the specified operation.

Explanation: The system is in an invalid state when performing a document routing operation.

User response: Make sure that the system is in the valid state when performing the operation. Record your action and return code. See your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL2483A   Only users with proper privilege can access this function.

Explanation: You do not have the appropriate privileges to perform this action.

User response: See your system administrator.

Source: Java or C++ APIs

DGL2484A   This workflow user does not exist.

Explanation: The document routing user cannot be updated or deleted because it does not exist in IBM WebSphere MQ Workflow (MQ).

User response: Make sure that the document routing user exists in MQ Workflow before updating or deleting it.

Source: Java or C++ APIs

DGL2485A   This workflow user already exists.

Explanation: You tried to create a document routing user who already exists in MQ Workflow.

User response: Make sure that the new document routing user does not exist in MQ Workflow when trying to create it.

Source: Java or C++ APIs

DGL2486A   This workflow role does not exist.

Explanation: The document routing role cannot be updated or deleted because it does not exist in MQ Workflow.

User response: Make sure that the document routing role exists in MQ Workflow before updating or deleting it.

Source: Java or C++ APIs

DGL2487A   This workflow role already exists.

Explanation: You tried to create a new document routing role that already exists in MQ Workflow.

User response: Make sure that the new document routing role does not exist in MQ Workflow when trying to create it.

Source: Java or C++ APIs

DGL2488A   This group coordinator does not exist.

Explanation: This group coordinator cannot be updated or deleted because it does not exist in MQ Workflow.

User response: Make sure that the group coordinator exists in MQ Workflow before updating or deleting it.

Source: Java or C++ APIs

DGL2489A   This group coordinator already exists.

Explanation: You tried to create a new group coordinator that already exists in MQ Workflow.

User response: Make sure that the new group coordinator does not exist in MQ Workflow when trying to create it.

Source: Java or C++ APIs

DGL2490A   This workflow package item ID does not exist.

Explanation: This document routing package item ID cannot be updated or deleted because it does not exist in MQ Workflow.

User response: Make sure that the document routing package item ID exists in MQ Workflow before updating or deleting it.

Source: Java or C++ APIs

DGL2491A   This workflow package comp ID does not exist.

Explanation: This document routing package component ID cannot be updated or deleted because it does not exist in MQ Workflow.

User response: Make sure that the document routing package component ID exists in MQ Workflow before updating or deleting it.

Source: Java or C++ APIs

DGL2492A   This workflow package name is not set.

Explanation: The document routing package name must be set in order to create the document routing package in the system.

User response: Set the document routing package name before creating the document routing package.

DGL2493A   This workflow package does not exist.

Explanation: A document routing package cannot be updated or deleted because it does not exist in MQ Workflow.

User response: Make sure that the document routing package exists in MQ Workflow before updating or deleting it.

Source: Java or C++ APIs

DGL2494A   This workflow package already exists.

Explanation: You tried to create a new document routing package that already exists in MQ Workflow.

User response: Make sure that the new document routing package does not exist in MQ Workflow when trying to create it.

Source: Java or C++ APIs

DGL2495A   This workflow package content does not exist.

Explanation: This document routing package content cannot be updated or deleted because it does not exist in MQ Workflow.

User response: Make sure that the document routing package content exists in MQ Workflow before updating or deleting it.

Source: Java or C++ APIs

DGL2496A   Fail to add this workflow package.

Explanation: Another document routing package in the system already has this name or the server has internal problems.

User response: Make sure that the name of the document routing package is unique and see your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL2497A   This workflow diagram item ID does not exist.

Explanation: This document routing diagram item ID cannot be updated or deleted because it does not exist in MQ Workflow.

User response: Make sure that the document routing diagram item ID exists in MQ Workflow before updating or deleting it.

Source: Java or C++ APIs

DGL2498A   This workflow diagram component ID does not exist.

Explanation: This document routing diagram component ID cannot be updated or deleted because it does not exist in MQ Workflow.

User response: Make sure that the document routing diagram component ID exists in MQ Workflow before updating or deleting it.

Source: Java or C++ APIs

DGL2499A   This workflow diagram name is not set.

Explanation: The document routing diagram name must be set in order to create the document routing diagram in the server.

User response: Set the document routing diagram name before creating the document routing diagram.

Source: Java or C++ APIs

DGL2500A   This workflow diagram does not exist.

Explanation: This document routing diagram cannot be updated or deleted because it does not exist in MQ Workflow.

User response: Make sure that the document routing diagram exists in MQ Workflow before updating or deleting it.

Source: Java or C++ APIs

DGL2501A   This workflow diagram already exists.

Explanation: You tried to create a document routing diagram that already exists in MQ Workflow.

User response: Make sure that the new document routing diagram does not exist in MQ Workflow when trying to create it.

Source: Java or C++ APIs

DGL2502A   Fail to add this workflow diagram.

Explanation: The name of this document routing diagram is a duplicate name or the server has internal problems.

User response: Make sure that the document routing diagram name is unique and see your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL2503A   This workflow action item ID does not exist.

Explanation: This document routing action item ID cannot be updated or deleted because it does not exist in MQ Workflow.

User response: Make sure that the document routing action item ID exists in MQ Workflow before updating or deleting it.

Source: Java or C++ APIs

DGL2504A   This workflow action component ID does not exist.

Explanation: This document routing action component ID cannot be updated or deleted because does not exist in MQ Workflow.

User response: Make sure that the document routing action component ID exists in MQ Workflow before updating or deleting it.

Source: Java or C++ APIs

DGL2505A   This workflow action name is not set.

Explanation: The document routing action name must be set in order to create the document routing action in the server.

User response: Set the document routing action name before attempting to create the document routing action.

Source: Java or C++ APIs

DGL2506A   This workflow action does not exist.

Explanation: This document routing action cannot be updated or deleted because it does not exist in MQ Workflow.

User response: Make sure that the document routing action exists in MQ Workflow before updating or deleting it.

Source: Java or C++ APIs

DGL2507A   This workflow action already exists.

Explanation: A new document routing action cannot be created because it already exists in the system.

User response: Make sure that the new document routing action does not exist when trying to create it.

Source: Java or C++ APIs

DGL2508A   Fail to add this workflow action.

Explanation: The name of this document routing action is a duplicate name or the server has internal problems.

User response: Make sure that the document routing action name is unique and see your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL2509A   This workflow action list item ID does not exist.

Explanation: This document routing action list item ID cannot be updated or deleted because it does not exist in MQ Workflow.

User response: Make sure that the document routing action list item ID exists in MQ Workflow before updating or deleting it.

Source: Java or C++ APIs

DGL2510A   This workflow action list component ID does not exist.

Explanation: This document routing action list component ID cannot be updated or deleted because it does not exist in MQ Workflow.

User response: Make sure that the document routing action list component ID exists in MQ Workflow before updating or deleting it.

Source: Java or C++ APIs

DGL2511A   This workflow action list name is not set.

Explanation: The document routing action list name must be set in order to create the document routing action list in the system.

User response: Set the document routing action list name before creating the document routing action list.

Source: Java or C++ APIs

DGL2512A   This workflow action list does not exist.

Explanation: This document routing action list cannot be updated or deleted because it does not exist in MQ Workflow.

User response: Make sure that the document routing action list exists in MQ Workflow before updating or deleting it.

Source: Java or C++ APIs

DGL2513A   This workflow action list already exists.

Explanation: You tried to create a new document routing action list that already exists in the system.

User response: Make sure that the new document routing action li st does not exist when trying to create it.

Source: Java or C++ APIs

DGL2514A   Fail to add this workflow action list.

Explanation: The name of this document routing action list is a duplicate name or the server has internal problems.

User response: Make sure that the document routing action list name is unique and see your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL2515A   This worklist item ID does not exist.

Explanation: This worklist item ID cannot be updated or deleted because it does not exist in MQ Workflow.

User response: Make sure that the worklist item ID exists in MQ Workflow before updating or deleting it.

Source: Java or C++ APIs

DGL2516A   This worklist component ID does not exist.

Explanation: This worklist component ID cannot be updated or deleted because it does not exist in MQ Workflow.

User response: Make sure that the worklist component ID exists in MQ Workflow before updating or deleting it.

Source: Java or C++ APIs

DGL2517A   This worklist name is not set.

Explanation: The worklist name must be set in order to create the worklist in the system.

User response: Set the worklist name before creating the worklist.

Source: Java or C++ APIs

DGL2518A   This worklist does not exist.

Explanation: This worklist does not exist in MQ Workflow.

User response: Make sure that the worklist exists in the system before updating or deleting it.

Source: Java or C++ APIs

DGL2519A   This worklist already exists.

Explanation: You tried to create a new worklist that already exists.

User response: Make sure that the new worklist does not exist when trying to create it.

Source: Java or C++ APIs

DGL2520A   Fail to add this worklist.

Explanation: The name of this worklist was a duplicate name or the server had internal problems.

User response: Make sure that the worklist name is unique and see your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL2521A   Workflow service not available.

Explanation: The document routing service is not installed, enabled and run by your system administrator.

User response: Make sure that the document routing service is installed and running. To enable the document routing, select **Tools** > **Service**.

Source: Java or C++ APIs

DGL2522A   Workflow service not connected.

Explanation: The document routing server is down or the user ID provided to log on to the document routing server does not exist in the server.

User response: Make sure that the document routing server is running and see your system administrator to make sure that the user ID exists in the server.

Source: Java or C++ APIs

DGL2523A   This workflow item is already checked out by another user.

Explanation: You tried to check out a document routing item that has already been checked out by another user.

User response: Make sure that the document routing item is not checked out by another user.

Source: Java or C++ APIs

DGL2524A   This workflow item not checked out.

Explanation: You tried to perform an operation on a document routing item that has not been checked out.

User response: Check out or unlock the document routing item.

Source: Java or C++ APIs

DGL2525A   The item ID of this workflow item does not exist.

Explanation: The item ID of the document routing item does not exist on the document routing server.

User response: Be sure to use a valid item ID or create a new item ID.

Source: Java or C++ APIs

DGL2526A   This workflow item does not exist.

Explanation: This document routing item does not exist on the document routing server.

User response: Make sure that the document routing item exists on the document routing server.

Source: Java or C++ APIs

DGL2527A   This workflow NLS word already exists.

Explanation: The NLS word of this advanced workflow already exists on the document routing server.

User response: Make sure that the NLS word of this advanced workflow is unique.

Source: Java or C++ APIs

DGL2528A   This workflow NLS word does not exist.

Explanation: The NLS word of this advanced workflow does not exist on the document routing server.

User response: Make sure that the NLS word of this advanced workflow exists on the document routing server before updating or deleting the advanced workflow.

Source: Java or C++ APIs

DGL2529A   Workflow action cannot be deleted or updated when being used in an action list.

Explanation: A document routing action cannot be deleted or updated when it is used in an action list.

User response: Make sure that the document routing action is not in any action list before deleting or updating the action.

Source: Java or C++ APIs

DGL2530A   You must set the coordinator when defining a user group.

Explanation: Each advanced workflow user group requires a group coordinator when enabling an advanced workflow. You did not set the coordinator when defining a document routing user group.

User response: Set the document routing user group coordinator.

Source: Java or C++ APIs

DGL2531A   Workflow action icon cannot be greater than 4096 bytes.

Explanation: This message is generated when the document routing action icon is an image file greater than 4096 bytes.

User response: Make sure that the document routing action icon is equal to or less than 4096 bytes.

Source: Java or C++ APIs

DGL2532A   Workflow component ID cannot be found due to invalid item ID.

Explanation: The document routing component ID cannot be found because of an invalid document routing item ID. The component ID and item ID make the document routing object unique.

User response: Make sure that the document routing item is retrieved from the system to obtain the valid item ID.

Source: Java or C++ APIs

DGL2533A   Workflow item cannot be unlocked because the item is either not checked out or item does not exist.

Explanation: The document routing item cannot be unlocked because the item is not checked out or the item does not exist.

User response: Make sure that the document routing item exists and is checked out.

Source: Java or C++ APIs

DGL2534A   This federated attribute cannot be deleted because it is used by one or more search templates. Attribute name: [=].

Explanation: The federated attribute cannot be deleted from the system because it is used by one or more search templates.

User response: Make sure that the federated attribute is not used by any of the search templates.

Source: Java or C++ APIs

DGL2535A   This access control list cannot be deleted because it is used elsewhere in the system.ACL: [*nnn*].

Explanation: This access control list cannot be deleted because it is used elsewhere in the system

User response: Make sure that the access control list is not used else where in the system.

Source: Java or C++ APIs

DGL2536A   This server does not exist.

Explanation: The content server cannot be updated or deleted because it is not defined.

User response: Make sure that the content server is defined before performing an operation.

Source: Java or C++ APIs

DGL2537A   This server already exists.

Explanation: You tried to define a server that already exists. The name of a server should be unique in the system.

User response: Make sure that the server name is unique in the system.

Source: Java or C++ APIs

DGL2538A   Invalid database format [*nnn*]. Run the migration utility before using this application.

Explanation: You are using a previous version of the IBM Information Integrator for Content database.

User response: Run the IBM Information Integrator for Content database migration utility before using this application.

Source: Java or C++ APIs

DGL2539A   This user name is the same as a user group name.

Explanation: The user name and the user group name must be unique.

User response: Make sure that the user name and the user group name are unique.

Source: Java or C++ APIs

DGL2540A   This user group name is the same as a user name.

Explanation: The user group name and the user name must be unique.

User response: Make sure that the user group name and the user name are unique.

Source: Java or C++ APIs

DGL2541A   This WebSphere Portal server user mapping already exists.

Explanation: The user mapping for the WebSphere Portal server already exists.

User response: Correct your program or define a different user mapping.

Source: Java or C++ APIs

DGL2542A   This WebSphere Portal server user mapping does not exist.

Explanation: This WebSphere Portal server user mapping does not exist.

User response: Correct your program or define a user mapping.

Source: Java or C++ APIs

DGL2543A   This privilege is in use.

Explanation: This privilege already exists in a certain privilege set.

User response: Do not delete this privilege from the database.

Source: Java or C++ APIs

DGL2544A   Fail to add a privilege.

Explanation: An error occurred while adding a privilege.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL2545A   Fail to delete a privilege.

Explanation: An error occurred while deleting a privilege.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL2546A   Fail to update a privilege.

Explanation: An error occurred while updating a privilege.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL2547A   Fail to retrieve a privilege.

Explanation: An error occurred while retrieving a privilege.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL2548A   Fail to add a privilege set.

Explanation: An error occurred while adding a privilege set.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL2549A   Fail to delete a privilege set.

Explanation: An error occurred while deleting a privilege set.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL2550A   Fail to update a privilege set.

Explanation: An error occurred while updating a privilege set.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL2551A   Fail to retrieve a privilege set.

Explanation: An error occurred while retrieving a privilege set.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL2552A   Fail to add a privilege group.

Explanation: An error occurred while adding a privilege group.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL2553A   Fail to delete a privilege group.

Explanation: An error occurred while deleting a privilege group.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL2554A   Fail to update a privilege group.

Explanation: An error occurred while updating a privilege group.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL2555A   Fail to retrieve a privilege group.

Explanation: An error occurred while retrieving a privilege group.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL2556A   Fail to add an access control list.

Explanation: An error occurred while adding an access control list.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL2557A   Fail to delete an access control list.

Explanation: An error occurred while deleting an access control list.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL2558A   Fail to update an access control list.

Explanation: An error occurred while updating an access control list.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL2559A   Fail to retrieve an access control list.

Explanation: An error occurred while retrieving an access control list.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL2560A   Fail to add a rule in the access control list.

Explanation: An error occurred while adding a rule to an access control list.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL2561A   Fail to delete a rule in the access control list.

Explanation: An error occurred while deleting a rule from an access control list.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL2562A   Fail to update a rule in the access control list.

Explanation: An error occurred while updating a rule in an access control list.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL2563A   Fail to retrieve a rule in the access control list.

Explanation: An error occurred while retrieving a rule from an access control list.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL2564A   This privilege already exists in the privilege set.

Explanation: This privilege already exists in a privilege set in the database.

User response: Do not add this privilege to the database.

Source: Java or C++ APIs

DGL2565A   This privilege does not exist in the privilege set.

Explanation: This privilege does not exist in the privilege set.

User response: Add this privilege to the privilege set.

Source: Java or C++ APIs

DGL2566A   This privilege already exists in the privilege group.

Explanation: This privilege already exists in a privilege group in the database.

User response: Do not add this privilege to the database.

Source: Java or C++ APIs

Source: Java or C++ APIs

DGL2567A   **This privilege does not exist in the privilege group.**

Explanation: This privilege does not exist in a privilege group in the database.

User response: Add this privilege to the privilege group.

Source: Java or C++ APIs

DGL2568A   **Fail to list privileges.**

Explanation: An error occurred while listing privileges.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL2569A   **Fail to list privilege sets.**

Explanation: An error occurred while listing privilege sets.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL2570A   **Fail to list privilege groups.**

Explanation: An error occurred while listing privilege groups.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL2571A   **Fail to list access control lists.**

Explanation: An error occurred while listing access control lists.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL2572A   **Fail to list NLS keywords.**

Explanation: An error occurred while listing NLS keywords.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

DGL2573A   **The user or group name in the access control list is null.**

Explanation: You cannot have a null value for a user or group name in the access control list.

User response: Define a user or group name in the access control list.

Source: Java or C++ APIs

DGL2574A   **System-defined access control list cannot be deleted.**

Explanation: A system-defined access control list cannot be deleted.

User response: Do not try to delete this access control list.

Source: Java or C++ APIs

DGL2575A   **System-defined access control list cannot be updated.**

Explanation: A system-defined access control list cannot be updated.

User response: Do not try to update this access control list.

Source: Java or C++ APIs

DGL2576A   **System-defined privilege cannot be deleted.**

Explanation: A system-defined privilege cannot be deleted.

User response: Do not try to delete this privilege.

Source: Java or C++ APIs

DGL2577A   **System-defined privilege cannot be updated.**

Explanation: A system-defined privilege cannot be updated.

User response: Do not try to update this privilege.

Source: Java or C++ APIs

DGL2578A   **System-defined privilege set cannot be deleted.**

Explanation: A system-defined privilege set cannot be deleted.

User response: Do not try to delete this privilege set.

Source: Java or C++ APIs

DGL2579A   System-defined privilege set cannot be updated.

Explanation: A system-defined privilege set cannot be updated.

User response: Do not try to update this privilege set.

Source: Java or C++ APIs

DGL2580A   System-defined privilege group cannot be deleted.

Explanation: A system-defined privilege group cannot be deleted.

User response: Do not try to delete this privilege group.

Source: Java or C++ APIs

DGL2581A   System-defined privilege group cannot be updated.

Explanation: A system-defined privilege cannot be updated.

User response: Do not try to update this privilege group.

Source: Java or C++ APIs

DGL2582A   The privilege ID does not exist.

Explanation: This privilege might not be in the database.

User response: Add this privilege to the database.

Source: Java or C++ APIs

DGL2583A   The privilege set ID does not exist.

Explanation: This privilege set might not be in the database.

User response: Add this privilege set to the database.

Source: Java or C++ APIs

DGL2584A   The privilege group ID does not exist.

Explanation: This privilege group might not be in the database.

User response: Add this privilege group to the database.

Source: Java or C++ APIs

DGL2585A   The access control list ID does not exist.

Explanation: This access control list might not be in the database.

User response: Add this access control list to the database.

Source: Java or C++ APIs

DGL2586A   The privilege does not exist.

Explanation: This privilege is not in the database.

User response: Add this privilege to the database.

Source: Java or C++ APIs

DGL2587A   The privilege set does not exist.

Explanation: This privilege set is not in the database.

User response: Add this privilege set to the database.

Source: Java or C++ APIs

DGL2588A   The privilege group does not exist.

Explanation: This privilege group is not in the database.

User response: Add this privilege group to the database.

Source: Java or C++ APIs

DGL2589A   The access control list does not exist.

Explanation: This access control list is not in the database.

User response: Add this access control list to the database.

Source: Java or C++ APIs

DGL2590A   The privilege already exists.

Explanation: This privilege is already in the database.

User response: Do not add this privilege to the database.

Source: Java or C++ APIs

DGL2591A   The privilege set already exists.

Explanation: This privilege set is already in the database.

User response: Do not add this privilege set to the database.

Source: Java or C++ APIs

DGL2592A   The privilege group already exists.

Explanation: This privilege group is already in the database.

User response: Do not add this privilege group to the database.

Source: Java or C++ APIs

DGL2593A   The access control list already exists.

Explanation: This access control list is already in the database.

User response: Do not add this access control list to the database.

Source: Java or C++ APIs

DGL2594A   The rule in this access control list already exists.

Explanation: This rule already exists in this access control list.

User response: Do not add this rule to this access control list.

Source: Java or C++ APIs

DGL2595A   The user or group in this access control list already exists.

Explanation: This user or group already exists in this access control list.

User response: Do not add this user or group to this access control list.

Source: Java or C++ APIs

DGL2596A   The user or group in this access control list does not exist.

Explanation: This user or group is not in this access control list.

User response: Add the user or group to this access control list.

Source: Java or C++ APIs

DGL2597A   Fail to delete the user group.

Explanation: An error occurred while deleting this user group.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL2598A   Fail to update the user group.

Explanation: An error occurred while updating this user group.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL2599A   Fail to retrieve the user group.

Explanation: An error occurred while retrieving this user group.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL2600A   Fail to add the user group.

Explanation: An error occurred while adding this user group.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL2601A   User already exists in the user group.

Explanation: This user is already defined in the user group.

User response: Do not add this user to the user group.

Source: Java or C++ APIs

DGL2602A   User does not exist in the user group.

Explanation: This user does not exist in this user group.

User response: Add this user to this user group.

Source: Java or C++ APIs

DGL2603A   Fail to list users.

Explanation: An error occurred while listing users.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL2604A   Fail to list user groups.

Explanation: An error occurred while listing user groups.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL2605A   **Invalid user ID.**

Explanation: This user does not exist in the system.

User response: Check the spelling and capitalization of the user ID, or add this user to the system.

Source: Java or C++ APIs

DGL2606A   **Invalid user group ID.**

Explanation: This user group does not exist in the system.

User response: Check the spelling and capitalization of the user group ID, or add this user group to the system.

Source: Java or C++ APIs

DGL2609A   **User ID does not exist.**

Explanation: You tried to delete or update a user, but the user does not exist in the system.

User response: No action is necessary. You can only delete or update a user that exists in the system.

Source: Java or C++ APIs

DGL2610A   **User group ID does not exist.**

Explanation: You tried to delete or update a user group, but the user group does not exist in the system.

User response: No action is necessary. You can only delete or update a user group that exists in the system.

Source: Java or C++ APIs

DGL2611A   **User does not exist.**

Explanation: You tried to delete or update a user, but the user does not exist in the system.

User response: No action is necessary. You can only delete or update a user that exists in the system.

Source: Java or C++ APIs

DGL2612A   **User group does not exist.**

Explanation: You tried to delete or update a user group, but the user group does not exist in the system.

User response: No action is necessary. You can only delete or update a user group that exists in the system.

Source: Java or C++ APIs

DGL2613A   **User already exists.**

Explanation: You tried to add a new user, but this user already exists in the system.

User response: Change the name of the new user you tried to add.

Source: Java or C++ APIs

DGL2614A   **User group already exists.**

Explanation: You tried to add a new user group, but this user group already exists in the system.

User response: Change the name of the new user group you tried to add.

Source: Java or C++ APIs

DGL2616A   **Fail to add the user.**

Explanation: An error occurred while adding this user.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL2617A   **Fail to delete the user.**

Explanation: An error occurred while deleting this user.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL2618A   **Fail to retrieve the user.**

Explanation: An error occurred while retrieving this user.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL2619A   **Fail to update the user.**

Explanation: An error occurred while updating this user.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL2620A   **Workflow event activity name does not exist.**

Explanation: The system cannot find the name of this document routing event.

User response: Make sure that an advanced workflow

is running. Record your action and return code. See your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL2621A   Workflow event does not exist.

Explanation: The system cannot find the name of this document routing event.

User response: Make sure that an advanced workflow is running. Record your return code and see your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL2622A   Workflow event already exists.

Explanation: This document routing event already exists in the system.

User response: Record your action and return code. See your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL2623A   Fail to add workflow event.

Explanation: The system cannot add this document routing event.

User response: Record your action and return code. See your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL2624A   Fail to delete workflow event.

Explanation: The system cannot delete an existing document routing event.

User response: Make sure that a document routing is running. Record your action and return code. See your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL2625A   Fail to update workflow event.

Explanation: The system cannot update an existing document routing event.

User response: Make sure that an advanced workflow is running. Record your action and return code. See your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL2626A   Fail to retrieve a workflow event.

Explanation: The system cannot retrieve an existing advanced workflow and get the information from the document routing server.

User response: Make sure that a document routing server is running. Record your action and return code. See your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL2627A   Fail to list workflow events.

Explanation: The system cannot list existing document routing events.

User response: Make sure that an advanced workflow is running. Record your action and return code. See your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL2628A   Fail to list workflow collection points.

Explanation: The system cannot list existing advanced workflow collection points.

User response: Make sure that an advanced workflow is running. Record your action and return code. See your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL2629A   Workflow collection point process ID is not set.

Explanation: The system cannot delete or update the collection point because the collection point ID does exist.

User response: Make sure that the ID for this collection point exists on the document routing server before updating or deleting it.

Source: Java or C++ APIs

DGL2630A   Workflow collection point does not exist.

Explanation: The system cannot find this collection point within the advanced workflow.

User response: Using the system administration client, define a new collection point.

Source: Java or C++ APIs

DGL2631A   Workflow collection point already exists.

Explanation: This collection point already exists within the advanced workflow.

User response: Using the system administration client, define a new collection point.

Source: Java or C++ APIs

DGL2632A   Fail to add workflow collection point.

Explanation: The system cannot add this collection point.

User response: Make sure that an advanced workflow is running. Record your action and return code. See your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL2633A   Fail to delete workflow collection point.

Explanation: The system cannot delete an existing collection point.

User response: Make sure that an advanced workflow is running. Record your action and return code. See your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL2634A   Fail to update workflow collection point.

Explanation: The system cannot update an existing collection point.

User response: Make sure that an advanced workflow is running. Record your action and return code. See your system administrator or IBM service representative

Source: Java or C++ APIs

DGL2635A   Fail to retrieve workflow collection point.

Explanation: The system cannot retrieve an existing collection point.

User response: Make sure that an advanced workflow is running. Record your action and return code. See your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL2636A   Fail to list workflow action lists.

Explanation: The system cannot list the advanced workflow action lists.

User response: Make sure that an advanced workflow is running. Record your action and return code. See your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL2637A   Workflow action already exists in the workflow action list.

Explanation: This document routing action cannot be created because it already exists in this document routing action list.

User response: Make sure that the new document routing action does not exist when trying to create it.

Source: Java or C++ APIs

DGL2638A   Workflow action does not exist in the workflow action list.

Explanation: This document routing action cannot be updated or deleted because it does not exist on the document routing server.

User response: Make sure the document routing action exists in the document routing server before updating or deleting it.

Source: Java or C++ APIs

DGL2639A   Fail to delete workflow action list.

Explanation: The system cannot delete an existing action list.

User response: Make sure that a document routing server is running. Record your action and return code. See your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL2640A   Fail to update workflow action list.

Explanation: The system cannot update an existing action list.

User response: Make sure that a document routing server is running. Record your action and return code. See your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL2641A   Fail to retrieve workflow action list.

Explanation: The system cannot retrieve an existing action list from the document routing server.

User response: Make sure that a document routing server is running. Record your action and return code. See your system administrator or the IBM service representative.

Source: Java or C++ APIs

DGL2642A   Fail to list workflow actions.

Explanation: The system cannot list existing actions for this advanced workflow.

User response: Make sure that a document routing server is running. Record your action and return code. See your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL2643A   Fail to delete workflow actions.

Explanation: The system cannot delete existing actions for this advanced workflow.

User response: Make sure that a document routing server is running. Record your action and return code. See your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL2644A   Fail to update workflow actions.

Explanation: The system cannot update existing actions for this advanced workflow.

User response: Make sure that a document routing server is running. Record your action and return code. See your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL2645A   Fail to retrieve workflow actions.

Explanation: The system cannot retrieve the actions for this advanced workflow from the document routing server.

User response: Make sure that a document routing server is running. Record your action and return code. See your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL2646A   Fail to list workflow diagrams.

Explanation: The system cannot list the document routing diagrams for this advanced workflow.

User response: Make sure that a document routing server is running. Record your action and return code. See your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL2647A   Fail to delete workflow diagrams.

Explanation: The system cannot delete the document routing diagrams for this advanced workflow.

User response: Make sure that a document routing server is running. Record your action and return code. See your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL2648A   Fail to update workflow diagrams.

Explanation: The system cannot update the document routing diagrams for this advanced workflow.

User response: Make sure that a document routing server is running. Record your action and return code. See your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL2649A   Fail to retrieve workflow diagrams.

Explanation: The system cannot retrieve the document routing diagrams for this advanced workflow from the document routing server.

User response: Make sure that a document routing server is running. Record your action and return code. See your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL2650A   Fail to list worklists.

Explanation: The system cannot list the document routing worklists.

User response: Make sure that a document routing server is running. Record your action and return code. See your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL2651A   Fail to delete worklist.

Explanation: The system cannot delete the document routing worklist.

User response: Make sure that a document routing server is running. Record your action and return code. See your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL2652A   Fail to update worklist.

Explanation: The system cannot update the document routing worklist.

User response: Make sure that a document routing server is running. Record your action and return code. See your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL2653A   Fail to retrieve worklist.

Explanation: The system cannot retrieve the document routing worklist from the document routing server.

User response: Make sure that a document routing server is running. Record your action and return code. See your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL2654A   Unable to retrieve a list of compiled access control list codes.

Explanation: The system cannot retrieve the access control lists codes from the library server.

User response: Record your action and return code. See your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL2655A   Domain name does not exist.

Explanation: This domain name does not exist in the system.

User response: Add the domain name to the system.

Source: Java or C++ APIs

DGL2656A   Fail to add domain privilege sets.

Explanation: An error occurred while adding the privilege sets for this domain.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL2657A   Fail to remove domain privilege sets.

Explanation: An error occurred while removing the privilege sets for this domain.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL2658A   Fail to add domain access control lists.

Explanation: An error occurred while adding the access control lists for this domain.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL2659A   Fail to remove domain access control lists.

Explanation: An error occurred while removing the access control lists for this domain.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL2660A   This user is in use.

Explanation: You requested a user that is already being used in another group or by another object.

User response: Make sure the user is not in use by another group or another object.

Source: Java or C++ APIs

DGL2661A   This user group is in use.

Explanation: You requested a user group that is already being used in another group or by another object.

User response: Make sure the user group is not in use by another group or another object.

Source: Java or C++ APIs

DGL2662A   System-defined user group cannot be deleted.

Explanation: You tried to delete a system-defined user group, which cannot be deleted.

User response: Do not try to delete system-defined user groups.

Source: Java or C++ APIs

DGL2663A   System-defined user group cannot be updated.

Explanation: You tried to update a system-defined user group, which cannot be updated.

User response: Do not try to update system-defined user groups.

Source: Java or C++ API.

DGL2664A   System-defined user cannot be deleted.

Explanation: You tried to delete a system-defined user, which cannot be deleted.

User response: Do not try to delete system-defined users.

Source: Java or C++ APIs

DGL2665A   System-defined user cannot be updated.

Explanation: You tried to update a system-defined user, which cannot be updated.

User response: Do not try to update system-defined users.

Source: Java or C++ API.

DGL2666A   Object type [*nnn*] should have a three-part name that is delimited with semicolons (;).

Explanation: The DDO contains a nonfederated object type. A federated object type has a three-part name that includes "feName", "beServerName", and " neName".

User response: Supply a federated DDO with federated object type.

Source: Java or C++ APIs

DGL2667A   No mappings found for [*nnn*] fedEntity to [*nnn*] nativeEntity.

Explanation: The system cannot find a mapping for the given federated entity to the given native entity.

User response: Using the system administration client, define a mapping for the given federated entity to the given native entity.

Source: Java or C++ APIs

DGL2668A   Invalid object. Object must be an instance of: [*nnn*].

Explanation: An incorrect subclass type for this object was used. The subclass type must be the specified instance or a subclass of the parameter type.

User response: Use only objects of the specified

subclass with this function, or use the appropriate function or object to handle this operation for the subclass you are using.

Source: Java or C++ APIs

DGL2669A   Privilege name cannot be null.

Explanation: You did not provide a name for this privilege. Privilege names cannot be null.

User response: Define a name for this privilege.

Source: Java or C++ APIs

DGL2670A   This domain cannot be deleted because it contains at least one object. Move the object(s) to other domain(s).

Explanation: You tried to delete a domain with at least one object in it. You can only delete a domain when it does not contain any object.

User response: Move the object(s) to other domain(s) and retry the operation.

Source: Java or C++ APIs

DGL2671A   A user name was not specified.

Explanation: You did not specify a user name.

User response: Specify a user name.

Source: Java or C++ APIs

DGL2672A   Prompt for user ID and password for server.

User response: Specify a user ID and password.

Source: Java or C++ APIs

DGL2673A   A user group or non-super user cannot be associated with a super privilege set.

Explanation: A privilege set that contains the DomainSuperDomainAdmin privilege can only be associated with a user who has the DomainSuperDomainAdmin privilege in this privilege set, which forms an access control list rule.

User response: Remove this rule from the access control list.

Source: Java or C++ APIs

DGL2674A   Cannot find the workflow ICM container because the workflow configuration for ICM is not correct.

Explanation: The container data for document routing is not correct.

User response: Import the correct container data into the system.

Source: Java or C++ APIs

DGL2675A   The password for this user can only be changed manually, because the user ID is both a system user ID and a federated user ID.

Explanation: The password for this user can only be changed manually, because the user ID is both a system user ID and a federated user ID.

User response: Manually change the password for this database user ID. (For example, on Windows, use User Manager; on AIX, use SMIT).

Source: Java or C++ APIs

DGL2676A   This group cannot be added to IBM Content Manager or IBM Information Integrator for Content due to an internal error in the MQ Series workflow server.

Explanation: This group cannot be added to IBM Content Manager or IBM Information Integrator for Content due to an internal error in the MQ Series workflow server.

User response: Make sure all users in the group that you are trying to ad d are MQ Series Workflow users. See the MQ Workflow documentation on how to verify MQ Series Workflow user information.

Source: Java or C++ APIs

DGL2677A   The part number is not set.

Explanation: The part number is not set.

User response: Make sure to set the part number in the xdo pid.

Source: Java or C++ APIs

DGL2678A   Cannot access private fed folders that belong to someone else.

Explanation: You can only access public federated folder or your own federated folder.

User response: Make sure the federated folder you are accessing is public or belongs to you.

Source: Java or C++ APIs

DGL2679A   You are not authorized to retrieve a fed folder. The required privilege is ItemQuery or ItemSuperAccess.

Explanation: You are not authorized to retrieve a federated folder.

User response: Make sure you are authorized to retrieve a federated folder. The required privilege is ItemQuery or ItemSuperAccess.

Source: Java or C++ APIs

DGL2680A   You are not authorized to add a fed folder. The required privilege is ItemAdd or ItemSuperAccess.

Explanation: You are not authorized to add a federated folder.

User response: Make sure you are authorized to add a federated folder. The required privilege is ItemAdd or ItemSuperAccess.

Source: Java or C++ APIs

DGL2681A   You are not authorized to add content to a fed folder. The required privilege is ItemAddLink or ItemSuperAccess.

Explanation: You are not authorized to add content to a federated folder.

User response: Make sure you are authorized to add content to a federated folder. The required privilege is ItemAddLink or ItemSuperAccess.

Source: Java or C++ APIs

DGL2682A   You are not authorized to add parts to a federated folder. The required privilege is ItemAddLink or ItemSuperAccess.

Explanation: You are not authorized to add parts to a federated folder.

User response: Make sure you are authorized to add parts to a federated folder. The required privilege is ItemAddLink or ItemSuperAccess.

Source: Java or C++ APIs

DGL2683A   You are not authorized to remove a federated folder. The required privilege is ItemDelete or ItemSuperAccess.

Explanation: You are not authorized to remove a federated folder.

User response: Make sure you are authorized to remove a fed folder. The required privilege is ItemDelete or ItemSuperAccess.

Source: Java or C++ APIs

DGL2684A   You are not authorized to remove content from a federated folder. The required privilege is ItemRemoveLink or ItemSuperAccess.

Explanation: You are not authorized to remove content from a federated folder.

User response: Make sure you are authorized to remove content from a federated folder. The required privilege is ItemRemoveLink or ItemSuperAccess.

Source: Java or C++ APIs

DGL2685A **You are not authorized to remove parts from a federated folder. The required privilege is ItemRemoveLink or ItemSuperAccess.**

Explanation: You are not authorized to remove parts from a federated folder.

User response: Make sure you are authorized to remove parts from a fed folder. The required privilege is ItemRemoveLink or ItemSuperAccess.

Source: Java or C++ APIs

DGL2686A **You are not authorized to update parts in a federated folder. The required privilege is (ItemSetSysAttr and ItemSetUserAttr) or ItemSuperAccess.**

Explanation: You are not authorized to update parts in a federated folder.

User response: Make sure you are authorized to update parts in a federated folder. The required privilege is (ItemSetSysAttr and ItemSetUserAttr) or ItemSuperAccess.

Source: Java or C++ APIs

DGL2687A **You are not authorized to update a federated folder. The required privilege is (ItemSetSysAttr and ItemSetUserAttr) or ItemSuperAccess.**

Explanation: You are not authorized to update a federated folder.

User response: Make sure you are authorized to update a federated folder. The required privilege is (ItemSetSysAttr and ItemSetUserAttr) or ItemSuperAccess.

Source: Java or C++ APIs

DGL2688A **Failed to add content to the federated folder because it does not exist.**

Explanation: The system failed to add content to this federated folder, because the federated folder does not exist.

User response: Make sure the federated folder exists before you add content to it.

Source: Java or C++ APIs

DGL2689A **Failed to create federated folder in the database.**

Explanation: The system failed to create federated folder in the database.

User response: Make sure the length of the attributes

for the federated folder are greater than 0.

Source: Java or C++ APIs

DGL2690A **Cannot modify, delete, or add an attribute of a federated entity that has an associated folder.**

Explanation: You cannot modify, delete, or add an attribute of a federated entity that has an associated folder.

User response: Delete the federated entity and re-create it with the appropriately modified attributes.

Source: Java or C++ APIs

DGL2691A **One of the DLLs could not be loaded, which is indicated in the exception.**

Explanation: This error is normally caused by one of two reasons:
- The DLL is missing
- The schema name is specified incorrectly, either at logon or in the cmbicmsrvs.ini or cmbds.ini files.

User response: Check that the cmbicmsrvs.ini and cmbds.ini files contain a valid schema choice.

Source: Java or C++ APIs

DGL2692A **Nested element is not allowed for federated entity.**

Explanation: A federated entity cannot have any child entity.

User response: Remove child element declaration from the XML schema file, and repeat the action.

Source: Java or C++ APIs

DGL2693A **The property %1 of the federated entity %2 cannot be modified.**

Explanation: The given property of the federated entity is not updatable.

User response: Change the value of the given property to match the one in the target system.

Source: Java or C++ APIs

DGL2694A **The given federated entity attribute %1 has invalid data type.**

Explanation: The attribute type of the given federated entity is invalid.

User response: Drop and recreate the attribute with the correct type information.

Source: Java or C++ APIs

DGL2695A   Cannot specify a default value for a federated entity attribute *%1***.**

Explanation: Federated entity does not support an attribute with default value.

User response: Remove the default value from the XML schema file and try it again.

Source: Java or APIs

DGL2696A   Invalid entity type value. Can only create a federated entity under the DKDatastoreFed.

Explanation: The entity type value can only be "FEDERATED" under the DKDatastoreFed.

User response: Change the entityType to "FEDERATED" and try it again.

DGL2697A   Cannot find the federated attribute *%1* **specified in the mapping.**

Explanation: The federated attribute specified in the attribute mapping cannot be found either in the schema definition, or in the system.

User response: Correct the federated attribute name, and repeat the action.

Source: Java or C++ APIs

DGL2698A   Cannot find the native attribute *%1* **specified in the mapping.**

Explanation: The native attribute specified in the attribute mapping cannot be found. The attribute might not exist in the server, or the server inventory is obsolete.

User response: Refresh the server inventory or correct the native attribute name, and repeat the action.

Source: Java or C++ APIs

DGL2699A   The federated attribute *%1* **is not compatible with the corresponding native attribute** *%2* **specified in the mapping.**

Explanation: The type of the given federated attribute is more restrictive than the type of the given native attribute.

User response: Change the type of the given federated at tribute to match the native attribute in the server, and repeat the action.

Source: Java or C++ APIs

DGL2700A   Cannot add or remove any federated attribute *%1* **to or from an existing federated entity** *%2***.**

Explanation: Cannot modify the attributes in an existing federated entity.

User response: Change the attribute definition to match the one in the server and try again.

Source: Java or C++ APIs

DGL2701A   Federated entity *%1* **does not support attribute group, only attribute.**

Explanation: Cannot modify the attributes in an existing federated entity.

User response: Change the attribute definition to match the one in the server, and repeat the action.

Source: Java or C++ APIs

API messages: DGL3601A - DGL3999A

API messages DGL3601A - DGL3999A describe problems and possible solutions for Java and C++ applications.

0000   **Error occurred while deleting a user from group.**

Explanation: An error occurred while deleting a user from a group.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3601A   **Message ID not found.**

Explanation: The system cannot generate a message because it is unable to find the message ID.

User response: See your system administrator or IBM service representative.

Source: Java or C++ APIs.

DGL3602A   **Attribute is in use.**

Explanation: You are trying to delete or update an attribute that is used by another component type.

User response: Make sure that the attribute that you want to update or delete does not belong to any component type.

Source: Java or C++ APIs

DGL3603A   **Error occurred while building a list of attribute values.**

Explanation: An error occurred while building a list of attribute values.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3604A   **Error occurred while library server compiling access control list (ACL) information on ACL update.**

Explanation: An internal error occurred while updating ACL; library server cannot compile the ACL code provided.

User response: Provide the correct ACL code.

Source: Java or C++ APIs

DGL3605A   **Internal error occurred while building datastream.**

Explanation: You encountered an error while building the item CLOB.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3606A   **Internal error occurred while parsing datastream.**

Explanation: You have encountered an error while parsing the item CLOB.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3607A   **Error occurred while loading DLL.**

Explanation: An error occurred while loading a shared library file. You might have specified the wrong path for the library file.

User response: Update the library path environment variables with the current library location.

Source: Java or C++ APIs

DGL3608A   **DLL not ready.**

Explanation: An error occurred loading a shared library.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3609A   **Unexpected error in DLL.**

Explanation: An unexpected error occurred in the DLL.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3610A   Attribute with same name already exists.

Explanation: You attempted to define an attribute, but an attribute with the same name already exists in the system.

User response: Provide a different value for the attribute name. See the error log file for existing attribute names.

Source: Java or C++ APIs

DGL3611A   Attribute with same name already exists in this national language.

Explanation: You attempted to define an attribute, but an attribute with the same name already exists in the system.

User response: Provide a different value for the attribute name. See the error log file for existing attribute names.

Source: Java or C++ APIs

DGL3612A   Error occurred while library server was trying to resolve a function's memory address of a loaded DLL.

Explanation: An internal error occurred.

User response: Record the return code from the error log file, and see your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL3613A   Recursive link detected.

Explanation: An item might be linking to itself, or the source and target of a link might be the same.

User response: An item should not be linked to itself. Do not make this particular link or change one of the items forming the link.

Source: Java or C++ APIs

DGL3614A   An unexpected error occurred while attempting to link automatically the newly created item into a folder.

Explanation: An unexpected error occurred while attempting to link automatically the newly created item into a folder.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3615A   Unexpected cache error occurred.

Explanation: An internal error occurred.

User response: Record the return code from the error log file, and see your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL3616A   An unexpected SQL error occurred.

Explanation: A SQL error occurred during a Content Manager library server operation.

User response: If this is a DB2 database error see the IBM DB2 Universal Database™: Message Reference (Volume 1) manual for information about the given error number. Also see the db2diag.log file for additional information.

If this is an Oracle® database error see the Oracle Database Error Messages manual (B14219-01) for information about the given error number.

Source: Java or C++ APIs

DGL3617A   An attribute value is required.

Explanation: You must provide an attribute value to the item type. The attribute value cannot be null.

User response: Provide a valid attribute value to the item type. See the error log file for existing attribute values.

Source: Java or C++ APIs

DGL3618A   Attribute pair was not found.

Explanation: The attribute or attribute group pairs were not found in the ICMSTATTRGROUP table.

User response: Define all necessary attributes for the attribute group.

Source: Java or C++ APIs

DGL3619A   Attribute pair count error.

Explanation: The attribute or attribute group pairs were found in ICMSTATTRGROUP table, but one or more attributes for the attribute group is missing.

User response: Define all necessary attributes for the attribute group.

Source: Java or C++ APIs

DGL3620A   ICMROOT (for Version 8, Release 1 and Version 8, Release 2) or IBMCMROOT (for Version 8, Release 3) environment variable was not found

Explanation: You must define the ICMROOT variable on the system.

User response: Define the ICMROOT variable in your system.

Source: Java or C++ APIs

DGL3621A **The library server could not access IBM Content Manager internal system control or configuration parameters.**

| **Explanation:** No further explanation can be given.

User response: Contact your IBM representatives with the above information.

Source: Java or C++ APIs

DGL3622A **Error in getting database name.**

Explanation: An error occurred while getting the database name.

User response: Call datastore.listDataSources() to find out the available datastore names.

Source: Java or C++ APIs

DGL3623A **Error in making the directory.**

Explanation: Either you do not have the privilege to create a directory, or there is not enough disk space to create a new directory.

User response: You must have the correct privilege to create the directory. In addition, confirm that there is enough disk space to create a new directory.

Source: Java or C++ APIs

DGL3624A **Item is checked out by another user.**

Explanation: The item you are trying to check out is checked out by another user.

User response: Wait until the item is checked in before proceeding.

Source: Java or C++ APIs

DGL3625A **Error occurred while deleting item.**

Explanation: An error has occurred while deleting an item.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3626A **Item ID not found.**

Explanation: This item does not exist in the ICMSTITEMSxxxxxxx table, where x represents a number such as 001001.

User response: Use an IBM Content Manager query to search for the item ID or search for the item ID in the database tables.

Source: Java or C++ APIs

DGL3627A **Error occurred while inserting item.**

Explanation: An error occurred while adding a new item.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3628A **Item has multiple parents.**

Explanation: The specified item cannot be deleted because it is linked to other items.

User response: Make sure that the specified item is not linked to other items before deleting it.

Source: Java or C++ APIs

DGL3629A **Item is not checked out.**

Explanation: You have attempted to check in an item that is not checked out.

User response: Check out the item before checking it in.

Source: Java or C++ APIs

DGL3631A **The parent item cannot be found.**

Explanation: The parent item associated with the current item could not be found.

User response: Make sure that this child item is not an orphan. A child item should have a parent item.

Source: Java or C++ APIs

DGL3632A **Error in selecting item.**

Explanation: An internal error occurred.

User response: Record the return code from the error log file, and see your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL3633A **Error in updating item.**

Explanation: An error occurred while updating an item.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3634A   Invalid access control list code.

Explanation: An item type's default ACL choice can be a value of either DKConstantICM.DK_ICM_ITEM_TYPE_ACL or DKConstantICM.DK_ICM_USER_PROFILE_ACL. In this case, an invalid default ACL choice was detected.

User response: Set the default ACL choice to either DKConstantICM.DK_ICM_ITEM_TYPE_ACL or DKConstantICM.DK_ICM_USER_PROFILE_ACL.

Source: Java or C++ APIs

DGL3635A   Invalid access module DLL name.

Explanation: An internal error occurred.

User response: Record the return code from the error log file, and see your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL3636A   Invalid command option error occurred while library server was servicing client requests.

Explanation: Command options might have been used in the wrong context (such as item type instead of component type), or an internal error occurred on the library server.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3637A   Invalid attribute type.

Explanation: An invalid attribute type was used.

User response: Define a valid attribute type.

Source: Java or C++ APIs

DGL3638A   Invalid attribute ID.

Explanation: An invalid attribute ID was used. The attribute might not exist in the database.

User response: Define a valid attribute ID.

Source: Java or C++ APIs

DGL3639A   Invalid BLOB attribute definition.

Explanation: The length of the BLOB should be in the range of 1 character to 2 147 483 647 characters. Any length that is not in this range is an invalid BLOB definition.

User response: Redefine the length of the BLOB to be within the correct range.

Source: Java or C++ APIs

DGL3640A   Invalid character attribute definition.

Explanation: The length of a character should be in the range of 1 byte to 254 bytes. Any length that is not in this range is an invalid character definition.

User response: Redefine the length of the character to be within the correct range.

Source: Java or C++ APIs

DGL3641A   Invalid CLOB attribute definition.

Explanation: The length of CLOB should be in the range of 1 character to 2 147 483 647 characters. Any length that is not in this range is an invalid CLOB definition.

User response: Redefine the length of the CLOB character to be within the correct range.

Source: Java or C++ APIs

DGL3642A   Invalid component type ID.

Explanation: Cannot find component type ID from the datastore.

User response: Create a new component type ID.

Source: Java or C++ APIs

DGL3643A   Invalid count.

Explanation: Count is out of range.

User response: Define a count within the range.

Source: Java or C++ APIs

DGL3644A   Invalid DBCLOB attribute definition.

Explanation: The length of DBCLOB should be in the range of 1 character to 1 073 741 823 characters. Any length that is not in this range is an invalid DBCLOB definition.

User response: Redefine the length of the DBCLOB character to be within the correct range.

Source: Java or C++ APIs

DGL3645A   Invalid decimal attribute definition.

Explanation: The digits of decimal number should be in the range of 1 to 31.

User response: Redefine the digits of decimal number to be within the correct range.

Source: Java or C++ APIs

DGL3646A   Default value is invalid.

Explanation: An error occurred while setting the attribute default value. The given attribute default value should match the default data type. For example, the default value for the default type DK_ATTR_TYPE_DEFAULT_STRING is empty string ("").

User response: Provide the correct format for the default value in the attribute definition.

Source: Java or C++ APIs

DGL3647A   The default access controls at the item-level granularity are invalid.

Explanation: The default access control level should not be set to the item level.

User response: Set the default access control to the correct level.

Source: Java or C++ APIs

DGL3648A   Default owner is invalid.

Explanation: Cannot find the default user name on the library server.

User response: Define a valid user as the default owner.

Source: Java or C++ APIs

DGL3649A   Invalid grant privilege set.

Explanation: Cannot find the privilege set on the library server.

User response: Define a valid privilege set.

Source: Java or C++ APIs

DGL3650A   Invalid group user ID.

Explanation: An invalid user group ID was used. The user group might not exist in the database.

User response: Define a valid user group ID.

Source: Java or C++ APIs

DGL3651A   Child must have an index to its parent.

Explanation: An internal error occurred.

User response: Record the return code from the error log file, and see your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL3652A   Invalid indicator.

Explanation: An internal error occurred.

User response: Record the return code from the error log file, and see your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL3653A   Invalid item ID.

Explanation: The system cannot find the item ID from datastore.

User response: Create a new item ID.

Source: Java or C++ APIs

DGL3654A   Invalid item type ID.

Explanation: Each item type has an associated name and ID code. In this case, an invalid ID code was detected. The ID code might:

- Not match any item type ID codes in the system
- Not be valid for the particular situation
- Be restricted
- Be unavailable to the user

User response: Use an available item type in the system.

Source: Java or C++ APIs

DGL3655A   Invalid link type code.

Explanation: Each link has a link type that describes how a source and target are related. Two items can be linked under different link types, as well. These link types have an associated name and ID code. In this case, an invalid ID code was detected. The following list describes some causes for the problem. The ID code might:

- Not match any link type ID codes in the system
- Not be valid for the particular situation
- Be restricted
- Be unavailable to the user

Also, an invalid link type name might have been used, which was converted to an ID code that is currently unavailable or not found.

User response: Create a new link type name and ID code for the desired link type if it does not exist, or choose a different link type name or code.

Source: Java or C++ APIs

DGL3656A   Invalid new user ID.

Explanation: You attempted to create a new user ID that already exists in the system.

User response: Define a different user ID.

Source: Java or C++ APIs

DGL3657A   Invalid parameter.

Explanation: Invalid data was passed as input.

User response: Provide valid data as input.

Source: Java or C++ APIs

DGL3658A   Invalid parent component type ID.

Explanation: The parent component type ID cannot be found in the system. The relationship between the parent component type and the child component type might not have been established.

User response: Use the parent component type name to find the parent entity information. Then establish the relationship between the parent component type and the child component type.

Source: Java or C++ APIs

DGL3659A   Invalid resource manager name.

Explanation: Error occurred while specifying an invalid resource manager name.

User response: Provide a valid resource manager name that is defined on the library server.

Source: Java or C++ APIs

DGL3665A   Invalid varchar attribute definition.

Explanation: You attempted to define the length of a varchar attribute to be either above 1252 or below -1. The maximum length of a varchar attribute should be between 1252 to item ID. The minimum length of a varchar attribute should be between -1 to 0.

User response: Define the minimum length of the varchar attribute between -1 and 0; define the maximum length of the varchar attribute between 1252 and the item ID number.

Source: Java or C++ APIs

DGL3666A   Invalid group name.

Explanation: Cannot find the user group name on the library server.

User response: Define a valid user group for the group name.

Source: Java or C++ APIs

DGL3667A   Invalid collection name.

Explanation: An invalid collection name was specified.

User response: Provide an existing collection name.

Source: Java or C++ APIs

DGL3668A   Invalid value assigned to attribute.

Explanation: An error occurred while trying to assign an attribute value to the attribute.

User response: Provide a valid attribute value.

Source: Java or C++ APIs

DGL3669A   Invalid access control description.

Explanation: Cannot find the access control description on the library server.

User response: Define a valid access control rule with the access control description.

Source: Java or C++ APIs

DGL3670A   Invalid access control name.

Explanation: While adding or updating an item type, an invalid ACL name was specified.

User response: Provide a valid ACL name.

Source: Java or C++ APIs

DGL3671A   Invalid language code.

Explanation: Cannot find the language code on the library server.

User response: Define a new language code to the library server.

Source: Java or C++ APIs

DGL3672A   Invalid system attribute.

Explanation: An error occurred while trying to create, update, or delete an attribute with a system-reserved name.

User response: Use a different attribute name that is not reserved for a system-defined attribute.

Source: Java or C++ APIs

DGL3673A   Insufficient privileges to set system attribute.

Explanation: You do not have sufficient privileges to set a system attribute.

User response: If you should be able to set this

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system attribute, see your system administrator to have your privileges updated.

Source: Java or C++ APIs

DGL3674A   Insufficient privileges to check out item.

Explanation: You do not have sufficient privileges to check out this item.

User response: If you should be able to access this item, see your system administrator to have your privileges updated.

Source: Java or C++ APIs

DGL3675A   Insufficient privileges to define attribute.

Explanation: You do not have sufficient privileges to define this attribute.

User response: If you should be able to define this attribute, see your system administrator to have your privileges updated.

Source: Java or C++ APIs

DGL3676A   Insufficient privileges to define user group.

Explanation: You do not have sufficient privileges to define this user group.

User response: If you should be able to define this user group, see your system administrator to have your privileges updated.

Source: Java or C++ APIs

DGL3677A   Insufficient privileges to define user.

Explanation: You do not have sufficient privileges to define this user.

User response: If you should be able to define this user, see your system administrator to have your privileges updated.

Source: Java or C++ APIs

DGL3678A   Insufficient privileges to delete item.

Explanation: You do not have sufficient privileges to delete this item.

User response: If you should be able to delete this item, see your system administrator to have your privileges updated.

Source: Java or C++ APIs

DGL3679A   Insufficient privileges to get attribute.

Explanation: You do not have sufficient privileges to get this attribute.

User response: If you should be able to get this attribute, see your system administrator to have your privileges updated.

Source: Java or C++ APIs

DGL3680A   Insufficient privileges to access item type information.

Explanation: You do not have sufficient privileges to access this item type.

User response: If you should be able to access this item type, see your system administrator to have your privileges updated.

Source: Java or C++ APIs

DGL3681A   Insufficient privileges to access item information.

Explanation: You do not have sufficient privileges to access this item.

User response: If you should be able to access this item, see your system administrator to have your privileges updated.

Source: Java or C++ APIs

DGL3682A   Insufficient privileges to link item.

Explanation: You do not have sufficient privileges to link an item that is referenced in a link to be created.

User response: If you should be able to link this item, see your system administrator to have your privileges updated.

Source: Java or C++ APIs

DGL3683A   Insufficient privileges to query group user.

Explanation: You do not have sufficient privileges to query this group user.

User response: If you should be able to query this group user, see your system administrator to have your privileges updated.

Source: Java or C++ APIs

DGL3684A   Insufficient privileges to query item.

Explanation: You do not have sufficient privileges to query this item.

User response: If you should be able to query this item, see your system administrator to have your privileges updated.

Source: Java or C++ APIs

DGL3685A   Insufficient privileges to query user group.

Explanation: You do not have sufficient privileges to query this user group.

User response: If you should be able to query this user group, see your system administrator to have your privileges updated.

Source: Java or C++ APIs

DGL3686A   Insufficient privileges to query user in a group.

Explanation: You do not have sufficient privileges to query this user in the user group.

User response: If you should be able to query this user in this group, see your system administrator to have your privileges updated.

Source: Java or C++ APIs

DGL3687A   Insufficient privileges to query user.

Explanation: You do not have sufficient privileges to query this user.

User response: If you should be able to query this user, see your system administrator to have your privileges updated.

Source: Java or C++ APIs

DGL3688A   The user does not have the general privilege needed to perform this operation. The required privilege is %1.

Explanation: You do not have sufficient privileges to perform this action.

User response: See your system administrator to have your privileges updated.

Source: Java or C++ APIs

DGL3689A   Insufficient privileges to get item.

Explanation: You do not have sufficient privileges to get this item.

User response: See your system administrator to have your privileges updated.

Source: Java or C++ APIs

DGL3690A   Insufficient privileges to query content class.

Explanation: You do not have sufficient privileges to query this content class.

User response: See your system administrator to have your privileges updated.

Source: Java or C++ APIs

DGL3691A   Insufficient privileges to set access controls.

Explanation: You do not have sufficient privileges to set access controls.

User response: See your system administrator to have your privileges updated.

Source: Java or C++ APIs

DGL3692A   Insufficient privileges to query access controls.

Explanation: You do not have sufficient privileges to query access controls.

User response: If you should be able to query access controls, see your system administrator to have your privileges updated.

Source: Java or C++ APIs

DGL3693A   Insufficient privileges to update item.

Explanation: You do not have sufficient privileges to update this item.

User response: See your system administrator to have your privileges updated.

Source: Java or C++ APIs

DGL3695A   Insufficient privileges to overwrite an item that has been checked into library server.

Explanation: You do not have sufficient privileges to overwrite the checking in of an item to the library server.

User response: If you should be able to check in this item, see your system administrator to have your privileges updated.

Source: Java or C++ APIs

DGL3696A   Component cardinality error.

Explanation: An internal error occurred.

User response: Record the return code from the error log file, and see your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL3697A   Component attributes not found.

Explanation: An internal error occurred.

User response: Record the return code from the error log file, and see your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL3698A   Error inserting component.

Explanation: An error has occurred while adding a new component.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3699A   Component data out of sequence error occurred while library server was processing internal information.

Explanation: An error occurred while the library server was processing a sequence of component data.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3700A   Component view name [*nnn*] not found.

Explanation: The component view name is not found in the library server.

User response: Make sure that the component view is defined in the library server.

Source: Java or C++ APIs

DGL3701A   A record-already-exist error occurred while library server was processing internal information in component table.

Explanation: The component view name is not found in the library server.

User response: Make sure that the component view is defined in the library server.

Source: Java or C++ APIs

DGL3702A   Error occurred while updating component.

Explanation: An error occurred while trying to update a component type.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3703A   A data hierarchy error occurred while library server was processing internal information of component.

Explanation: An error occurred while the library server was processing component table internal information.

User response: Use additional error information returned, such as an error message, error state, and error code, in conjunction with the library server log, to help determine the source of the problem.

Source: Java or C++ APIs

DGL3704A   Error found in component type attribute.

Explanation: The number of attributes of the given component type ID exceeded the limit of 80.

For example, this message might be displayed together with ICM7015.

If your database is DB2:

```
DGL3704A: Error found in component type
attribute;  ICM7015: During an SQL
operation in the library server,
an unexpected error occurred. For details
on the error, refer to the database
document. (STATE) : [LS RC = 7015, SQL
RC = -601 ]
```

A possible cause is that while adding a new foreign key or editing an existing foreign key, the specified constraint name has been used before, and the unique constraint name generated from the foreign key name still exists.

User response: Define fewer than 80 attributes for this component type.

If this message is displayed together with ICM7015, when you add a new foreign key from the system administration client, by clicking **Add** on the Foreign Key page of the Item Type Properties window, ensure that the foreign key constraint name is unique. If you need to modify an existing foreign key, instead of clicking **Edit**, click **Delete**, and then **Add** to add back the foreign key.

DB2 message:

```
SQLCode -601
SQL0601N The name of the object to be created is
identical to the existing name name
of type type.
```

Explanation: The CREATE or ALTER statement tried to create or add an object name when an object of type *type* already exists with that name on the application server or in the same statement.

If *type* is FOREIGN KEY, PRIMARY KEY, UNIQUE, or CHECK CONSTRAINT, the *name* is the constraint name specified in the ALTER NICKNAME, ALTER TABLE, CREATE NICKNAME or CREATE TABLE statement or generated by the system.

User Response: Either drop the existing object or choose another name for the new object.

Source: Java or C++ APIs

DGL3705A   Error occurred while building component type.

Explanation: An error occurred while building a component type.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3706A   Error occurred while creating index for the component type.

Explanation: An error occurred while creating the index of the component type.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3707A   Error occurred while creating table for the component type.

Explanation: An error occurred while creating the table of the component type.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3708A   Error occurred while creating view for the component type.

Explanation: An error occurred while creating a view of the component type.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3709A   Error occurred while preparing the component type.

Explanation: An error occurred while preparing a component type.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3710A   Error occurred while binding the component type.

Explanation: An error occurred while binding a component type.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3711A   Error occurred while compiling the component type.

Explanation: An error occurred while compiling a component type.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3712A   Error occurred while linking the component type.

Explanation: An error occurred while linking a component type.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3713A   Error occurred while deleting item type.

Explanation: An error occurred while deleting an item type.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3714A   Item type already exists.

Explanation: You attempted to add an item type, but this item type already exists in the system.

User response: Use a different item type name.

Source: Java or C++ APIs

DGL3715A   **Error occurred while inserting item type.**

Explanation: An error occurred while adding a new item type.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3716A   **Error occurred while deleting item type keyword.**

Explanation: An error occurred while deleting an item type name.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3717A   **Error occurred while inserting item type keyword.**

Explanation: An error occurred while inserting the item type keyword.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3718A   **Error occurred while naming item type keyword.**

Explanation: An error occurred while naming the item type keyword.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3719A   **Error occurred while updating item type keyword.**

Explanation: An error occurred while updating the item type keyword.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3720A   **Item type is not empty.**

Explanation: An error occurred while trying to delete an item type. The item type still contains items.

User response: Delete all the contained items before deleting this item type.

Source:

DGL3721A   **Item type [*nnn*] not found.**

Explanation: The item type definition was not found on the library server.

User response: Make sure that the item type definition exists in the library server.

Source: Java or C++ APIs

DGL3722A   **Error occurred while updating item type.**

Explanation: An error has occurred while updating an item type.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3723A   **User does not exist in the system.**

Explanation: This user cannot be found in the database.

User response: Add this user to the database.

Source: Java or C++ APIs

DGL3724A   **User ID already exists in the system.**

Explanation: This user ID already exists in the database.

User response: Check the spelling and capitalization of the user ID. Choose a different user ID.

Source: Java or C++ APIs

DGL3725A   **User group ID already exists in the system.**

Explanation: This user group ID already exists in the database.

User response: Check the spelling and capitalization of the user group ID. Choose a different user group.

Source: Java or C++ APIs

DGL3726A   **User group ID does not exist in the system.**

Explanation: This user group ID cannot be found in the database.

User response: Check the spelling and capitalization of the user group ID. Add the user group ID to the database.

Source: Java or C++ APIs

DGL3727A   User cannot delete itself.

Explanation: The system does not allow you to delete the user ID you are currently using.

User response: Log on as a different user. You can delete the user ID if you have the privilege and are not logged onto the user ID that you want to delete.

Source: Java or C++ APIs

DGL3728A   Invalid component ID.

Explanation: Cannot find the component ID from the datastore.

User response: Create a new component ID or search for an existing one.

Source: Java or C++ APIs

DGL3729A   Attribute [*nnn*] does not exist in the system.

Explanation: The attribute definition was not found on the library server.

User response: Make sure that the attribute definition exists on the library server.

Source: Java or C++ APIs

DGL3730A   Error occurred while creating an attribute.

Explanation: An error occurred while creating an attribute.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error stat e, and error code.

Source: Java or C++ APIs

DGL3731A   Error occurred while creating an item type.

Explanation: An error occurred while creating an item type.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3732A   Error occurred while creating an item.

Explanation: An error occurred while creating an item.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3733A   Error occurred while deleting an object.

Explanation: An error occurred while deleting an object.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3734A   Error occurred while adding the user.

Explanation: An error occurred while adding a user to the system.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3735A   Error occurred while updating the user.

Explanation: An error occurred while updating a user in the system.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3736A   Error occurred while deleting the user.

Explanation: An error occurred while deleting a user from the system.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3737A   Error occurred while adding the user group.

Explanation: An error occurred while adding a user group to the system.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3738A   Error occurred while updating the user group.

Explanation: An error occurred while updating the user group.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3739A Error occurred while deleting the user group.

Explanation: An error occurred while deleting a user group from the system.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3740A Error occurred while adding user to group.

Explanation: An error occurred while adding a user to a group.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3741A Error occurred while deleting a user from group.

Explanation: An error occurred while deleting a user from a group.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3742A Error occurred while retrieving an entity.

Explanation: An error occurred while retrieving an entity.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3743A Error occurred while library server was trying to allocate memory to service client requests.

Explanation: A memory allocation error occurred. The system might have run out of memory.

User response: Delete unwanted files to free memory.

Source: Java or C++ APIs

DGL3744A Error occurred while adding privileges.

Explanation: An error occurred while adding or creating privileges.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3745A Error occurred while deleting privileges.

Explanation: An error occurred while deleting a privilege.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3746A Error occurred while updating privileges.

Explanation: An error occurred while updating a privilege.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3747A Error occurred while retrieving privileges.

Explanation: An error occurred while retrieving a privilege.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3748A Error occurred while adding privilege set.

Explanation: An error occurred while adding or creating a privilege set.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3749A Error occurred while deleting privilege set.

Explanation: An error occurred while deleting a privilege set.

User response: Determine the source of the problem by noting the additional error information returned,

such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3750A   Error occurred while updating privilege set.

Explanation: An error occurred while updating a privilege set.

User response: Determine the source of the problem by noting the error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3751A   Error occurred while retrieving privilege set.

Explanation: An error occurred while retrieving a privilege set.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3752A   Error occurred while adding privilege group.

Explanation: An error occurred while creating a privilege group.

User response: Determine the source of the problem by noting the error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3753A   Error occurred while deleting privilege group.

Explanation: An error occurred while deleting a privilege group.

User response: Determine the source of the problem by noting the error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3754A   Error occurred while updating privilege group.

Explanation: An error occurred while updating a privilege group.

User response: Determine the source of the problem by noting the error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3755A   Error occurred while retrieving privilege group.

Explanation: An error occurred while retrieving a privilege group.

User response: Determine the source of the problem by noting the error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3756A   Error occurred while adding access control list.

Explanation: An error occurred while adding an access control list.

User response: Determine the source of the problem by noting the error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3757A   Error occurred while deleting access control list.

Explanation: An error occurred while deleting an access control list.

User response: Determine the source of the problem by noting the error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3758A   Error occurred while updating access control list.

Explanation: An error occurred while updating an access control list.

User response: Determine the source of the problem by noting the error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3759A   Error occurred while retrieving access control list.

Explanation: An error occurred while retrieving an access control list.

User response: Determine the source of the problem by noting the error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3760A   Error occurred while adding access control list rule.

Explanation: An error occurred while creating a rule in an access control list.

User response: Determine the source of the problem by noting the error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3761A   Error occurred while deleting access control list rule.

Explanation: An error occurred while deleting a rule in an access control list.

User response: Determine the source of the problem by noting the error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3762A   Error occurred while updating access control list rule.

Explanation: An error occurred while updating a rule in an access control list.

User response: Determine the source of the problem by noting the error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3763A   Error occurred while retrieving access control list rule.

Explanation: An error occurred while retrieving a rule in an access control list.

User response: Determine the source of the problem by noting the error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3764A   Privilege already exists in privilege set.

Explanation: This privilege already exists in a privilege set in the database.

User response: Do not add this privilege to the database.

Source: Java or C++ APIs

DGL3765A   Privilege does not exist in privilege set.

Explanation: This privilege does not exist in a privilege set.

User response: Add the privilege to the privilege set.

Source: Java or C++ APIs

DGL3766A   Privilege already exists in privilege group.

Explanation: This privilege already exists in a privilege group in the database.

User response: Do not add this privilege to the database.

Source: Java or C++ APIs

DGL3767A   Privilege does not exist in privilege group.

Explanation: This privilege does not exist in a privilege group.

User response: Add this privilege to the privilege group.

Source: Java or C++ APIs

DGL3768A   Error occurred while listing privileges.

Explanation: An error occurred while listing privileges.

User response: Determine the source of the problem by noting the error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3769A   Error occurred while listing privilege sets.

Explanation: An error occurred while listing privilege sets.

User response: Determine the source of the problem by noting the error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3770A   Error occurred while listing privilege groups.

Explanation: An error occurred while listing privilege groups.

User response: Determine the source of the problem by noting the error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3771A   Error occurred while listing access control lists.

Explanation: An error occurred while listing access control lists.

User response: Determine the source of the problem by noting the error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3772A   Error occurred while listing NLS keywords.

Explanation: An error occurred while listing NLS key words.

User response: Determine the source of the problem by noting the error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3773A   The user group name of the access control list is null.

Explanation: You cannot have a null value for a user or group name in the access control list.

User response: Define a user or group name in the access control list.

Source: Java or C++ APIs

DGL3774A   Cannot delete system-defined access control list.

Explanation: A system-defined access control list cannot be deleted.

User response: Do not try to delete this access control list.

Source: Java or C++ APIs

DGL3775A   Cannot update system-defined access control list.

Explanation: A system-defined access control list cannot be updated.

User response: Do not try to update this access control list.

Source: Java or C++ APIs

DGL3776A   Cannot delete system-defined privilege.

Explanation: A system-defined privilege cannot be deleted.

User response: Do not try to delete this privilege.

Source: Java or C++ APIs

DGL3777A   Cannot update system-defined privilege.

Explanation: A system-defined privilege cannot be updated.

User response: Do not try to update this privilege.

Source: Java or C++ APIs

DGL3778A   Cannot delete system-defined privilege set.

Explanation: A system-defined privilege set cannot be deleted.

User response: Do not try to delete this privilege set.

Source: Java or C++ APIs

DGL3779A   Cannot update system-defined privilege set.

Explanation: A system-defined privilege set cannot be updated.

User response: Do not try to update this privilege set.

Source: Java or C++ APIs

DGL3780A   Cannot delete system-defined privilege group.

Explanation: A system-defined privilege group cannot be deleted.

User response: Do not try to delete this privilege group.

Source: Java or C++ APIs

DGL3781A   Cannot update system-defined privilege group.

Explanation: A system-defined privilege group cannot be updated.

User response: Do not try to update this privilege group.

Source: Java or C++ APIs

DGL3782A   Privilege ID does not exist.

Explanation: This privilege might not be in the database.

User response: Add this privilege to the database.

Source: Java or C++ APIs

DGL3783A   Privilege set ID does not exist.

Explanation: This privilege set might not be in the database.

User response: Add this privilege set to the database.

Source: Java or C++ APIs

DGL3784A   Privilege group ID does not exist.

Explanation: This privilege group might not be in the database.

User response: Add this privilege group to the database.

Source: Java or C++ APIs

DGL3785A   Access control list ID does not exist.

Explanation: This access control list might not be in the database.

User response: Add this access control list to the database.

Source: Java or C++ APIs

DGL3786A   Privilege does not exist.

Explanation: This privilege is not in the database.

User response: Add this privilege to the database.

Source: Java or C++ APIs

DGL3787A   Privilege set does not exist.

Explanation: This privilege set is not in the database.

User response: Add this privilege set to the database.

Source: Java or C++ APIs

DGL3788A   Privilege group does not exist.

Explanation: This privilege group is not in the database.

User response: Add this privilege group to the database.

Source: Java or C++ APIs

DGL3789A   Access control list does not exist.

Explanation: This access control list is not in the database.

User response: Add this access control list to the database.

Source: Java or C++ APIs

DGL3790A   Privilege already exists.

Explanation: This privilege is already in the database.

User response: Do not add this privilege to the database.

Source: Java or C++ APIs

DGL3791A   Privilege set already exists.

Explanation: This privilege set is already in the database.

User response: Do not add this privilege set to the database.

Source: Java or C++ APIs

DGL3792A   Privilege group already exists.

Explanation: This privilege group is already in the database.

User response: Do not add this privilege group to the database.

Source: Java or C++ APIs

DGL3793A   Access control list already exists.

Explanation: This access control list is already in the database.

User response: Do not add this access control list to the database.

Source: Java or C++ APIs

DGL3794A   Access control list rule already exists.

Explanation: This rule in the access control list is already in the database.

User response: Do not add this rule to the access control list in the database.

Source: Java or C++ APIs

DGL3795A   Privilege is in use.

Explanation: This privilege is already in a certain privilege set.

User response: Do not delete this privilege from the database.

Source: Java or C++ APIs

DGL3796A   Attribute already exists in attribute group.

Explanation: You attempted to add an attribute to an attribute group, however this attribute already exists in this attribute group.

User response: Use a different attribute name.

Source: Java or C++ APIs

DGL3797A   No attribute defined in this attribute group.

Explanation: You attempted to create an attribute group, however no attribute exists in that group. An attribute group should contain at least one attribute.

User response: Define an attribute group that contains at least one attribute.

Source: Java or C++ APIs

DGL3798A   Attribute group does not exist.

Explanation: You attempted to update or delete an attribute group, however this attribute group does not exist in the system.

User response: Verify the available attribute groups from the system.

Source: Java or C++ APIs

DGL3799A   Attribute group already exists.

Explanation: You attempted to add an attribute group; however, this attribute group already exists in the system.

User response: Use a different name for this attribute group.

Source: Java or C++ APIs

DGL3800A   Cannot delete system-defined attribute group.

Explanation: You attempted to delete a system-defined attribute group that is not allowed by the library server.

User response: Do not try to change system-defined attribute groups. To determine if an attribute group is a system-defined group, check its ID. System-defined attribute group IDs are less than 1000.

Source: Java or C++ APIs

DGL3801A   Error occurred while listing attribute groups.

Explanation: An error occurred when you attempted to list attribute groups.

User response: Determine the source of the problem by noting the error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3802A   Error occurred while adding a user group to the access control list (ACL); error occurred because the user group is already in the ACL.

Explanation: This user or group is already in the access control list.

User response: Do not add this user or group to the access control list.

Source: Java or C++ APIs

DGL3803A   Error occurred while removing a user group from the access control list (ACL); error occurred because the user group is not found in the ACL.

Explanation: This user or group is not i n the access control list.

User response: Add this user or group to the access control list.

Source: Java or C++ APIs

DGL3804A   Error occurred while updating user.

Explanation: An error occurred while updating the user.

User response: Record the return code from the error log file, and see your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL3805A   Error occurred while adding user group.

Explanation: An error occurred while adding a user group.

User response: Record the return code from the error log file, and see your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL3806A   Error occurred while deleting user group.

Explanation: An error occurred while deleting a user group.

User response: Record the return code from the error log file, and see your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL3807A   Error occurred while updating user group.

Explanation: An error occurred while updating a user group.

User response: Record the return code from the error log file, and see your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL3808A   Error occurred while retrieving user group.

Explanation: An error occurred while retrieving a user group.

User response: Record the return code from the error

log file, and see your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL3809A   User already exists in group.

Explanation: You attempted to add a user to a group, however this user already exists in the group.

User response: Record the return code from the error log file, and see your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL3810A   User does not exist in group.

Explanation: You attempted to update or delete a user from a group, however this user does not exist in that group.

User response: Record the return code from the error log file, and see your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL3811A   Error occurred while listing users.

Explanation: An error occurred while trying to list users.

User response: Record the return code from the error log file, and see your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL3812A   Error occurred while listing user groups.

Explanation: An error occurred while trying to list user groups.

User response: Record the return code from the error log file, and see your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL3813A   Cannot delete system-defined user.

Explanation: You attempted to delete a system-defined user. Some users (for example, ICM admin) are defined by the system. You cannot delete a system-defined user.

User response: Do not try to delete system-defined users.

Source: Java or C++ APIs

DGL3814A   Cannot update system-defined user.

Explanation: You attempted to update a system-defined user. Some users (for example, ICM admin) are defined by the system. You cannot delete a system-defined user.

User response: Do not try to update system-defined user groups.

Source: Java or C++ APIs

DGL3815A   Cannot delete system-defined user group.

Explanation: You attempted to delete a system-defined user group. Some user groups are defined by the system. You cannot delete a system-defined user group.

User response: Do not try to delete system-defined user groups.

Source: Java or C++ APIs

DGL3816A   Cannot update system-defined user group.

Explanation: You attempted to update a system-defined user group. Some user groups are defined by the system. You cannot update a system-defined user group.

User response: Do not attempt to change system-defined user groups.

Source: Java or C++ APIs

DGL3817A   User ID does not exist.

Explanation: You attempted to delete or update a user, however the user does not exist in the system.

User response: None. You can only delete or update a user that exists in the system.

Source: Java or C++ APIs

DGL3818A   User group ID does not exist.

Explanation: You attempted to delete or update a user group, however the user group does not exist in the system.

User response: None. You can only delete or update a user group that exists in the system.

Source: Java or C++ APIs

DGL3819A   User does not exist.

Explanation: You attempted to delete or update a user, however the user does not exist in the system.

User response: None. You can only delete or update a user that exists in the system.

Source: Java or C++ APIs

DGL3820A   User group does not exist.

Explanation: You attempted to delete or update a user group, however the user group does not exist in the system.

User response: None. You can only delete or update a user group that exists in the system.

Source: Java or C++ APIs

DGL3821A   User already exists.

Explanation: You attempted to add a new user, however this user already exists in the system.

User response: Change the name for the new user you attempted to add.

Source: Java or C++ APIs

DGL3822A   User group already exists.

Explanation: You attempted to add a new user group, however this user group already exists in the system.

User response: Change the name for the user group you attempted to add.

Source: Java or C++ APIs

DGL3823A   User is in use.

Explanation: You requested a user that is already being used in another group or by another object.

User response: Make sure that the user you requested is not being used in another group or by another object.

Source: Java or C++ APIs

DGL3824A   Error occurred while adding user.

Explanation: An error occurred while adding a new user.

User response: Determine the source of the problem by noting the error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3825A   Error occurred while deleting user.

Explanation: An error occurred while deleting a user.

User response: Determine the source of the problem by noting the error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3826A   Error occurred while retrieving user.

Explanation: An error occurred while retrieving a user.

User response: Determine the source of the problem by noting the error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3827A   Error occurred while listing attributes.

Explanation: An error occurred when you attempted to list attributes.

User response: Determine the source of the problem by noting the error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3828A   Error occurred while adding NLS language.

Explanation: An error occurred while adding an NLS language.

User response: Determine the source of the problem by noting the error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3829A   Error occurred while updating NLS language.

Explanation: An error occurred while updating an NLS language.

User response: Determine the source of the problem by noting the error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3830A   Error occurred while deleting NLS language.

Explanation: An error occurred while deleting an NLS language.

User response: Determine the source of the problem by noting the error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3831A   Error occurred while listing NLS language.

Explanation: An error occurred while listing NLS languages.

User response: Determine the source of the problem by noting the error information returned, such as the

error message, error state, and error code.

Source: Java or C++ APIs

DGL3832A   Error occurred while retrieving NLS language.

Explanation: An error occurred while retrieving an NLS language.

User response: Determine the source of the problem by noting the error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3833A   Not a supported NLS language.

Explanation: This is not a supported language.

User response: Determine the source of the problem by noting the error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3834A   Error occurred while adding NLS keyword.

Explanation: An error occurred when you attempted to add an NLS keyword.

User response: Determine the source of the problem by noting the error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3835A   Error occurred while updating NLS keyword.

Explanation: An error occurred when you attempted to update an NLS keyword.

User response: Determine the source of the problem by noting the error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3836A   Error occurred while deleting NLS keyword.

Explanation: An error occurred when you attempted to delete an NLS keyword.

User response: Determine the source of the problem by noting the error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3837A   Error occurred while listing NLS keywords.

Explanation: An error occurred when you attempted to list NLS keywords.

User response: Determine the source of the problem by noting the error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3838A   Error occurred while listing default language.

Explanation: An error occurred when you attempted to list the default NLS language.

User response: Determine the source of the problem by noting the error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3839A   Attribute already exists in entity. The entity can be either item type or component type.

Explanation: You attempted to add a new attribute to the entity, however this attribute already exists in the entity.

User response: Change the name for the attribute you want to add.

Source: Java or C++ APIs

DGL3840A   Attribute group already exists in entity.

Explanation: You attempted to add a new attribute group, however this attribute group already exists in the system.

User response: Change the name for the attribute group you want to add.

Source: Java or C++ APIs

DGL3841A   Attribute does not exist in entity.

Explanation: You attempted to delete or update an attribute; however, the attribute does not exist in the system.

User response: Avoid deleting or updating an attribute that does not exist in the system.

Source: Java or C++ APIs

DGL3842A   Attribute group does not exist in entity.

Explanation: You attempted to delete or update an attribute group; however, the attribute group does not exist in the system.

User response: Avoid deleting or updating an

attribute group that does not exist in the system.

Source: Java or C++ APIs

DGL3843A   Subentity (child component type) already exists in this item type.

Explanation: You attempted to add a new child component type, however this component type already exists in the system.

User response: Change the name for this child component type you want to add.

Source: Java or C++ APIs

DGL3844A   Subentity does not exist in this entity.

Explanation: You attempted to delete or update a child component type, but the component type does not exist in the system.

User response: Avoid deleting or updating a child component type that does not exist in the system.

Source: Java or C++ APIs

DGL3845A   The parent component name [*nnn*] specified in the projection list does not match the corresponding parent component name [*nnn*] listed in the partially qualified name.

Explanation: The parent component name specified in the projection list does not match the parent component name listed in the partially qualified name.

User response: You have specified a parent component that does not match with the parent component in the library server. Make sure that you are using the correct child component.

Source: Java or C++ APIs

DGL3846A   A valid link type name was not found.

Explanation: Each link has a link type that describes how a source and target are related. Two items can be linked under different link types as well. These link types have an associated name and ID code. In this case, an invalid ID code was detected. The ID code might

• Not match any link type ID codes in the system

• Not be valid for the particular situation

• Be restricted

• Be unavailable to the user

Also, an invalid link type name might have been used, which was converted to an ID code that is currently unavailable or not found.

User response: Create a new link type name and ID code for the desired link type if it does not exist, or

choose a different link type name or code.

Source: Java or C++ APIs

DGL3847A   Collection had no valid elements.

Explanation: An error occurred. The collection does not contain any valid elements. It is either null or an empty collection.

User response: Provide valid elements to the collection.

Source: Java or C++ APIs

DGL3848A   DDO is not of type resource.

Explanation: The item type that contains this DDO is not a resource class.

User response: Set the item type's classification to: DKConstantICM.DK_ICM_ITEMTYPE_CLASS_RESOURCE_ITEM

.

Source: Java or C++ APIs

DGL3849A   Link type specified is not valid with DDO semantic type.

Explanation: Each link has a link type that describes how a source and target are related. The particular link type used is not valid or is not allowed to be used with items of one of the semantic types of an item referenced in the link.

User response: Use a different link type that is valid given the semantic types of the items referenced in the link. Or you can replace or change the item with the conflicting semantic type with another semantic type.

Source: Java or C++ APIs

DGL3851A   Invalid link direction.

Explanation: Links can be considered as inbound or outbound in reference to a particular item. If source A links to target B, A considers the A - > B link to be outbound, while B considers the same link to be inbound. In this case, an invalid or currently nonexistent link direction was referenced or used that is not allowed for the particular instance of a link, collection, or given current privileges.

User response: Try using the other direction if possible or a different means of accessing this link direction.

Source: Java or C++ APIs

DGL3852A   No link collection present in the DDO.

Explanation: The DDO does not contain the requested link collection. The DDO either does not have the link collection, or the DDO was retrieved from the persistent datastore without specifying the retrieve links option. Link collections cannot remain persistent if they are empty. If an empty link collection is added to an item, it cannot be store persistently if no links are added and the DDO is added or updated.

User response: If the DDO has non-empty link collections, retrieve the DDO by specifying the link retrieval options. If the link collection is empty, it must be added again.

Source: Java or C++ APIs

DGL3853A   Link retrieve failed.

Explanation: Retrieving the links for a particular item failed.

User response: Determine the source of the problem by noting the error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3854A   Internal error occurred.

Explanation: An internal error occurred.

User response: See your IBM service representative.

Source: Java or C++ APIs

DGL3855A   Deleting or adding links failed.

Explanation: Adding or removing the links for a particular item failed.

User response: Determine the source of the problem by noting the error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3856A   PID is not set in the DDO.

Explanation: The Persistent ID (PID) is not set in a DDO. This error has occurred because an operation was processed that requires the use of the PID information.

User response: Set the PID information before using this operation.

Source: Java or C++ APIs

DGL3857A   Cannot delete system-defined keyword.

Explanation: You attempted to delete a system-defined keyword. Some keywords are defined by the system (system-defined keyword code is less than 1000). You cannot delete a system-defined keyword.

User response: Do not try to delete a system-defined keyword.

Source: Java or C++ APIs

DGL3858A   Cannot update system-defined keyword.

Explanation: You attempted to update a system-defined keyword. Some keywords are defined by the system (system-defined keyword code is less than 1000). You cannot update a system-defined keyword.

User response: Do not try to delete system-defined keywords.

Source: Java or C++ APIs

DGL3859A   Keyword does not exist in the system.

Explanation: You attempted to delete or update a keyword, however this keyword does not exist in the system.

User response: Do not try to delete or update a keyword that does not exist in the system.

Source: Java or C++ APIs

DGL3860A   Keyword already exists in the system.

Explanation: You attempted to add a new keyword, however this keyword already exists in the system.

User response: Change the name for the keyword you want to add.

Source: Java or C++ APIs

DGL3861A   Keyword is in use.

Explanation: You attempted to update or delete a keyword that is being used by another component.

User response: Avoid changing any information for this keyword, which is being used by another component.

Source: Java or C++ APIs

DGL3862A   Error occurred while adding link type.

Explanation: An error occurred while adding a link type.

User response: Determine the source of the problem by noting the error information returned, such as the error message, error state, and error code.

DGL3863A • DGL3872A

Source: Java or C++ APIs

DGL3863A   Error occurred while deleting link type.

Explanation: An error occurred while deleting a link type.

User response: Determine the source of the problem by noting the error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3864A   Error occurred while updating link type.

Explanation: An error occurred while updating a link type.

User response: Determine the source of the problem by noting the error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3865A   Error occurred while adding a property (semantic type) to DDO.

Explanation: An error occurred while adding a property (semantic type) to DDO.

User response: Determine the source of the problem by noting the error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3866A   Error occurred while deleting semantic type.

Explanation: An error occurred while deleting a semantic type.

User response: Determine the source of the problem by noting the error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3867A   Error occurred while updating semantic type.

Explanation: An error occurred while updating a semantic type.

User response: Determine the source of the problem by noting the error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3868A   Cannot delete system-defined link type.

Explanation: You cannot delete a system-defined link type.

User response: Do not try deleting system-defined link types.

Source: Java or C++ APIs

DGL3869A   Cannot update system-defined link type.

Explanation: You cannot update a system-defined link type.

User response: Do not try to update system-defined link types.

Source: Java or C++ APIs

DGL3870A   Cannot delete system-defined semantic type.

Explanation: You cannot delete a system-defined semantic type.

User response: Do not try to delete system-defined semantic types.

Source: Java or C++ APIs

DGL3871A   Cannot update system-defined semantic type.

Explanation: You cannot update a system-defined semantic type.

User response: Do not try to update system-defined semantic types.

Source: Java or C++ APIs

DGL3872A   Link ID does not exist.

Explanation: Each link has a link type that describes how a source and target are related. Two items can be linked under different link types as well. These link types have an associated name and ID code. In this case, an invalid ID code was detected. The ID code might

• Not match any link type ID codes in the system
• Not be valid for the particular situation
• Be restricted
• Be unavailable to the user

Also, an invalid link type name might have been used, which was converted to an ID code that is currently unavailable or not found.

User response: Create a new link type name and ID code for the desired link type if it does not exist, or choose a different link type name or code.

Source: Java or C++ APIs

DGL3873A   Semantic ID does not exist.

Explanation: Each semantic has a semantic type that describes the item type's basic classification. These semantic types have an associated name and ID code. In this case, an invalid semantic type ID code was detected.

User response: Use the existing semantic type ID code.

Source: Java or C++ APIs

DGL3874A   Error occurred while adding attribute.

Explanation: An error occurred while adding an attribute.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3875A   Error occurred while deleting attribute.

Explanation: An error occurred while deleting an attribute.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3876A   Error occurred while updating attribute.

Explanation: An error occurred while updating an attribute.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3877A   Error occurred while adding attribute group.

Explanation: An error occurred while adding an attribute group.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3878A   Error occurred while deleting attribute group.

Explanation: An error occurred while deleting an attribute group.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3879A   Error occurred while updating attribute group.

Explanation: An error occurred while updating an attribute group.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3880A   Cannot delete system-defined attribute.

Explanation: You attempted to delete a system-defined attribute. Some attributes are defined by the system and you cannot delete a system-defined attribute.

User response: Do not try to delete a system-defined attribute.

Source: Java or C++ APIs

DGL3881A   Cannot update system-defined attribute.

Explanation: You attempted to update a system-defined attribute. Some attributes are defined by the system. You cannot update a system-defined attribute.

User response: Do not try to update a system-defined attribute.

Source: Java or C++ APIs

DGL3882A   Cannot delete system-defined attribute group.

Explanation: You attempted to delete a system-defined attribute group. Some attribute groups are defined by the system. You cannot delete a system-defined attribute group.

User response: Do not try to update a system-defined attribute group.

Source: Java or C++ APIs

DGL3883A   Cannot update system-defined attribute group.

Explanation: You cannot update the attribute group because it is defined by the system. If an attribute group is defined by the system, its attribute group ID is less than or equal to 1000. If an attribute group is defined by the user, its attribute group ID is greater than 1000.

User response: Do not try to update a system-defined attribute group.

Source: Java or C++ APIs

DGL3884A   Attribute ID does not exist.

Explanation: You are searching for an attribute ID that does not exist in the system.

User response: Make sure you are searching for an existing attribute ID. Use the attribute name and class to retrieve the attribute number. If the attribute number equals -1, then the attribute ID does not exist in the system.

Source: Java or C++ APIs

DGL3885A   Attribute group ID does not exist.

Explanation: You are searching for an attribute group ID that does not exist in the system.

User response: Make sure you are searching for an existing attribute group ID. Use the attribute group name and class to retrieve the attribute group number. If the attribute group number equals -1, then the attribute group ID does not exist in the system.

Source: Java or C++ APIs

DGL3886A   Item type does not exist.

Explanation: The item type ID does not exist in the keyword table.

User response: Make sure the item type ID exists in the keyword table.

Source: Java or C++ APIs

DGL3887A   Error occurred while adding item type.

Explanation: An error occurred while trying to add an item type to the library server. In this case, the system returns a positive return code to the error log file.

User response: Record the return code from the error log file. See your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL3888A   Error occurred while deleting item type.

Explanation: An error occurred while trying to delete an item type from the library server. In this case, the system returns a positive return code to the error log file.

User response: Record the return code from the error log file. See your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL3889A   Error occurred while updating item type.

Explanation: An error occurred while attempting to update an item type in the library server. In this case, the system returns a positive return code to the error log file.

User response: Record the return code from the error log file. See your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL3890A   Cannot delete system-defined item type.

Explanation: You cannot delete the item type because it is defined by the system. If an item type is defined by the system, its item type ID is less than or equal to 1000. If an item type is defined by the user, its attribute group ID is greater than 1000.

User response: Do not try to delete a system-defined item type.

Source: Java or C++ APIs

DGL3891A   Cannot update system-defined item type.

Explanation: You cannot update the item type because it is defined by the system. If an item type is defined by the system, its item type ID is smaller than or equal to 1000. If an item type is defined by the user, its attribute group ID is larger than 1000.

User response: Do not try to update a system-defined item type.

Source: Java or C++ APIs

DGL3892A   Error occurred while adding component type.

Explanation: An error occurred while trying to add a component type to the library server. In this case, the sys tem returns a positive return code to the error log file.

User response: Record the return code from the error log file. See your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL3893A   Error occurred while deleting component type.

Explanation: An error occurred while trying to delete a component type from the library server. In this case, the system returns a positive return code to the error log file.

User response: Record the return code from the error log file. See your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL3894A   Error occurred while updating component type.

Explanation: An error occurred while trying to update a component type from the library server. In this case, the system returns a positive return code to the error log file.

User response: Record the return code from the error log file. See your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL3895A   Cannot delete system-defined component type.

Explanation: You cannot delete the component type because it is defined by the system. If a component type is defined by the system, its component type ID is less than or equal to 1000. If a component type is defined by the user, its component type ID is greater than 1000.

User response: Do not try to delete a system-defined component type.

Source: Java or C++ APIs

DGL3896A   Cannot update system-defined component type.

Explanation: You cannot update the component type because it is defined by the system. If a component type is defined by the system, its component type ID is less than or equal to 1000. If a component type is defined by the user, its component type ID is greater than 1000.

User response: Do not try to update a system-defined component type.

Source: Java or C++ APIs

DGL3897A   Item type ID does not exist.

Explanation: The item type ID does not exist in the library server.

User response: Make sure the item type ID exists in the library server.

Source: Java or C++ APIs

DGL3898A   Component type ID does not exist.

Explanation: The component type ID does not exist in the library server.

User response: Make sure the component type ID exists in the library server.

Source: Java or C++ APIs

DGL3900A   Resource manager already exists.

Explanation: You attempted to define a resource manager, however a resource manager with this name already exists in the database.

User response: Provide a different name to the new resource manager.

Source: Java or C++ APIs

DGL3901A   Resource manager does not exist.

Explanation: You attempted to update a resource manager, however it does not exist in the database.

User response: None. You can only update a resource manager that exists in the database.

Source: Java or C++ APIs

DGL3902A   The requested resource manager is currently in use.

Explanation: You attempted to update or delete a resource manager, but it is being used by another object.

User response: None. Make sure the resource manager is not being used by another object before attempting to update or delete it.

Source: Java or C++ APIs

DGL3903A   Error occurred while adding resource manager.

Explanation: An error occurred while trying to add a resource manager. In this case, the return code in the error log is positive.

User response: Record the return code from the error log file. See your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL3904A   Error occurred while updating resource manager.

Explanation: An error occurred while trying to update a resource manager. In this case, the return code in the error log is positive.

User response: Record the return code from the error log file. See your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL3905A   Error occurred while listing resource managers.

Explanation: An error occurred while listing a new resource manager to this library server.

User response: Record the return code from the error log file. See your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL3906A   Error occurred while retrieving resource manager.

Explanation: An error occurred while trying to retrieve a resource manager from the system.

User response: Record the return code from the error log file. See your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL3907A   Error occurred while deleting resource manager.

Explanation: An error occurred while trying to delete a resource manager from the system.

User response: Record the return code from the error log file. See your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL3908A   Cannot enable LAN cache for z/OS resource manager.

Explanation: The z/OS resource manager does not support LAN cache.

User response: Do not enable LAN cache for a resource manager running on z/OS .

Source: Java or C++ APIs

DGL3909A   Resource manager connection timed out.

Explanation: A resource manager connection cannot be established during timeout.

User response: Check if the resource manager is started, or change the timeout value and try again.

Source: Java or C++ APIs

DGL3910A   Resource manager collection already exists.

Explanation: You attempted to define a resource manager collection to this library server, however this resource manager collection is already defined in this library server.

User response: Define a different resource manager collection to this library server.

Source: Java or C++ APIs

DGL3911A   Resource manager collection does not exist.

Explanation: You attempted to define a resource manager collection to the library server, however the resource manager collection is not yet defined.

User response: Make sure the resource manager collection is defined to the library server. If it is not, use the system administration client to define the resource manager collection.

Source: Java or C++ APIs

DGL3912A   The requested resource manager collection is currently in use.

Explanation: You attempted to delete a resource manager collection from this library server but it is currently in use.

User response: Make sure the resource manager collection is no longer in use.

Source: Java or C++ APIs

DGL3913A   Error occurred while adding resource manager collection.

Explanation: An error occurred while defining a new resource manager collection to this library server.

User response: Record the return code from the error log file. See your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL3914A   Error occurred while updating resource manager collection.

Explanation: An error occurred while updating a new resource manager collection to this library server.

User response: Record the return code from the error log file. See your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL3915A   Error occurred while listing resource manager collections.

Explanation: An error occurred while listing a new resource manager collection to this library server.

User response: Record the return code from the error log file. See your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL3916A   Error occurred while retrieving resource manager collection.

Explanation: An error occurred while retrieving a new resource manager collection from this library server.

User response: Record the return code from the error log file. See your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL3917A   Error occurred while deleting resource manager collection.

Explanation: An error occurred while deleting a new resource manager collection from this library server.

User response: Record the return code from the error lo g file. See your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL3918A   Cannot use get method when cache is turned off.

Explanation: Cache is set off, so you cannot use the `get` method. Cache is a flag that can be set on or off when you define a datastore. When cache is set on, you can get objects from the datastore and store them in the cache temporarily; when cache is set off, you have to retrieve objects directly from the datastore.

User response: Use the `retrieve` method instead of the `get` method.

Source: Java or C++ APIs

DGL3919A   Error occurred while listing library server control parameters.

Explanation: An error occurred while trying to list control parameters in the datastore.

User response: Record the return code from the error log file. See your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL3920A   Error occurred while updating library server control parameters.

Explanation: An error occurred while trying to update control parameters in the datastore.

User response: Record the return code from the error log file. See your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL3921A   This component type should be a root component type, not a child component type.

Explanation: The component you attempted to pass through a function call should be a root component. To determine whether a component is a root component, check the parent ID of the component. The parent ID of a root component is 0.

Source: Java or C++ APIs

DGL3922A   This component type cannot be a root component type.

Explanation: The component you attempted to pass through a function call should be a child component. To determine whether a component is a child component, check the parent ID of the component. The parent ID of a root component should not be 0.

User response: Pass a child component instead of a root component.

Source: Java or C++ APIs

DGL3923A   Cannot find object from cache.

Explanation: You used a `get` method but the system cannot find any object from the cache. In this case, the cache might be outdated or you might have specified the wrong path.

Cache is a flag that can be set on or off when you define a datastore. When cache is set on, you can get objects from the datastore and store them in the cache temporarily; when cache is set off, you have to retrieve objects directly from the datastore.

User response: Use `retrieve` method instead of `get` method.

Source: Java or C++ APIs

DGL3924A   Cannot use get method when cache is empty.

Explanation: Cache is empty, so you cannot use the get method. Cache is a flag that can be set on or off when you define a datastore. When cache is set on, you can get objects from the datastore and store them in the cache temporarily; when cache is set off or empty, you have to retrieve objects directly from the datastore.

User response: Use retrieve method instead of get method.

Source: Java or C++ APIs

DGL3925A   Error occurred while adding XDO classification.

Explanation: An error occurred while adding an XDO classification.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3926A   Error occurred while deleting XDO classification.

Explanation: An error occurred while deleting an XDO classification.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3927A   Error occurred while updating XDO classification.

Explanation: An error occurred while updating an XDO classification.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3928A   Cannot delete system-defined XDO classification.

Explanation: You attempted to delete a system-defined XDO classification.

User response: Do not try to delete a system-defined XDO classification.

Source: Java or C++ APIs

DGL3929A   Cannot update system-defined XDO classification.

Explanation: You attempted to update a system-defined XDO classification.

User response: Do not try to update a system-defined XDO classification.

Source: Java or C++ APIs

DGL3930A   XDO classification ID [*nnn*] does not exist.

Explanation: You attempted to look for an attribute group ID that does not exist in the system.

User response: Create a new attribute group name and ID code for the desired attribute group if it does not exist, or choose a different attribute group name or code.

Source: Java or C++ APIs

DGL3931A   Error occurred while adding component type index.

Explanation: An error occurred while adding a component type index.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3932A   Error occurred while deleting component type index.

Explanation: An error occurred while deleting a component type index.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3933A   The source item type is not enabled for auto-linking.

Explanation: This source item type is not enabled for auto-linking.

User response: Using the system administration client, enable the source item type for auto-linking.

Source: Java or C++ APIs

DGL3934A   Auto-link cyclic link error. For example, the source is linked to the target and the target is linked to the source.

Explanation: Your source item is linked to the target

item and the target item is linked to the source item, causing a recursive link.

User response: Correct your program to change the links between the source item and target item.

Source: Java or C++ APIs

DGL3935A   Unknown auto-linking error.

Explanation: An error occurred while performing an auto-linking operation.

User response: Check your programming.

Source: Java or C++ APIs

DGL3936A   Access violation.

Explanation: The user does not have the privileges in his/her privilege set to perform this action. To perform this action, the user must have a privilege whose privSetCode is SYSTEM_ADMIN_PRIVSET or ALL_PRIV_SET in its privilege set.

User response: Do not perform this action.

Source: Java or C++ APIs

DGL3937A   Nonresource item type cannot be enabled for text search.

Explanation: You attempted to enable an item type for text search, however only text resource item types can be enabled for text search. For example, a video item type cannot be enabled for text search.

User response: Change your item type to a text resource item type. See the *Application Programming Guide* or see the *Application Programming Reference* for information about creating an item type.

Source: Java or C++ APIs

DGL3938A   This component type view structure (such as the parent/child-component relations) does not conform to the underlying hierarchy structure of the item type. It is likely that this component view's relation to its parent view cannot be located from this component's parent level.

Explanation: The child component you specified in the query is not a valid child component of its parent. For example, if book_author is a child component of book, and journal_author is a child component of journal, then you receive this error message if you submit a query "/journal/book_author".

User response: Re-formulate the query and make sure to specify a valid child component.

Source: Java or C++ APIs

DGL3939A   Component type view [*nnn*] is not a root component type view.

Explanation: You attempted an action on a child component, but the action is only valid for a root component.

User response: Re-formulate the query and try the action on a root component.

Source: Java or C++ APIs

DGL3940A   Name length cannot exceed 15 characters.

Explanation: You attempted to specify an attribute, component, or view with a name longer than 15 characters. The library server does not support attribute, component, or view names longer than 15 characters.

User response: Limit the name of the attribute, component, or view to 15 characters. Use only alphabetical characters, numbers from 0 - 9, and underscore (_) in the name.

Source: Java or C++ APIs

DGL3941A   You need to set sequence number of attribute.

Explanation: You need to set the sequence number of the attribute when you add it to the component type.

User response: Set the sequence number of the attribute.

Source: Java or C++ APIs

DGL3942A   Error occurred while listing XDO classification.

Explanation: An error occurred while listing an XDO classification.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3943A   Error occurred while storing content from a third party content source; the host name for the content source is not set.

Explanation: The host name of the FTP server (the third party content source) was not specified.

User response: Specify the FTP server host name.

Source: Java or C++ APIs

DGL3944A Error occurred while storing content from a third party content source; the user ID for accessing the content source is not set.

Explanation: The user ID to be used with the FTP server (the third party content source) was not specified.

User response: Specify the user ID for the FTP server host name.

Source: Java or C++ APIs

DGL3945A Error occurred while storing content from a third party content source; the password for accessing the content source is not set.

Explanation: The password for the user ID to be used with the FTP server (the third party content source) was not specified.

User response: Specify the password for the FTP server.

Source: Java or C++ APIs

DGL3946A Error occurred while storing content from a third party content source; the file name for accessing the content source is not set.

Explanation: The name of the resource file which is to be stored from the FTP server was not specified.

User response: Specify the name for the resource file that will be stored from the FTP server (the third party content source).

Source: Java or C++ APIs

DGL3947A Error occurred while storing content from a third party content source; the port number for accessing the content source is not set.

Explanation: The port of the FTP server (the third party content source) was not specified.

User response: Specify the port for the FTP server. By default this port is 21.

Source: Java or C++ APIs

DGL3948A Error occurred while storing content from a third party content source; the protocol specified for accessing the content source is unknown.

Explanation: The protocol to be used for the FTP server (the third party content source) was not specified.

User response: Specify the protocol as FTP or HTTP.

Source: Java or C++ APIs

DGL3949A Error occurred while attempting to reference this attribute (as a foreign key) to a primary key in a primary/foreign-key constraint; error occurred because a primary/foreign-key constraint was already established for this attribute.

Explanation: You attempted to reference this attribute as a foreign key to a primary key in a primary-key and foreign-key constraint while a primary-key and foreign-key constraint has already been established for this attribute.

User response: None.

Source: Java or C++ APIs

DGL3951A Error occurred because the source attribute (as a foreign key) is not found to be a part of a primary/foreign-key constraint.

Explanation: The source attribute you specified is not a part of a primary-key and foreign-key constraint.

User response: Specify a source attribute that is a part of a primary-key and foreign-key constraint.

Source: Java or C++ APIs

DGL3952A Error occurred because the target attribute (as a primary key) is not found to be a part of a primary/foreign-key constraint.

Explanation: The target attribute you specified as a primary key is not a part of a primary-key and foreign-key constraint.

User response: Specify a target attribute that is a part of a primary-key and foreign-key constraint.

Source: Java or C++ APIs

DGL3953A Error occurred while removing the primary/foreign-key constraint because the primary/foreign key constraint is not found in the item type.

Explanation: You attempted to remove a primary-key and foreign-key constraint that is not found in the item type.

User response: None.

Source: Java or C++ APIs

DGL3954A   **Error occurred while adding the primary/foreign-key constraint because the primary/foreign key constraint already exists in the item type.**

Explanation: You attempted to add a primary-key and foreign-key constraint that already exists in the item type.

User response: None.

Source: Java or C++ APIs

DGL3955A   **Item type view does not exist.**

Explanation: The system does not recognize the item type view object from datastore.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3956A   **Error occurred while adding an item type view.**

Explanation: An error occurred while adding an item type view.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3957A   **Error occurred while deleting an item type view.**

Explanation: An error occurred while deleting an item type view.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3958A   **Error occurred while updating an item type view.**

Explanation: An error occurred while updating an item type view.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3959A   **Cannot delete system-defined item type view.**

Explanation: You attempted to delete a system-defined item type view.

User response: Do not try to delete the system-defined item type view.

Source: Java or C++ APIs

DGL3960A   **Cannot update system-defined item type view.**

Explanation: You attempted to update a system-defined item type view.

User response: Do not try to update the system-defined item type view.

Source: Java or C++ APIs

DGL3961A   **Item type view ID does not exist.**

Explanation: The system cannot find this item type view ID. The item type view might not exist in the database.

User response: Define an ID for this item type view.

Source: Java or C++ APIs

DGL3962A   **Component type view does not exist.**

Explanation: The system cannot find this component type view.

User response: Define a new component type view.

Source: Java or C++ APIs

DGL3963A   **Error occurred while adding component type view.**

Explanation: An error occurred while adding a component type view.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3964A   **Error occurred while deleting component type view.**

Explanation: An error occurred while deleting a component type view.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3965A   Error occurred while updating component type view.

Explanation: An error occurred while updating a component type view.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3966A   Cannot delete system-defined component type view.

Explanation: You attempted to delete a system-defined component type view.

User response: Do not try to delete a system-defined component type view.

Source: Java or C++ APIs

DGL3967A   Cannot update system-defined component type view.

Explanation: You attempted to update a system-defined component type view.

User response: Do not try to update a system-defined component type view.

Source: Java or C++ APIs

DGL3968A   Component type view ID does not exist.

Explanation: The system cannot find this component type view ID. The component type view might not exist in the database.

User response: Define an ID for this component type view.

Source: Java or C++ APIs

DGL3969A   Error occurred while building component type view.

Explanation: An error occurred while building a component type view.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3970A   This component type view should be a root component type view.

Explanation: A root component type view is required.

User response: Use the root component type view.

Source: Java or C++ APIs

DGL3971   Defined length is invalid.

Explanation: Character length cannot be defined as more than 254 bytes.

User response: Character length should be defined within 254 bytes.

Source: Java or C++ APIs

DGL3972A   Error occurred while updating/deleting the object; error occurred because the update/delete operation violates the data referential constraint maintained by the library server.

Explanation: Deletion of this item violates a foreign key constraint delete rule that is set to restrict. This is most likely due to a user-defined foreign key constraint, reference attribute delete rule, or a child component delete rule.

User response: To successfully delete this item, delete or remove all references to other items or components that would be subject to this referential constraint restrict delete rule. Check foreign keys, reference attributes, and child components. This delete rule prevents deletion of referenced items or components. It can also be used if you want to delete referenced items or components.

Source: Java or C++ APIs

DGL3973A   Primary or unique key values cannot be null.

Explanation: A primary or unique key must have distinct values.

User response: Define a value for the primary or unique key.

Source: Java or C++ APIs

DGL3974A   Invalid IBM Content Manager PID.

Explanation: The Content Manager (ICM) PID consists of an item ID component ID, version number, and object type. If any of these parts of the PID is null or the length is zero, then the PID is invalid.

User response: Define a valid ICM PID.

Source: Java or C++ APIs

DGL3975A   Some or all links failed validation. The operation has been canceled. The type of source cannot link to that type of target with the specified type of link. A brief description of the failed links follows.

Explanation: One or more invalid links were found. Validation has failed on one or more links.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3976A **Content length to be retrieved from data sources not set.**

Explanation: The total length(s) of the resource file(s) to be stored from the third party content source is not set.

User response: Set the total length(s) of the resource file(s) to be stored from the third party content source.

Source: Java or C++ APIs

DGL3977A **A required parameter was not set.**

Explanation: A required parameter for this operation was not set.

User response: See the *Application Programming Reference* for information about the required parameters. Correct your program by specifying all the required parameters.

Source: Java or C++ APIs

DGL3980A **The resource manager returned an invalid response.**

Explanation: Communications with the resource manager returned an unrecognized response.

User response: Check the configuration of the resource manager.

Source: Java or C++ APIs

DGL3981A **Error occurred while listing component type indexes.**

Explanation: An error occurred while listing component type indexes.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3982A **The source DDO of the DKLink object has not been added to or retrieved from the persistent store. The source DDO (of the DKLink) has to be a persistent object before you can perform link operation against it.**

Explanation: The source DDO within the DKLink object was not added or retrieved.

User response: The source DDO of the link must first be added or retrieved.

Source: Java or C++ APIs

DGL3983A **The target DDO of the DKLink object has not been added to or retrieved from the persistent store. The target DDO (of the DKLink) has to be a persistent object before you can perform link operation against it.**

Explanation: The target DDO within the DKLink object was not added or retrieved.

User response: The target DDO of the link must first be added or retrieved.

Source: Java or C++ APIs

DGL3984A **The LinkItem DDO within the DKLink object has not been added or retrieved. It must first be added or retrieved.**

Explanation: The link item DDO within the DKLink object was not added or retrieved.

User response: The link item DDO of the link must first be added or retrieved.

Source: Java or C++ APIs

DGL3985A **Cannot find component type index in the given component type.**

Explanation: Could not find a component type index for the given component type.

User response: Define the component type index for this component type.

Source: Java or C++ APIs

DGL3986A **Error occurred while adding user event type.**

Explanation: An error occurred while adding an event type.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3987A **Error occurred while deleting user event type.**

Explanation: An error occurred while deleting an user event type.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3988A   Error occurred while updating event type.

Explanation: An error occurred while updating an event type.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3989A   Cannot delete system-defined event type.

Explanation: You attempted to delete a system-defined event type.

User response: Do not try to delete a system-defined event type.

Source: Java or C++ APIs

DGL3990A   Cannot update system-defined event type.

Explanation: You attempted to update a system-defined event type.

User response: Do not try to update a system-defined event type.

Source: Java or C++ APIs

DGL3991A   Event type ID does not exist.

Explanation: You attempted to look for an event type ID that does not exist in the system.

User response: Create a new event type name and ID code for the desired event type if it does not exist, or choose a different event type name or code.

Source: Java or C++ APIs

DGL3992A   Cannot exceed the maximum short value.

Explanation: You attempted to define the maximum value for short data type that exceeds the upper bound.

User response: Define a value within the range allowed for this data type.

Source: Java or C++ APIs

DGL3993A   Cannot exceed the maximum integer value.

Explanation: You attempted to define the maximum value for integer data type that exceeds the upper bound allowed for this data type.

User response: Define a value within the range allowed for this data type.

Source: Java or C++ APIs

DGL3994A   Cannot go below the minimum short value.

Explanation: You attempted to define the minimum value for short data type that exceeds the lower bound all owed for this data type.

User response: Define a value within the range allowed for this data type.

Source: Java or C++ APIs

DGL3995A   Cannot be below the minimum integer value.

Explanation: You attempted to define the minimum value for integer data type that exceeds the lower bound allowed for this data type.

User response: Define a value within the range allowed for this data type.

Source: Java or C++ APIs

DGL3996A   Defined maximum value cannot be lower than the minimum value.

Explanation: You attempted to define the maximum value of a numeric data type attribute that is lower than the minimum value of this attribute.

User response: Define a larger value for the maximum value.

Source: Java or C++ APIs

DGL3997A   Privilege set is in use and cannot be deleted.

Explanation: This privilege set is being used in a certain privilege group.

User response: Do not delete this privilege set from the system.

Source: Java or C++ APIs

DGL3998A   Error occurred while listing MIME types.

Explanation: An error occurred while listing content types.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL3999A   Error occurred while adding MIME type.

Explanation: An error occurred while adding a content type.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

API messages: DGL4000A - DGL5427A

API messages DGL4000A - DGL5427A describe problems and possible solutions for Java and C++ applications.

0000   **Only a component type view can be used as a context to be queried against in a query string.**

Explanation: Attributes, literals or other primitive values cannot be used as context. For example, the query /Journal[@Title/@Classification = \"Technology\"] is invalid since attribute Title is used as a context for the Classification attribute. Similarly, the query (1)Journal_Article is invalid because the literal string 1 is being used as a context for Journal_Article.

User response: Correct the query string. For example, use /Journal[Journal_Article/@Classification = 5].

Source: Java or C++ APIs

DGL4000A   **Error occurred while updating MIME type.**

Explanation: An error occurred while updating a MIME type.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL4001A   **Error occurred while deleting MIME type.**

Explanation: An error occurred while deleting a MIME type.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL4002A   **Invalid event code.**

Explanation: You tried to look for an event code that does not exist in the system.

User response: Choose a different event code.

Source: Java or C++ APIs

DGL4003A   **Error occurred while writing event.**

Explanation: An error occurred while writing an event.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL4004A   **Error occurred while listing events.**

Explanation: An error occurred while listing an event.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL4005A   **Error occurred while listing item type relationships.**

Explanation: An error occurred while listing item type relationships.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL4006A   **Error occurred while adding item type relationship.**

Explanation: An error occurred while adding an item type relationship.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL4007A   **Error occurred while updating item type relationship.**

Explanation: An error occurred while updating an item type relationship.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL4008A   **Error occurred while deleting item type relationship.**

Explanation: An error occurred while deleting an item type relationship.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL4009A   A description of attribute group is required.

Explanation: You must provide the description of this attribute group.

User response: Provide the description of the attribute group.

Source: Java or C++ APIs

DGL4010A   An attribute with this (case-insensitive) name already exists.

Explanation: You tried to add an attribute that already exists or an attribute that has the same name, but a different case.

User response: Use a different name for the attribute.

Source: Java or C++ APIs

DGL4011A   Component type already exists.

Explanation: You tried to define a new item type to this library server, but this item type is already defined in this library server.

User response: Use a different name for the item type.

Source: Java or C++ APIs

DGL4012A   Item type already exists.

Explanation: You tried to define a new component type to this library server, but this component type is already defined in this library server.

User response: Use a different name for the component type.

Source: Java or C++ APIs

DGL4013A   Object does not exist.

Explanation: You tried to look for an object that does not exist in this library server.

User response: Look for a different object.

Source: Java or C++ APIs

DGL4014A   Require reference attributes (either system-defined or user-defined) to allow pointing from a root or child component to any other root component.

Explanation: An error occurred while linking a root or child component to any other root component. There are no reference attributes (either system-defined or user-defined) available for this item type.

User response: Define reference attributes for the item type.

Source: Java or C++ APIs

DGL4015A   For decimal type, the total number of places should be greater than the precision (number of non-negative decimal integer preceded by a period).

Explanation: In a decimal data type, you tried to define the total number of places smaller than the precision. For example, in the decimal data type, AAAA.BBB, the total number of places is 8 and precision is 3.

User response: Define the total number of places with a larger value.

Source: Java or C++ APIs

DGL4016A   Item type relation does not exist in the entity.

Explanation: You tried to look for an item typ e relation that does not exist in this library server.

User response: Look for a different item type relation.

Source: Java or C++ APIs

DGL4017A   Item type relation already exists in the entity.

Explanation: You tried to define a new item type relation to this library server, but this item type relation is already defined in this library server.

User response: Use a different item type relation.

Source: Java or C++ APIs

DGL4018A   Component ID is not set in the PID.

Explanation: This operation requires that a component ID be set in the PID.

User response: Set the component ID in the PID and try the operation again.

Source: Java or C++ APIs

DGL4019A   **Component type ID is not set in the PID.**

Explanation: This operation requires that a component type ID be set in the PID.

User response: Set the component type ID in the PID and try again.

Source: Java or C++ APIs

DGL4020A   **Source or destination is not a base item type.**

Explanation: The operation move object can only move a base item type, not a view.

User response: Specify a base item type and try again.

Source: Java or C++ APIs

DGL4021A   **Source or destination is not a root of an item.**

Explanation: The operation move object can only move a root component of an item.

User response: Specify a root component of an item and try again.

Source: Java or C++ APIs

DGL4022A   **There is no attribute to be moved to the destination item type from the source item type.**

Explanation: The source item does not have an attribute to be moved.

User response: Check your program for the source item input and try again.

Source: Java or C++ APIs

DGL4023A   **The item type classification of the source item should be of the classification document model.**

Explanation: Only a document model item type can be defined as source.

User response: Make sure the classification of the source item type is set to document model.

Source: Java or C++ APIs

DGL4024A   **The item type classification of the target item should be of the classification document part.**

Explanation: Only a part item type can be defined as target.

User response: Make sure the classification for the target item is set to part type.

Source: Java or C++ APIs

DGL4025A   **Target item type should be predefined by the system. User-defined target item types are not supported by this release.**

Explanation: Only a system predefined item type can be a target for the document model item type.

User response: Do not try to create a user-defined target item type.

Source: Java or C++ APIs

DGL4026A   **Cannot move item to a different classification.**

Explanation: The source and target item types are in different classifications. One is a document item while the other is a resource item.

User response: Correct your input and try again.

Source: Java or C++ APIs

DGL4027A   **Function limitation: cannot remove resource item and create a new version.**

Explanation: You cannot remove a versioned resource item.

User response: None.

Source: Java or C++ APIs

DGL4031A   **Cannot move item to the same item type.**

Explanation: The source and destination item type cannot be the same.

User response: Correct your program and try again.

Source: Java or C++ APIs

DGL4032A   **The length of description cannot exceed 254 characters.**

Explanation: The maximum length of description is 254 characters.

User response: Define the description in 254 characters or fewer.

Source: Java or C++ APIs

DGL4033A   **Name length cannot exceed 32 characters.**

Explanation: The length of a variable name is more than 32 characters, which is the maximum limit for the length of a variable name.

User response: Define the length of the variable name to be 32 characters or less.

Source: Java or C++ APIs

DGL4050A   Unable to start an IBM Content Manager document routing process.

Explanation: An error occurred while starting a document routing process.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL4051A   Unable to terminate a document routing process.

Explanation: An error occurred while ending an IBM Content Manager document routing process.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL4052A   Unable to continue a document routing process.

Explanation: An error occurred while continuing an IBM Content Manager document routing process.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL4053A   Unable to update a work package.

Explanation: An error occurred while updating a work package.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL4054A   Unable to suspend a document routing process.

Explanation: An error occurred while suspending an IBM Content Manager document routing process.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL4055A   Unable to resume a document routing process.

Explanation: An error occurred while resuming a document routing process.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL4056A   Unable to get work package.

Explanation: An error occurred while retrieving a work package.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL4057A   Unable to get worklist.

Explanation: An error occurred while retrieving a worklist.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL4058A   Unable to get work packages that reference the same document or folder being routed.

Explanation: An error occurred while retrieving a work package.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL4059A   This is a regular work node. No resume list can be set.

Explanation: This is not a collection point, so you cannot set a resume list on this work node.

User response: Do not set a resume list for this work node.

Source: Java or C++ APIs

DGL4100A   Unable to locate document routing process with name specified.

Explanation: This document routing process does not exist in the database.

User response: Add this document routing process to the database.

Source: Java or C++ APIs

DGL4101A   Cannot locate the start work node in the document routing process specified.

Explanation: A start work node in this document routing process does not exist.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL4102A   Cannot locate requested work node.

Explanation: The requested work node does not exist in the document routing process.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL4103A   Cannot locate requested work package.

Explanation: The requested work package does not exist in the database.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL4104A   Attempt to update work node failed.

Explanation: An error occurred while updating a work node.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL4105A   Cannot set the resume time for the item to be suspended.

Explanation: An error occurred while setting the resume time for the item to be suspended in the document routing process.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL4106A   Action code specified is not valid.

Explanation: An invalid action code was specified in this document routing process.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL4107A   Error occurred while continuing a document routing process because routing actions menu item or work node is not valid.

Explanation: An invalid selection was made on the document routing menu actions item or work node.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL4108A   Error occurred while updating information against an item (document or folder) that is currently suspended.

Explanation: An error occurred while checking in a suspended item in a document routing process.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL4109A   Error occurred while getting document routing process information because item (document) ID cannot be found in the server.

Explanation: Because the item ID does not exist in the database, the system was unable to get information about the document routing process.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL4110A   Error occurred while getting document routing process information because item (document) type ID cannot be found in the server. Cannot locate requested target (document) item type ID.

Explanation: Because the item type ID does not exist in the database, the system was unable to get information about the document routing process.

User response: Determine the source of the problem

by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL4111A   Cannot locate requested worklist.

Explanation: The requested worklist does not exist.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL4112A   Last changed time in work package does not match the one recorded in the document routing process table.

Explanation: The last changed time in the work package and the document routing process table do not match.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL4113A   Error occurred while trying to delete the entries in the resume list table.

Explanation: An error occurred while deleting a resume list entry in an IBM Content Manager document routing process.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL4114A   Error occurred while trying to resume item.

Explanation: An error occurred while resuming an item in IBM Content Manager document routing process.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL4115A   Not able to change the priority of a work item.

Explanation: An error occurred while updating the priority of a work package in an IBM Content Manager document routing process.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL4116A   Error occurred while trying to suspend item.

Explanation: An error occurred while suspending an item in an IBM Content Manager document routing process.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL4117A   Error occurred because there exists a route to loop back to a previously connected collection point from itself in a document routing process.

Explanation: An error occurred because the collection point is pointing back to itself, causing an endless loop.

User response: Break the loop in the collection point.

Source: Java or C++ APIs

DGL4118A   Suspend-by-item operation can only be performed against item of type folder.

Explanation: An error occurred while suspending an item of type other than folder.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL4119A   Source node and destination node cannot be the same node.

Explanation: You cannot define a single node to be both the source node and the destination node in an IBM Content Manager document routing process.

User response: Use different nodes for the source and destination.

Source: Java or C++ APIs

DGL4120A   The route list has duplicate entries.

Explanation: You have duplicate entries in the route list.

User response: Remove the duplicate entries in the route list.

Source: Java or C++ APIs

DGL4121A **The route entry is not connected at both ends to work nodes of the document routing process.**

Explanation: This route entry is disconnected from the rest of the route entry list.

User response: Connect this route in the document routing process.

Source: Java or C++ APIs

DGL4122A **Cannot have more than one start node in a document routing process.**

Explanation: You have two start nodes in your document routing process. You can have only one start node.

User response: Remove one of the start nodes.

Source: Java or C++ APIs

DGL4123A **Routing table cannot be empty.**

Explanation: You have an empty route list.

User response: Add one or more route list entries to this document routing process.

Source: Java or C++ APIs

DGL4124A **No end node in this routing table.**

Explanation: You do not have an end node in your document routing process.

User response: Add an end node to this process route list.

Source: Java or C++ APIs

DGL4125A **This selection name already exists.**

Explanation: This selection name already exists in this document routing process.

User response: Choose a different selection name.

Source: Java or C++ APIs

DGL4126A **One of the node names is empty.**

Explanation: One of the work nodes does not have a name.

User response: Provide a name for this work node.

Source: Java or C++ APIs

DGL4127A **One of the selection names is empty.**

Explanation: One of the selections does not have a name.

User response: Provide a name for this selection.

Source: Java or C++ APIs

DGL4128A **A collection point can have only one exit in a document routing process.**

Explanation: A collection point can have only one exit in an IBM Content Manager document routing process.

User response: Maintain one exit for the collection point.

Source: Java or C++ APIs

DGL4129A **A dangling work node exists in a document routing process.**

Explanation: Your document routing process contains a dangling node, which does not connect to any other node in the process.

User response: Connect this node to the rest of the route list.

Source: Java or C++ APIs

DGL4130A **A collection point cannot loop back to itself.**

Explanation: An error occurred because the collection point is pointing back to itself, causing an endless loop.

User response: Break the loop in the collection point.

Source: Java or C++ APIs

DGL4131A **No intermediate node between start node and end node.**

Explanation: You do not have any intermediate nodes between the start and end nodes.

User response: Provide at least one intermediate node.

Source: Java or C++ APIs

DGL4132A **Node name cannot use reserved word.**

Explanation: You cannot use START or END to name this node; these are reserved words in the system.

User response: Provide a different name for this node.

Source: Java or C++ APIs

DGL4133A **The document routing process is in use and cannot be deleted.**

Explanation: A process that contains work packages cannot be deleted.

User response: Do not delete this process.

Source: Java or C++ APIs

DGL4134A   The work node is in use and cannot be deleted.

Explanation: You tried to delete a work node that is used by work packages, routing steps, or work lists.

User response: Do not delete this work node.

Source: Java or C++ APIs

DGL4135A   The work list is empty.

Explanation: This work list contains no work nodes.

User response: Add work nodes to this work list.

Source: Java or C++ APIs

DGL4150A   There is an invalid character in the name.

Explanation: A name can contain only `a - z, A - Z, 0 - 9, _, @, #,` or `$`.

User response: Provide valid characters for this name.

Source: Java or C++ APIs

DGL4151A   Need to set item type ID or name.

Explanation: An item type ID or name is required for this class.

User response: Define an item type ID or name.

Source: Java or C++ APIs

DGL4152A   Need to set component type ID or name.

Explanation: A component type ID or name is required for this class.

User response: Define a component type ID or name.

Source: Java or C++ APIs

DGL4153A   An identifier must begin with a letter.

Explanation: A name cannot begin with `0 - 9`, or an underscore (`_`).

User response: Provide the valid characters for this name.

Source: Java or C++ APIs

DGL4154A   For decimal data type, a precision value is required.

Explanation: For the decimal data type, you need to set a precision value.

User response: Use the `setPrecison` method to define a value for the precision.

Source: Java or C++ APIs

DGL4160A   The component type must be unique in the item type view.

Explanation: The component type view associated with this component type exists in the item type view. Each component type view is associated with a component type in the item type view and the component type must be unique.

User response: Make sure that the component type is unique in the item type view.

Source: Java or C++ APIs

DGL4161A   A system-defined or reserved component type name is used for the name of a root or child component type.

Explanation: A system-defined or reserved component type name cannot be used for the name of a root or child component type.

User response: Use a different name for this component type.

Source: Java or C++ APIs

DGL4162A   A system-defined or reserved attribute is used.

Explanation: You cannot use a system-defined or reserved attribute name.

User response: Use a different name for this attribute.

Source: Java or C++ APIs

DGL4163A   You cannot delete base views.

Explanation: You cannot delete base views, which are defined by the system.

User response: You can only delete user-defined root or child component type views, but not base views.

Source: Java or C++ APIs

DGL4164A   The ICMROOT variable is not defined on the system.

Explanation: After you install the library server, define the ICMROOT variable on the system to make sure that DB2 collects all variables. ICMROOT also becomes the name of the directory that holds library server files. By default, ICMROOT = `C:\Program Files\IBM\CM8`.

User response: On Windows NT, define `ICMROOT` in the environment variable; On AIX, edit `/home/`*DB2INSTANCE*`/sqllib/profile.env` to include: `DB2ENVLIST='LIBPATH ICMROOT ICMDLL ICMCOMP CMCOMMON'` after db2stop and db2start.

Source: Java or C++ APIs

DGL4165A   **Document part item types can not have child components.**

Explanation: You cannot define child components to part item types.

User response: Make sure part item types with classification set to document part do not have child components.

Source: Java or C++ APIs

DGL4169A   **Domain name does not exist.**

Explanation: The name of this domain is not in the database.

User response: Add the domain name to the database.

Source: Java or C++ APIs

DGL4170A   **Failed to add domain privilege sets.**

Explanation: An error occurred while adding the privilege sets to this domain.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL4171A   **Failed to remove domain privilege sets.**

Explanation: An error occurred while removing the privilege sets for this domain.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL4172A   **Failed to add domain access control lists.**

Explanation: An error occurred while adding the access control list for this domain.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL4173A   **Failed to remove domain access control lists.**

Explanation: An error occurred while removing the access control lists for this domain.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL4174A   **A user group or non-super user cannot be associated with a super privilege set to form an ACL rule.**

Explanation: A privilege set that contains the DomainSuperDomainAdmin privilege can only be associated with a user who has the DomainSuperDomainAdmin privilege in their privilege set. This forms an access control list rule.

User response: Remove this rule from the access control list.

Source: Java or C++ APIs

DGL5000A   **SORTBY expression must evaluate to a single value.**

Explanation: The SORTBY expression in your query does not evaluate to a single value. For example, this sample query /Journal SORTBY (Journal_Article/ @Title) is invalid because there can be more than one topic for a given journal.

User response: Rewrite your query with the correct SORTBY expression. For example, use /Journal SORTBY (@Title).

Source: Java or C++ APIs

DGL5001A   **Result of the query must be a component.**

Explanation: The last element in the path of the query string must be a component. For example, this query "/Journal/Journal_Article/@Title" is invalid because Title is an attribute and terminates the query path.

User response: Rewrite the query string. For example, "/Journal/Journal_Article" .

Source: Java or C++ APIs

DGL5002A   **Internal query processing error.**

Explanation: An internal error occurred.

User response: Record the error code from the error log file, and see your IBM service representative.

Source: Java or C++ APIs

DGL5003A   **Must be a logical or set expression.**

Explanation: The structure of the query string is incorrect.

User response: See the *Application Programming Guide*, SC27-1347, for the appropriate use of logical and set expressions.

Source: Java or C++ APIs

DGL5004A **Invalid use of INTERSECT or EXCEPT set operator in the query string.**

Explanation: Intermediate results obtained by INTERSECT or EXCEPT cannot be combined with arithmetic (unary or binary) or comparison operators. They can be combined by set operators (UNION/INTERSECT/EXCEPT) or appear by themselves.

User response: Rewrite your query string. For example, this query "/Journal[(Journal_Editor/ @LastName INTERSECT .//Journal_Author?@LastName) = \"Davis"\ ]" is invalid because the result of the INTERSECT operator is combined using a comparison operator (=). One example of a valid use of these operators is "/Journal[Journal_Article[Journal_Section/@Title INTERSECT .//Journal_Figure/@Caption] /@Title = \"Content Management\"]". This query is valid because the result of INTERSECT is not combined using any operator.

Source: Java or C++ APIs

DGL5005A **Each part of the query string connected by a set operator (for example, UNION) must be a set expression.**

Explanation: For example, the query string "/Journal UNION (/Book/@NumPages = 5)" is invalid because the right part of the query is a comparison.

User response: Correct the query string. For example, "/Journal UNION /Book[@NumPages = 5]".

Source: Java or C++ APIs

DGL5006A **You cannot specify more than one set in an arithmetic operation in a query string.**

Explanation: For example, this query "/Journal[(@NumPages + [7,9]) = 5]" is invalid because both the attribute NumPages and the set [7, 9] evaluate to more than one value.

User response: Change the arithmetic expression in the query. For example, "/Journal[(@NumPages + 7) = 5]".

Source: Java or C++ APIs

DGL5007A **Arithmetic operation cannot be applied to non-arithmetic operand(s) in a query string.**

Explanation: For example, this query "/Journal[(@NumPages + (@Title = \"XML\")) = 5]" is invalid because the NumPages attribute is added with a condition.

User response: Correct the query string. For example, "/Journal[(@NumPages + 2) = 5]".

Source: Java or C++ APIs

DGL5008A **Predicate cannot follow a literal or a function invocation in a query string.**

Explanation: For example, this query "/Journal[@NumPages = 5[@Title = \"XML\"]] " is invalid because the condition on the Title follows directly after the literal 5.

User response: Correct the query string. For example, "/Journal[@NumPages = 5 AND @Title = \"XML\"]".

Source: Java or C++ APIs

DGL5009A **Only a component type view can be used as a context to be queried against in a query string.**

Explanation: Attributes, literals or other primitive values cannot be used as context. For example, the query "/Journal[@Title/@Classification = \"Technology\"] " is invalid since attribute "Title" is used as a context for "Classification" attribute. Similarly, the query "(1)Journal_Article" is invalid because the literal "1" is being used as a context for "Journal_Article".

User response: Correct the query string. For example, "/Journal[Journal_Article/@Classification = 5]".

Source: Java or C++ APIs

DGL5010A **Root component type view does not have a parent component type view.**

Explanation: For example, this query "/Journal/.." is invalid since the query attempts to retrieve the parent of a root component type view Journal.

User response: Correct the query string to properly use the (..) operator. For example, "//Journal_Article/ ..".

Source: Java or C++ APIs

DGL5011A **Internal error.**

Explanation: An error occurred outside of the API.

User response: Record the error code and see your IBM service representative.

Source: Java or C++ APIs

DGL5012A **Cannot refer to a component type view or an attribute without a context (for example, "/" or "//").**

Explanation: The query string needs to use the appropriate context, for example, / for direct child relationship, or // for descendant relationship, before referring to a component type view. For example, the following query is invalid: Journal.

User response: Add a context to the query string. For example, "/Journal" or "//Journal_Article".

Source: Java or C++ APIs

DGL5013A Attribute must appear in the context of a component type view.

Explanation: For example, this query"/@Title" is invalid since the query does not specify which component type view the Title attribute belongs to.

User response: Rewrite the query string. For example, "/Journal[@Title = \"IBM\"]" or "/*[@Title = \"IBM\"]".

Source: Java or C++ APIs

DGL5014A Attribute [*nnn*] cannot be used with a dereference operator in a query string.

Explanation: The query language supports a dereference operator (= >). However, only link attributes, reference attributes, and re verse reference traversal attributes can be dereferenced.

User response: Make sure that the query uses the attribute that can be dereferenced.

Source: Java or C++ APIs

DGL5015A A syntax conversion error occurred for the text search string passed to text search service.

Explanation: The syntax of the text search string is invalid.

User response: See the *Application Programming Guide*, SC27-1347, and the appropriate DB2 Text Information Extender or DB2 Net Search Extender documentation.

Source: Java or C++ APIs

DGL5016A String argument expected in the query string.

Explanation: For example, a query "/Journal[contains-text(@Title, 5)=1]" is invalid since the text search function expects the second argument to be a string.

User response: Correct the query string. For example, "/Journal[contains-text(@Title, \" '5' \")=1]".

Source: Java or C++ APIs

DGL5017A Predicate cannot be an arithmetic expression in a query string.

Explanation: For example, this query "/Journal[7 + 5]" is invalid because the condition inside the brackets is expected, but instead an arithmetic sum operation is listed.

User response: Correct the query string. For example, "/Journal[@NumPages = 5] ".

Source: Java or C++ APIs

DGL5018A Comparison of component type views is not allowed in a query string.

Explanation: For example, this query "/Journal[Journal_Article = Journal_Editor]" is invalid because Journal_Article and Journal_Editor are component type views.

User response: Correct the query string. For example, "/Journal[Journal_Article/@Title = @Title]".

Source: Java or C++ APIs

DGL5019A Attribute wildcard characters are not allowed in a query string.

Explanation: For example, this query "/Journal[@* = 5]" is invalid since a wildcard (*) is used instead of a specific attribute name.

User response: Correct the query string. For example, "/Journal[@NumPages = 5] ".

Source: Java or C++ APIs

DGL5020A Illegal token [*nnn*] encountered in the query string.

Explanation: This token is not valid in its current position in the query string. For example, in the query string "/Journal[@NumPages IS NOT 5]", the integer literal 5 is valid by itself, but only NULL can follow IS NOT.

User response: Rewrite your query string. For example, "/Journal[@NumPages != 5] ".

Source: Java or C++ APIs

DGL5021A The handle requested is not supported from this object.

Explanation: You requested a handle but passed an incorrect handle type.

User response: Pass a valid handle type.

Source: Java or C++ APIs

DGL5022A Error occurred while retrieving a list of compiled access control list codes for a given user.

Explanation: An error occurred trying to retrieve a list of access control lists for a given user.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL5023A   A request to update a part needs to have the content of the part modified.

Explanation: You tried to update a part without changing its content.

User response: Change the content of a part before updating the part.

Source: Java or C++ APIs

DGL5024A   Failed in parsing XML response.

Explanation: There is no XML response, or there is an invalid XML response from the resource manager.

User response: Retry the operation. If the problem persists, record the return codes and see your system administrator or *IBM* service representative.

Source: Java or C++ APIs

DGL5025A   Cannot store data on the resource manager.

Explanation: There is a storage problem with the resource manager.

User response: Use the System Administration client to confirm storage systems are not marked Offline or Suspended. Also check the configuration of the Web server.

Source: Java or C++ APIs

DGL5026A   Invalid http response.

Explanation: An invalid request to the remote server occurred. The http response code is from a remote server.

User response: See the error log file for more information.

Source: Java or C++ APIs

DGL5027A   LDAP protocol error.

Explanation: The LDAP server does not recognize the communications protocol being used.

User response: The protocol used for LDAP communications is the standard LDAP protocol. Make sure your LDAP server is configured to use LDAP Version 3.

Source: Java or C++ APIs

DGL5028A   LDAP timeLimit exceeded.

Explanation: The expected communication with the LDAP server exceeded the time limit specified.

User response: You might have network delays. Increase the time-out value for the LDAP server, if possible.

Source: Java or C++ APIs

DGL5029A   LDAP sizeLimit exceeded.

Explanation: The results exceeded a size limit. For example, the result had more objects than requested by the user.

User response: Change the operation causing this exception to be thrown.

Source: Java or C++ APIs

DGL5030A   Authorization specified is not supported.

Explanation: The LDAP server is not accepting the authorization mechanism specified.

User response: Check that the correct authorization mechanism was specified and make sure that the LDAP server supports the authorization.

Source: Java or C++ APIs

DGL5031A   The current authentication mechanism is not of the authentication type which LDAP is expecting.

Explanation: The LDAP server requires a stronger authorization mechanism than the one specified.

User response: Check the LDAP server configuration and make sure that the authorization mechanisms defined are supported.

Source: Java or C++ APIs

DGL5032A   An invalid attribute name was specified.

Explanation: The attribute specified for the user ID is not valid.

User response: Check the attribute used for the user ID in the LDAP server to make sure that it matches the one specified in the LDAP configuration. For example, if the LDAP user ID is `cn=bob`, then the attribute is cn. For the LDAP user ID `uid=bob`, the attribute is uid.

Source: Java or C++ APIs

DGL5033A   Invalid syntax.

Explanation: The query sent to the LDAP server had an unrecognized syntax.

User response: Check all LDAP configuration parameters specified when LDAP was configured.

Source: Java or C++ APIs

DGL5034A   No such object. Possible invalid distinguished name specified.

Explanation: The LDAP server could not locate the object, usually related to the user being authenticated.

User response: Check the Base Distinguished Name (DN) specified in the LDAP server configuration and other LDAP server parameters.

Source: Java or C++ APIs

DGL5035A   Invalid distinguished name syntax.

Explanation: The LDAP server does not recognize the Distinguished Name (DN) of the user.

User response: Check the Base Distinguished Name specified in the LDAP server configuration.

Source: Java or C++ APIs

DGL5036A   Inappropriate authentication.

Explanation: The required information related to the authentication mechanism specified was not located.

User response: Check the LDAP server configuration.

Source: Java or C++ APIs

DGL5037A   Invalid credentials. Check user name and password.

Explanation: The user name or password does not match the one in the LDAP server.

User response: Check the spelling and capitalization of the user name and password.

Source: Java or C++ APIs

DGL5038A   User ID has insufficient privileges to the LDAP server.

Explanation: The user ID does not have sufficient rights in the LDAP server.

User response: Check the access control information in the LDAP server for the specified user ID.

Source: Java or C++ APIs

DGL5039A   LDAP server busy.

Explanation: The LDAP server cannot service the request at this time.

User response: Check the LDAP server limitations.

Source: Java or C++ APIs

DGL5040A   LDAP server unavailable.

Explanation: The LDAP server cannot be contacted.

User response: Check if the LDAP server is up and running.

Source: Java or C++ APIs

DGL5041A   LDAP server down.

Explanation: The LDAP server cannot be contacted.

User response: Check if the LDAP server is up and running.

Source: Java or C++ APIs

DGL5042A   Unknown authentication method.

Explanation: The LDAP server did not recognize the authentication method or mechanism specified.

User response: Check the authentication method specified in the LDAP server configuration properties. Also make sure that the LDAP server supports that authentication method.

Source: Java or C++ APIs

DGL5043A   This type or value already exists.

Explanation: The information being added to the LDAP server is a duplicate of an existing value.

User response: Check the information for possible duplicate values.

Source: Java or C++ APIs

DGL5044A   Unknown LDAP error.

Explanation: An unexpected error occurred when communicating with the LDAP server.

User response: Look in the text of the error message for information related to this error.

Source: Java or C++ APIs

DGL5045A   LDAP: Unknown host error.

Explanation: The LDAP server host name specified cannot be contacted.

User response: Check if the LDAP server host name specified is valid and accessible.

Source: Java or C++ APIs

DGL5046A   The IBM Content Manager document model does not support the semantic type or item type property specified. Use option constants DK_CM_DOCUMENT or DK_CM_FOLDER. The option value

specified was invalid:

Explanation: You used an item type that has the classification of document model, but the specified option is not a valid one when used with this item type classification. Valid options for this classification can include `DKConstant.DK_CM_DOCUMENT` and `DK_CM_FOLDER`.

User response: Use an option that is valid when used with this item type classification, such as `DKConstant.DK_CM_DOCUMENT` or `DK_CM_FOLDER`.

Source: Java or C++ APIs

DGL5047A **The folder is not a valid folder of the IBM Content Manager document model. The CM_DK_Folder attribute cannot be found, possibly due to incorrectly specifying the document model folder on DDO creation.**

Explanation: The `DK_CM_DKFolder` attribute was not found in the DDO.

User response: Create a valid folder containing the `DK_CM_DKFOLDER` attribute, which holds a DKFolder collection.

Source: Java or C++ APIs

DGL5048A **The operation you attempted is not allowed in a transaction. Try the action again after the transaction is committed or rolled back.**

Explanation: You tried an operation that is not allowed in a transaction.

User response: Try the action again after the transaction is committed or rolled back.

Source: Java or C++ APIs

DGL5050A **SQL error executing query. XQPE query: [*nnn*] . Return code: [*nnn*] . Reason code: [*nnn*] . Extended return code: [*nnn*] . Extended reason code: [*nnn*] .**

Explanation: An invalid query string was used in the query.

User response: Check your query string syntax and correct the syntax. See your IBM service representative, or see the appropriate database manual for information about the return codes.

Source: Java or C++ APIs

DGL5051A **Invalid binding of the access control list in system control table.**

Explanation: An internal error occurred binding the access control list to the system control table.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code. See your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL5052A **Operand type mismatch in a query string. An operation was attempted between two operands of incompatible types. XQPE query: [*nnn*] . Return code: [*nnn*] . Reason code: [*nnn*] . Extended return code: [*nnn*] . Extended reason code: [*nnn*] .**

Explanation: For example, this query "`/Journal[@Title = 5 ]`" is invalid because Title is a string attribute being compared to a numeric value.

User response: Correct the query string to use the correct type operands. For example, "`/Journal[@Title = \"5\" ]`". Record the return codes and see your IBM service representative.

Source: Java or C++ APIs

DGL5053A **Unexpected return code from server. XQPE query: [*nnn*] . Return code: [*nnn*] . Reason code: [*nnn*] . Extended return code: [*nnn*] . Extended reason code: [*nnn*] .**

Explanation: An unexpected error occurred while executing a query string.

User response: Check the query syntax and determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code. See your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL5054A **Error in function parameters in a query string. Either the wrong number of arguments or the wrong type of arguments were passed to a function such as contains-text(), contains-text-basic(), or one of SQL functions. XQPE query: [*nnn*] . Return code: [*nnn*] . Reason code: [*nnn*] . Extended return code: [*nnn*] . Extended reason code: [*nnn*] .**

Explanation: For example, a query "`/Journal[contains-text(5, \" 'XML' \")=1 ] `" is invalid because the first argument to the text search function should be an attribute, not a literal.

User response: Correct the query string. For example, "`/Journal[contains-text(@Title, \" 'XML' \")=1 ]`". Record the return codes and see your IBM service representative.

Source: Java or C++ APIs

DGL5055A **A text search was attempted, but the text search service (TIE) has not been started. XQPE query: [*nnn*] . Return code: [*nnn*] . Reason code: [*nnn*] . Extended return code: [*nnn*] . Extended reason code: [*nnn*] .**

Explanation: Text indexes are needed by the system to prepare for and to perform text searches on attributes and component types. You must start the DB2 Text Information Extender to perform text searches.

User response: You can start DB2 Text Information Extender in the command line by entering `db2text start`. Record the return codes and see your IBM service representative.

Source: Java or C++ APIs

DGL5056A **Text search was attempted on a database that is not setup for text search. XQPE query: [*nnn*]. Return code: [*nnn*]. Reason code: [*nnn*]. Extended return code: [*nnn*]. Extended reason code: [*nnn*].**

Explanation: You must activate the database for text search.

User response: You can activate the database for DB2 Text Information Extender in the command line by entering `db2text enable database for text connect to [database name]`. Record the return codes and see your IBM service representative.

Source: Java or C++ APIs

DGL5057A **Text search was attempted on an attribute or item type that is not enabled for text search. XQPE query: [*nnn*] . Return code: [*nnn*] . Reason code: [*nnn*] . Extended return code: [*nnn*] . Extended reason code: [*nnn*] .**

Explanation: This attribute or item type is not enabled for text search.

User response: Either enable the attribute or item type for text search, or change the query string. Record the return codes and see your IBM service representative.

Source: Java or C++ APIs

DGL5058A **Unable to regenerate access module.**

Explanation: Cannot create an item type while generating the access code and shared library in support of this item type. Files with suffix TX1, TX2, and TX3 in `%ICMROOT%\%DBNAME%\DLL` contain errors from attempting to build the access module.

User response: For Windows, make sure that the compiler PATH, LIBPATH, and INCLUDE environment

variables are set up properly. For AIX or Solaris, make sure that these environment variables are set up for the DB2 instance that the server is running under.

Source: Java or C++ APIs

DGL5059A **An item with the item ID was not found on the server.**

Explanation: The system cannot find an item with this item ID.

User response: Try a different server or make sure that the correct item ID is specified.

Source: Java or C++ APIs

DGL5060A **An item with the version ID was not found on the server.**

Explanation: The system cannot find an item with this version ID.

User response: Try a different server or version, or make sure that the correct version ID is specified.

Source: Java or C++ APIs

DGL5061A **An error occurred when updating item with item ID [*nnn*] component ID [*nnn*] version ID [*nnn*] and item type [*nnn*] . The library server returned return code [*nnn*] reason code [*nnn*] extended return code [*nnn*] and extended reason code [*nnn*] .**

Explanation: An error occurred while updating this item.

User response: Use the IBM Content Manager return code utility for more information about return codes from the library server. Record the return codes and contact your IBM service representative.

Source: Java or C++ APIs

DGL5062A **An error occurred when retrieving item with item ID [*nnn*] component ID [*nnn*] version ID [*nnn*] and item type [*nnn*] . The library server returned return code [*nnn*] reason code [*nnn*] extended return code [*nnn*] and extended reason code [*nnn*] .**

Explanation: An error occurred while retrieving this item.

User response: Use the IBM Content Manager return code utility for more information about return codes from the library server. Record the return codes and see your IBM service representative.

Source: Java or C++ APIs

DGL5063A   **An error occurred when deleting item with item ID [*nnn*] component ID [*nnn*] version ID [*nnn*] and item type [*nnn*] . The library server returned return code [*nnn*] reason code [*nnn*] extended return code [*nnn*] and extended reason code [*nnn*] .**

Explanation: An error occurred while deleting this item.

User response: Use the IBM Content Manager return code utility for more information about return codes from the library server. Record the return codes and see your IBM service representative.

Source: Java or C++ APIs

DGL5064A   **The item was not created on the server. The library server returned return code [*nnn*] reason code [*nnn*] extended return code [*nnn*] and extended reason code [*nnn*].**

Explanation: No further explanation can be given.

User response: Use the IBM Content Manager return code utility for more information about return codes from the library server. Record the return codes and contact your IBM service representative.

Source: Java or C++ APIs

DGL5065A   **An error occurred when updating item with item ID [*nnn*] , component ID [*nnn*] , version ID [*nnn*] , and item type [*nnn*] . The library server returned return code [*nnn*] , reason code [*nnn*] , extended return code [*nnn*] , and extended reason code [*nnn*] .**

Explanation: The data type of the attribute defined during attribute creation did not match the type in the DDO.

User response: Change the data type of the attribute in the instance to be of the same data type present in the definition and try the operation again.

Source: Java or C++ APIs

DGL5100A   **This workflow user does not exist.**

Explanation: This advanced workflow user is not in the database.

User response: Add this advanced workflow user to the database.

Source: Java or C++ APIs

DGL5101A   **This workflow user already exists.**

Explanation: An error occurred because this advanced workflow user already exists in the database.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL5102A   **This workflow role does not exist.**

Explanation: This advanced workflow role is not in the database.

User response: Add this advanced workflow role to the database.

Source: Java or C++ APIs

DGL5103A   **This workflow user already exists.**

Explanation: An error occurred because this advanced workflow role already exists in the database.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL5104A   **Workflow service not available.**

Explanation: An error occurred because this advanced workflow service is not available.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL5105A   **Workflow service is not connected.**

Explanation: An error occurred because this advanced workflow service is not connected.

User response: Make sure the advanced workflow server is up and running, and see your IBM service representative.

Source: Java or C++ APIs

DGL5106A   **Item is in load pending state and no other action can be performed against this item.**

Explanation: The system has not completed loading this resource item. Further action on this resource item cannot be done until the system completes loading the item.

User response: Wait for the item load to complete and then retry the operation.

Source: Java or C++ APIs

DGL5107A **Failed to open connection to resource manager.**

Explanation: The resource manager cannot be contacted.

User response: Check that the configuration for the resource manager is accurate, and that the resource manager is up and running.

Source: Java or C++ APIs

DGL5110A **You are trying to update an item type property that cannot be updated.**

Explanation: This system is not allowing this item type property to be updated. You might not have sufficient privileges.

User response: Do not try to update this item type property, or see your system administrator to change your privileges.

Source: Java or C++ APIs

DGL5111A **You are trying to update an attribute property that cannot be updated.**

Explanation: This system is not allowing this attribute property to be updated. You might not have sufficient privileges.

User response: Do not try to update this attribute property, or see your system administrator to change your privileges.

Source: Java or C++ APIs

DGL5115A **No attributes or attribute groups are defined in the component type view. The component type view is not a valid one. A valid component type view definition needs to contain information of attributes or attribute groups.**

Explanation: This component type view does not contain attributes or attribute groups.

User response: Define attributes or attribute groups for this component type view.

Source: Java or C++ APIs

DGL5120A **Float data type is not supported in library server.**

Explanation: The IBM Content Manager library server does not support the float data type.

User response: Do not use a float data type.

Source: Java or C++ APIs

DGL5121A **The data or attribute type that you have defined is not supported by the library server.**

Explanation: You defined a data or attribute type that the IBM Content Manager library server does not support.

User response: Define a valid data type; valid data types include:
- Character
- Variable character
- Short integer
- Long integer
- Decimal
- Double
- Date
- Time
- Time stamp
- BLOB
- CLOB

Source: Java or C++ APIs

DGL5122A **Error occurred while listing users of a user group.**

Explanation: An error occurred while listing users from the given user group.

User response: Use additional error information returned, such as error message, error state, and error code, in conjunction with the library server log, to help determine the source of the problem.

Source: Java or C++ APIs

DGL5123A **Error occurred while listing user groups for a particular user.**

Explanation: An error occurred while listing user groups for a particular user.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL5124A **User group is in use.**

Explanation: This user group is being used by another object.

User response: Make sure that the user group is not in use by another object.

Source: Java or C++ APIs

DGL5130A   **You cannot project attributes on component because parent component [*nnn*] does not have projected attributes.**

Explanation: You cannot perform a retrieve with projections. When you project a child component, you must project the attributes of its parents up to the level of component retrieval.

User response: Verify that the child component has parent components and that these components have projected attributes up to the level of component retrieval.

Source: Java or C++ APIs

DGL5131A   **Projected attribute [*nnn*] does not exist in component [*nnn*] .**

Explanation: You tried to project an attribute that does not exist in this component.

User response: Verify that the attribute exists in the component definition in the library server.

Source: Java or C++ APIs

DGL5132A   **Adding or deleting links failed. Library server detects an invalid parameter in the linking operation.**

Explanation: The library server failed performing the adding or deleting links operation, because it detected an invalid parameter in the linking operation.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code. Make sure that valid links are being used.

Source: Java or C++ APIs

DGL5133A   **Adding or deleting links failed. Library server detected an unexpected SQL error.**

Explanation: The library server failed performing the adding or deleting links operation because it detected an unexpected SQL error.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code. Make sure that valid links are being used. See the appropriate database manual for more information about return codes.

Source: Java or C++ APIs

DGL5134A   **Adding or deleting links failed. Library server detected an invalid link type code. This might have resulted from an invalid link type name.**

Explanation: The library server failed performing the adding or deleting links operation because it detected an invalid link type code. This might result from an invalid link type name.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code. Make sure that valid links are being used.

Source: Java or C++ APIs

DGL5135A   **Adding or deleting links failed. Library server detects an invalid action (link, unlink, and so forth).**

Explanation: The library server failed performing the adding or deleting links operation because it detected an invalid action (link, unlink, and so forth).

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code. Make sure that valid links are being used.

Source: Java or C++ APIs

DGL5136A   **Retrieve links failed. Library server detects an invalid parameter in the link retrieval operation.**

Explanation: The library server failed performing the retrieve links operation, because it detected an invalid parameter in the link retrieval operation.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code. Make sure that valid links are being used.

Source: Java or C++ APIs

DGL5137A   **Retrieve links failed. Library server reported memory allocation error.**

Explanation: The library server failed performing the retrieve links operation be cause it detected an allocation error.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code. Make sure that valid links are being used.

Source: Java or C++ APIs

DGL5138A **Retrieve links failed. Library server detected an unexpected SQL error.**

Explanation: The library server failed performing the retrieve links operation because it detected an unexpected SQL error.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code. Make sure that valid links are being used. See the appropriate database manual for more information about return codes.

Source: Java or C++ APIs

DGL5139A **Link source DDO is not a root component. Links can only exist between root components.**

Explanation: The link source DDO is not a root component. Links can only exist between root components.

User response: Change the source DDO of the link to point to a root component.

Source: Java or C++ APIs

DGL5140A **Link target DDO is not a root component. Links can only exist between root components.**

Explanation: The link target DDO is not a root component. Links can only exist between root components.

User response: Change the target DDO of the link to point to a root component.

Source: Java or C++ APIs

DGL5141A **Link source DDO is not set. Value is NULL. A valid source DDO must be specified.**

Explanation: The value in the link source DDO is NULL.

User response: Specify a valid link source DDO.

Source: Java or C++ APIs

DGL5142A **Link target DDO is not set. Value is null. A valid target DDO must be specified.**

Explanation: The value in the link target DDO is null.

User response: Specify a valid link target DDO.

Source: Java or C++ APIs

DGL5143A **Link source and target are the same item. An item cannot link to itself and a folder cannot contain itself.**

Explanation: Link source and target are the same item. An item cannot link to itself and a folder cannot contain itself.

User response: Change the source or target DDO to reference different items.

Source: Java or C++ APIs

DGL5144A **Link type name was not specified. Value was NULL or an empty string.**

Explanation: Link type name was not specified. Value was NULL or an empty string.

User response: Specify a link type name.

Source: Java or C++ APIs

DGL5145A **An object containing the DKFolder attribute must be of semantic type folder. Link type DKFolder was found and source is not of semantic type folder. With DKFolder attribute and link type, the source must be a folder.**

Explanation: An object containing the DKFolder attribute must be of a semantic type folder. A link type DKFolder was found but the source is not of semantic type folder. With the DKFolder attribute and link type, the source must be a folder.

User response: When using the DKFolder attribute or link type, the source must be of a semantic type folder. Either make the source a semantic type folder or do not use a non-folder source item when using the DKFolder attribute or link type.

Source: Java or C++ APIs

DGL5146A **You cannot remove a link or folder relationship that does not exist.**

Explanation: The library server received a request to delete one or more link or folder relationships. One or more of the removed relationships does not currently exist in the server. It was either already deleted or never created.

User response: If you are deleting only a single link or folder relationship, refresh (retrieve again) your current link and folder relationships. Then continue working because the wanted outcome has already taken place (the deleted link no longer exists). If you are deleting multiple links or folder relationships, refresh your current link relationships. Then repeat your attempt to delete link or folder relationships with the remaining relationships.

Source: Java or C++ APIs

DGL5160A   **Open connection to resource manager failed.**

Explanation: The process cannot open a https connection to a resource manager. The runtime environment of the client might not be set up correctly for establishing a https session.

User response: Make sure that the Java Security runtime environment of the client has met the requirements of the version of that is currently running.

Source: Java or C++ APIs

DGL5161A   **A connection to the resource manager has failed.**

Explanation: The resource manager is no longer available, typically due to a deployment or configuration problem.

User response: Make sure the host name or IP address of the target resource manager is specified correctly, and that the resource manager is up and running. For additional help see Troubleshooting resource manager installation.

Source: Java or C++ APIs

DGL5162A   **A System Managed Storage (SMS) request to the resource manager failed. The following error message was returned: [*nnn*].**

Explanation: An SMS request to a resource manager failed.

User response: Look up the returned error message in the IBM Content Manager: Messages and Codes, SC27-1349 manual, correct the error and try again.

Source: Java or C++ APIs

DGL5163A   **Failed to get response code from the connected session.**

Explanation: An SMS request was sent to a resource manager, but the response code of the returned message from the resource manager cannot be retrieved.

User response: See the error log file of the http server to determine the return code that is sent to the client by the resource manager. Correct any errors that might be causing the problem, and resend the request. If the problem persists, see your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL5164A   **Response from resource manager with an error: [*nnn*].**

Explanation: An error occurred after a resource manager request was sent. The explanation and your response depends on which error message is returned.

User response: If "DGL5164A: Problems connecting to WebSphere Application Server 5" was returned, see Problems connecting to WebSphere Application Server 5. If "DGL5164A: Response from resource manager with error: 'Not Found'" was returned, see Response from resource manager with error: 'Not Found'.

Source: Java or C++ APIs

DGL5165A   **Resource manager administrative logon or credential refresh required.**

Explanation: A previous logon to a resource manager failed, or the credential from the last logon expired.

User response: If a previous logon did not occur, then you need to log on to a resource manager to have an SMS session. If this is not the case, you need to log on again to the resource manager to receive a new credential in order to keep the SMS session up.

Source: Java or C++ APIs

DGL5166A   **Invalid server type [*nnn*] specified.**

Explanation: The string specified for the server type is invalid.

User response: Correct your program by using server types with a prefix such as SMS_SERVER_TYPE_. See the *Application Programming Reference* SC27-1348 for information about the use of these types. Try the operation again.

Source: Java or C++ APIs

DGL5167A   **Invalid media type [*nnn*] specified.**

Explanation: The string specified for the media type of the storage system is invalid.

User response: Correct your program by using media types with a prefix such as SMS_MEDIA_TYPE_ . See the*Application Programming Reference*, SC27-1348, for information about the use of these types. Try the operation again.

Source: Java or C++ APIs

DGL5168A   **Invalid server protocol [*nnn*] specified.**

Explanation: The string specified for the communication protocol is invalid.

User response: Correct your program by using communication protocols with a prefix such as SMS_SERVER_PROTOCOL_. See the *Application Programming Reference*, SC27-1348 or information about the use of

these types. Try the operation again.

Source: Java or C++ APIs

DGL5175A   Need to specify a name for the system managed server (SMS) object before sending the request to resource manager.

Explanation: You need to provide a name for requests such as create, retrieve, update, or delete to a resource manager for a specific SMS object or entity.

User response: Provide a valid name of the target SMS object or entity that you want to access.

Source: Java or C++ APIs

DGL5176A   Value(s) for time or day is out of range.

Explanation: The value(s) specified for time or day in the schedule or cycle setting for a resource manager might be out of the expected range.

User response: Valid values are listed below:
- Hour: 0 - 24
- Minutes: 0 - 59
- Day: 0 - 7

Source: Java or C++ APIs

DGL5177A   No access data specified for resource manager.

Explanation: In order to define a new resource manager in the library server, you need to specify the access data of the resource manager. In this case, the access data means a defined servlet path on a resource manager to start SMS processes.

User response: Specify a valid access data and try again.

Source: Java or C++ APIs

DGL5178A   No target or invalid resource manager object specified.

Explanation: Either a resource manager was not specified or the object specified is invalid. The logon process cannot proceed.

User response: Make sure that the name specified for a target resource manager is valid and defined in library server. Retry the logon.

Source: Java or C++ APIs

DGL5179A   No user ID specified for logging on to resource manager.

Explanation: To log on to a resource manager, you must provide a valid user ID.

User response: Specify a valid user ID before logging on to a resource manager.

Source: Java or C++ APIs

DGL5180A   No password specified for logging on to resource manager.

Explanation: To log on to a resource manager, you must provide a valid password for the user ID specified.

User response: Specify a valid password for the user ID before logging on to a resource manager.

Source: Java or C++ APIs

DGL5181A   High threshold %1 is less than low threshold %2.

Explanation: The value specified for the high threshold is less than the low threshold.

User response: Ensure that the high threshold is not less than the low threshold.

Source: Java or C++ APIs

DGL5182A   High threshold %1 is out of range.

Explanation: The value specified for the high threshold might be out of the expected range.

User response: Ensure that the value for the high threshold is between 1 and 100.

Source: Java or C++ APIs

DGL5183A   Low threshold %1 is less than the allowed value.

Explanation: The value specified for the low threshold is less than the allowed value.

User response: Ensure that the low threshold is not less than 0.

Source: Java and C++ APIs.

DGL5190A   Attribute group cannot be updated.

Explanation: An error occurred while updating an attribute group.

User response: Make sure the attribute group that you want to update is not being used by the other object. For example, if this attribute group has been added to an item type, then you cannot update this attribute group.

Source: Java or C++ APIs

DGL5191A   Attribute group cannot be deleted.

Explanation: You cannot delete this attribute group because it is associated with other objects, such as a component type.

User response: Remove the reference to this attribute group, and then delete the attribute group.

Source: Java or C++ APIs

DGL5192A   Attribute cannot be updated.

Explanation: You cannot update this attribute because it is associated with other objects.

User response: Do not update this attribute.

Source: Java or C++ APIs

DGL5193A   Attribute cannot be deleted.

Explanation: You cannot delete this attribute because it is associated with other objects.

User response: Do not delete this attribute.

Source: Java or C++ APIs

DGL5194A   The get method is not a supported. Use the retrieve method instead.

Explanation: Cache is set off, so you cannot use the get method. Cache is a flag that can be set on or off when you define a data store. When cache is set on, you can get objects from the data store and store them in the cache temporarily. When cache is set off, you must retrieve objects directly from the data store.

User response: Use the retrieve method.

Source: Java or C++ APIs

DGL5195A   The maximum row and record sizes for a table were exceeded.

Explanation: The row lengths in the table in the database are too large.

User response: Use valid row lengths for the following table spaces in the database:
- 4 K page size: 4005 bytes
- 8 K page size: 8101 bytes
- 16 K page size: 16293 bytes
- 32 K page size: 32677 bytes

The length of the row is calculated by adding the internal lengths of the columns.

Source: Java or C++ APIs

DGL5196A   Only string data type can be defined as text searchable.

Explanation: You can only define a string data type as text searchable. A string data type is a char or varchar attribute data type.

User response: Define only a char or varchar attribute data type as text searchable.

Source: Java or C++ APIs

DGL5200A   Error defining or changing text index on component type [*nnn*]. Text search return code [*nnn*].

Explanation: Either the component type itself, or an attribute in it, is enabled for text search, requiring a text index to be defined or updated.

User response: See the appropriate Text Information Extender or Net Search Extender documentation for more information about the return code.

Source: Java or C++ APIs

DGL5201A   The password was not set for the user ID used to administer text indexes.

Explanation: For this user ID, you entered a password that was not set.

User response: Set the password for the user ID that you want to use to administer text indexes with DB2 Text Information Extender.

Source: Java or C++ APIs

DGL5202A   The password has expired for the user ID used to administer text indexes.

Explanation: The password for this user ID has expired.

User response: Reset the password for the user ID that you want to use to administer text indexes with DB2 Text Information Extender.

Source: Java or C++ APIs

DGL5203A   The password is invalid for the user ID used to administer text indexes.

Explanation: You entered an invalid password for this user ID.

User response: Check the spelling and capitalization of the password. If necessary, reset the password for the user ID that you want to use to administer text indexes with DB2 Text Information Extender.

Source: Java or C++ APIs

DGL5204A **Invalid component type ID [*nnn*] specified for text index operation.**

Explanation: Text indexes are needed by the system to prepare for and to perform a text search on attributes and component types.

User response: Make sure that the specified component type exists in the system.

Source: Java or C++ APIs

DGL5205A **Error performing text index operation on component type [*nnn*] . Library server return code [*nnn*] ; extended return code [*nnn*] .**

Explanation: Text indexes are needed by the system to prepare for and to perform a text search on attributes and component types.

User response: See the appropriate DB2 Text Information Extender or DB2 Net Search Extender documentation for more information about the return code, or see your IBM service representative.

Source: Java or C++ APIs

DGL5206A **The database is not setup for text search.**

Explanation: No further explanation can be given.

User response: For DB2, issue `db2text enable database for text connect to` *database_name*.

Source: Java or C++ APIs

DGL5207A **Text search service has not been started.**

Explanation: Text indexes are needed by the system to prepare for and to perform text search on attributes and component types. You have to start the text search service for performing text search.

User response: For DB2, issue `db2text start`. For other databases, see the relevant text search documentation.

Source: Java or C++ APIs

DGL5210A **Replica rule already exists.**

Explanation: You tried to define a new replication rule to a resource manager collection, but this replication rule already exists for this resource manager collection.

User response: Choose a different collection for this replication rule.

Source: Java or C++ APIs

DGL5211A **Replica rule does not exists.**

Explanation: You tried to delete a replication rule for this resource manager collection, but this replication rule is not yet defined for this resource manager collection.

User response: Make sure that the replication rule is defined to this resource manager collection. If it is not yet defined, you can define it to this collection.

Source: Java or C++ APIs

DGL5212A **Error occurred while retrieving replica rule.**

Explanation: An error occurred while retrieving an existing replication rule from the resource manager collection, but the replication rule is already defined to this library server.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL5213A **Error occurred while adding replica rule.**

Explanation: An error occurred while adding an existing replication rule from the resource manager collection, but the replication rule is already defined to this library server.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL5214A **Error occurred while deleting replica rule.**

Explanation: An error occurred while deleting an existing replication rule to the resource manager collection, but the replication rule is already defined to this library server.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL5215A **Error occurred while listing replica rules.**

Explanation: An error occurred while listing an existing replication rule from the resource manager collection, but the replication rule is already defined to this library server.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

DGL5216A • DGL5226A

Source: Java or C++ APIs

DGL5216A   **Unable to delete replica because it is currently in use.**

Explanation: You tried to delete a replication rule for this resource manager collection, but this replication rule is currently in use.

User response: Make sure the replication rule is no longer in use.

Source: Java or C++ APIs

DGL5217A   **Time stamp cannot be null.**

Explanation: You specified a NULL time stamp value.

User response: Define a valid value for the time stamp.

Source: Java or C++ APIs

DGL5218A   **Attribute data is null but the attribute is defined as not nullable and has no default value.**

Explanation: A value was not specified for an attribute, but the definition for this attribute requires that a value is specified.

User response: Specify a value for the attribute.

Source: Java or C++ APIs

DGL5219A   **Attribute data is not the type integer.**

Explanation: The attribute is defined as an integer type, but the value or data for the attribute is not a valid integer object.

User response: Define a valid integer object for this attribute.

Source: Java or C++ APIs

DGL5220A   **Attribute data is not of the type short.**

Explanation: The attribute is defined as a short type, but the value or data for the attribute is not a valid short object.

User response: Define a valid short object for this attribute.

Source: Java or C++ APIs

DGL5221A   **Attribute data is not of the type float.**

Explanation: The attribute is defined as float type, but the value or data for the attribute is not a valid float object.

User response: Define a valid float object for this attribute.

Source: Java or C++ APIs

DGL5222A   **Attribute data is not of the type decimal.**

Explanation: The attribute is defined as decimal type, but the value or data for the attribute is not a valid decimal object.

User response: Define a valid decimal object for this attribute.

Source: Java or C++ APIs

DGL5223A   **Attribute data is not of the type double.**

Explanation: The attribute is defined as double type, but the value or data for the attribute is not a valid double object.

User response: Define a valid double object for this attribute.

Source: Java or C++ APIs

DGL5224A   **Attribute data is not of the correct type of date.**

Explanation: The attribute is defined as date type, but the value or data for the attribute is not a valid date object.

User response: Define a valid date object for this attribute.

Source: Java or C++ APIs

DGL5225A   **Attribute data is not of the correct type time.**

Explanation: The attribute is defined as time type, but the value or data for the attribute is not a valid time object.

User response: Define a valid time object for this attribute.

Source: Java or C++ APIs

DGL5226A   **Attribute data is not of the type timestamp.**

Explanation: The attribute is defined as timestamp type, but the value or data for the attribute is not a valid timestamp object.

User response: Define a valid timestamp object for this attribute.

Source: Java or C++ APIs

DGL5227A   Attribute data is not of the type binary.

Explanation: The attribute is defined as binary type, but the value or data for the attribute is not a valid binary object.

User response: Define a valid binary object for this attribute.

Source: Java or C++ APIs

DGL5228A   Attribute data is not of the type string.

Explanation: The attribute is defined as string type, but the value or data for the attribute is not a valid string object.

User response: Define a valid string object for this attribute.

Source: Java or C++ APIs

DGL5229A   Component [*nnn*] is not in DKChildCollection of component [*nnn*] .

Explanation: The child collection is equal to null or is not of type DKChildCollection.

User response: Make sure that the child collection is not null and is of type DKChildCollection.

Source: Java or C++ APIs

DGL5230A   Cardinality of child components is over the range specified by the acceptable minimum and maximum number of child components.

Explanation: The number of child components is either less than the minimum number of child components you specified or greater than the maximum number of child components you specified.

User response: Specify a number of child components that is within the range between the minimum and maximum numbers of child components you specified.

Source: Java or C++ APIs

DGL5231A   Cardinality and number of component IDs do not match in the child component collection.

Explanation: An internal error occurred.

User response: Record the return code and see your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL5232A   Object name [*nnn*] in DDO does not match with object name [*nnn*] in item type.

Explanation: The DDO present in the child collection has a different object name from other DDOs in that collection.

User response: Make sure that all DDOs are of the same type.

Source: Java or C++ APIs

DGL5233A   Object name [*nnn*] is a component type name, but an item type name was expected.

Explanation: The object name should be an item type name instead of a component type name.

User response: Specify an item type name for this object.

Source: Java or C++ APIs

DGL5234A   The object name [*nnn*] is not a valid item type and is not a valid component type name. A valid item type name was expected.

Explanation: The object name must be a valid item type name.

User response: Specify a valid item type name for the object.

Source: Java or C++ APIs

DGL5235A   Component [*nnn*] being retrieved is not listed in the projection list.

Explanation: You tried to retrieve a component with projections, but you failed to include the component being retrieved in the projection list.

User response: Verify that the projection list includes the component being retrieved together with all other necessary components.

Source: Java or C++ APIs

DGL5236A   Projection list contains two different paths to component [*nnn*] .

Explanation: You passed in a projection list where a component has multiple projected attributes. There are two attribute projections for the same component; these two projections have different paths from the root to the specific component (For example, "Article/Section/Title" and "Journal/Section/ Address, Journal != Article").

User response: Verify all projection strings.

Source: Java or C++ APIs

DGL5237A   **The size of the attribute [*nnn*] specified [*nnn*] is greater than the size specified [*nnn*] in the item type definition.**

Explanation: At the time you created the item type, you defined a size for the attribute, but the size was exceeded during the creation of the instance.

User response: Reduce the size of the attribute and try the operation again.

Source: Java or C++ APIs

DGL5238A   **The component IDs of the items in the collection cannot be retrieved as the collection had zero size.**

Explanation: You have attempted to retrieve component IDs in a collection with no item in it.

User response: You should have at least one item in the collection.

Source: Java or C++ APIs

DGL5239A   **At a minimum, you must set either the sysAttrs or the userAttrs option.**

Explanation: You have not set either the system attributes or the user attributes option.

User response: Set the system attributes or user attributes option.

Source: Java or C++ APIs

DGL5240A   **Cannot perform retrieve operation against a NULL DDO.**

Explanation: The DDO was NULL, so the retrieve operation failed.

User response: Correct your program to retrieve a valid DDO.

Source: Java or C++ APIs

DGL5241A   **Object type is not set in PID.**

Explanation: A valid persistent ID should contain an object type name.

User response: Set the object type in the PID and retry the operation.

Source: Java or C++ APIs

DGL5242A   **Internal error occurred. On update, the library server reported that a DDO of component type ID [*nnn*] is to be stored in the library server. However, the component type ID of the DDO sent to the library server for this update operation is [*nnn*] , not [*nnn*] .**

Explanation: An internal error occurred.

User response: Record the information in the error log file and see your IBM service representative.

Source: Java or C++ APIs

DGL5243A   **The component ID cannot be retrieved against a null DDO.**

Explanation: The component ID in the DDO is NULL and cannot be retrieved.

User response: Correct the component ID in your program.

Source: Java or C++ APIs

DGL5244A   **Privilege name cannot be NULL.**

Explanation: A privilege name cannot be NULL.

User response: Define a privilege name.

Source: Java or C++ APIs

DGL5245A   **Property ID is NULL.**

Explanation: A property name cannot be NULL.

User response: Define a property ID.

Source: Java or C++ APIs

DGL5246A   **AttrGroup member name cannot be NULL.**

Explanation: An attribute group member name cannot be NULL.

User response: Define an attribute group member name.

Source: Java or C++ APIs

DGL5247A   **Child collection cardinality is not within the minimum and maximum cardinality specified in the component type definition.**

Explanation: The number of child components is either less than the minimum number of child components you have specified or greater than the maximum number of child components you have specified.

User response: Specify a number of child components that is within the range between the minimum and maximum numbers of child components you have specified.

Source: Java or C++ APIs

DGL5248A **The existing primary/foreign-key constraint already has reference to a target external table. Cannot add a new target external table (as the primary key) into this established primary/foreign-key constraint.**

Explanation: Each foreign key can have only one target external table, but you tried to add another target external table to this foreign key.

User response: Do not add another target external table to this foreign key.

Source: Java or C++ APIs

DGL5249A **The existing primary/foreign-key constraint already has reference to a target component type. Cannot add a new target component type (as the primary key) into this established primary/foreign-key constraint.**

Explanation: Each foreign key can have only one target component type, but you tried to add another target component type to this foreign key.

User response: Do not add another target component type to this foreign key.

Source: Java or C++ APIs

DGL5250A **This is not a valid SMSCollection.**

Explanation: This collection does not exist in the library server.

User response: Set the valid collection that exists in the library server.

Source: Java or C++ APIs

DGL5251A **Feature is not supported.**

Explanation: The feature that you specified is not supported.

User response: Record the return code from the error log file and contact your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL5252A **I/O error.**

Explanation: An internal error occurred.

User response: See your IBM service representative.

Source: Java or C++ APIs

DGL5253A **Text search string is empty.**

Explanation: An empty string was supplied to a query for text search purposes.

User response: Supply one or more text search terms inside the text search string.

Source: Java or C++ APIs

DGL5254A **This domain cannot be deleted because it contains at least one object. Move the object(s) to other domain(s).**

Explanation: You tried to delete a domain with at least one object in it. You can only delete a domain when it does not contain any object.

User response: Move the object(s) to other domain(s) and retry the operation.

Source: Java or C++ APIs

DGL5255A **A user name was not specified.**

Explanation: You must specify a user name.

User response: Specify a user name.

Source: Java or C++ APIs

DGL5256A **PLinkCRUDICM link retrieval for link item should have found exactly one DDO in query to library server for each link item. Number of results of search [*nnn*]. Number of link items queried [*nnn*].**

Explanation: The retrieval of links with link items found an inconsistent number of items using a query compared to the number returned by library server.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL5257A **Updating of auto-links failed: [*nnn*].**

Explanation: The system failed to update the auto-links.

User response: Determine the source of the problem by noting the additional error information returned, such as the error message, error state, and error code.

Source: Java or C++ APIs

DGL5258A **Cannot delete this item type because there exist items of this item type.**

Explanation: You have attempted to delete an item type that is in use.

User response: Delete all the items of this item type

and then try this operation again.

DGL5259A   The user ID [*nnn*] used to connect to the server database is not authorized to perform the attempted database operation.

Explanation: The user ID used to connect to the database is not authorized to complete the operation, because it was not configured properly for this action.

User response: See your system administrator to ensure that the user ID used to connect to the database is properly configured. This error might also be caused by a corrupted `cmbicmenv.ini` file. See the server trace log for details.

Source: Java or C++ APIs

DGL5260A   The user token [*nnn*] sent to the server was invalid.

Explanation: The user token generated during logon was corrupted.

User response: See the error log for error and tracing information, record the return code, and see your system administrator.

Source: Java or C++ APIs

DGL5261A   The text search component of your database must be installed to perform text search operations.

Explanation: You tried to create a text index, but a text search component was not installed on the server.

User response: Install a text search component on the library server. See *Planning and Installing Your Content Management System* for information about how to install text search components.

Source: Java or C++ APIs

DGL5262A   An invalid action was attempted in the executeWithCallback() thread. No OO API calls are valid from the executeWithCallback() thread.

Explanation: You tried to call a data store method by using `dataCallback()` method in a callback object. Data store calls are not valid from the callback object.

User response: Change the application code that implements the callback object so that it does not attempt calls to the data store.

Source: Java or C++ APIs

DGL5263A   Invalid syntax of the query string [*nnn*] .

Explanation: The syntax of the supplied query string does not conform to the supported specification.

User response: See the *Application Programming Guide*, SC27-1347, for grammar, syntax, proper usage, and examples of the query language.

Source: Java or C++ APIs

DGL5264A   An error occurred while parsing the query string [*nnn*] .

Explanation: The processing of the supplied query string was unsuccessful most likely because the syntax of the query string is incorrect.

User response: See the *Application Programming Guide*, SC27-1347, for query grammar, syntax, proper usage, and examples of the query language.

Source: Java or C++ APIs

DGL5265A   A query string cannot be empty or NULL.

Explanation: An empty or NULL query string is invalid.

User response: Make sure that the query string that you attempt to execute is valid. For example, "`/Journal[@NumPag es > 50 ]`".

Source: Java or C++ APIs

DGL5266A   The ESCAPE clause *%1* is not valid with operator *%2*.

Explanation: An escape expression can only be given with the `LIKE` operator.

User response: Correct the query string. See the *Application Programming Guide* SC27-1347 for query grammar, syntax, proper usage, and examples.

Source: Java or C++ APIs

DGL5267A   The value *%1* for ESCAPE clause is not valid.

Explanation: An escape clause must be a single character no more than two bytes in length, and can only be used in the pattern string if it is followed by itself, the percent sign, or a underscore.

User response: Correct the query string. See the *Application Programming Reference*, SC27-1347, for query grammar, syntax, proper usage, and examples.

Source: Java or C++ APIs

DGL5268A   **DKCQExpr combined query expression is NULL.**

Explanation: The whole combined query expression commonly used with Federated queries is not set.

User response: Verify that the combined query expression is properly constructed and passed in.

Source: Java or C++ APIs

DGL5269A   **Invalid DKQTerm: text search value is NULL in a text search expression.**

Explanation: Text search cannot be performed if the value to be searched on is NULL.

User response: Set the string term to contain the text search condition for this query term.

Source: Java or C++ APIs

DGL5270A   **Internal error related to processing backward traversal of references in query.**

Explanation: An internal error occurred.

User response: See your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL5271A   **Improper usage of backward traversal of references in query.**

Explanation: For example, "Book/REFERENCEDBY/ @REFERENCER = > Conference_Note " is a valid example of finding all conference notes that have reference attributes pointing to books.

User response: See the *Application Programming Guide* SC27-1347 for query grammar, syntax, proper usage, and examples.

Source: Java or C++ APIs

DGL5272A   **Internal error related to processing forward traversal of references in query.**

Explanation: An internal error occurred.

User response: See your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL5273A   **Improper usage of forward traversal of references in query.**

Explanation: An internal error occurred.

User response: See the *Application Programming Guide*, SC27-1347, for query grammar, syntax, proper usage, and examples.

Source: Java or C++ APIs

DGL5274A   **Invalid argument to the IN predicate in position *%1* in an ICM query. The IN predicate supports only literals as arguments.**

Explanation: For example, "/Book[@NumPages IN (23, 42)]" is a valid example of using the IN predicate. However, "/Book[@NumPages IN (23, 42, @VERSIONID)]" is not valid because @VERSIONID is an attribute, not a literal.

User response: Rewrite the query by taking the invalid argument out of the arguments to the IN predicate. Then add it as a separate predicate connected to the IN predicate with an OR operator. The query "/Book[@NumPages IN (23, 42, @VERSIONID)]" must be rewritten as "/Book[(@NumPages IN (23, 42)) OR (@NumPages = @VERSIONID)]".

Source: Java or C++ APIs

DGL5300A   **A system call was interrupted by the windows socket WSACancelBlockingCall call.**

Explanation: This message is caused by a Windows socket error. For more information, search for the socket error code that is returned with this message at http://msdn.microsoft.com/default.aspx. An example socket error code is WSAENOBUFS.

User response: Try the connection again.

Source: Java or C++ APIs

DGL5301A   **Invalid file descriptor. The file descriptor is no longer valid.**

Explanation: You used an invalid file descriptor.

User response: Correct the file descriptor to be valid. Check the communication status.

Source: Java or C++ APIs

DGL5302A   **Attempted to use broadcast address, but SO_BROADCAST is not enabled. You must create the socket with SO_BROADCAST-enabled.**

Explanation: An attempt was made to broadcast using a socket without the SO_BROADCAST parameter.

This message is caused by a Windows socket error, for more information, search for the socket error code that is returned with this message at http:// msdn.microsoft.com/default.aspx. An example socket error code is WSAENOBUFS.

User response: Create the socket with the SO_BROADCAST parameter.

Source: Java or C++ APIs

DGL5303A   Invalid address.

Explanation: The remote address is not usable.

User response: Make sure that the address (inetaddr) is valid.

Source: Java or C++ APIs

DGL5304A   Invalid argument.

Explanation: An argument provided for the socket call is invalid.

This message is caused by a Windows socket error, for more information, search for the socket error code that is returned with this message at http://msdn.microsoft.com/default.aspx. An example socket error code is WSAENOBUFS.

User response: Make sure that your settings are correct.

Source: Java or C++ APIs

DGL5305A   No more socket descriptors available. The system has reached its limit, and no more sockets can be requested. Close unused sockets and services.

Explanation: The system ran out of available sockets to use.

This message is caused by a Windows socket error. For more information, search for the socket error code that is returned with this message at http://msdn.microsoft.com/default.aspx. An example socket error code is WSAENOBUFS.

User response: Close any unused sockets to make more sockets available.

Source: Java or C++ APIs

DGL5306A   The operation of changing the socket from a nonblocking one to a blocking one cannot be concluded immediately.

Explanation: You cannot conclude your communication because another socket is blocking your communication attempt.

This message is caused by a Windows socket error, for more information, search for the socket error code that is returned with this message at http://msdn.microsoft.com/default.aspx. An example socket error code is WSAENOBUFS.

User response: Wait until the current operation is concluded and then try the operation again.

Source: Java or C++ APIs

DGL5307A   A socket blocking function is in progress.

Explanation: You cannot conclude your communication because the socket is blocking.

This message is caused by a Windows socket error, for more information, search for the socket error code that is returned with this message at http://msdn.microsoft.com/default.aspx. An example socket error code is WSAENOBUFS.

User response: Try the operation again.

Source: Java or C++ APIs

DGL5308A   Operation in progress.

Explanation: An operation was tried on a committed socket.

This message is caused by a Windows socket error. For more information search for the socket error code that is returned with this message at http://msdn.microsoft.com/default.aspx. An example socket error code is WSAENOBUFS.

User response: Wait until the current operation is finished, and then try the operation again.

Source: Java or C++ APIs

DGL5309A   Invalid socket.

Explanation: You tried an action against an invalid socket.

This message is caused by a Windows socket error, for more information, search for the socket error code that is returned with this message at http://msdn.microsoft.com/default.aspx. An example socket error code is WSAENOBUFS.

User response: Make sure that the connection is valid and try the action again.

Source: Java or C++ APIs

DGL5310A   Destination address required.

Explanation: A host address was not set.

User response: Set the address of the destination host name.

Source: Java or C++ APIs

DGL5311A   The message is too large.

Explanation: The socket buffer is too small to hold the information.

This message is caused by a Windows socket error, for more information, search for the socket error code that is returned with this message at http://

msdn.microsoft.com/default.aspx. An example socket error code is WSAENOBUFS.

User response: Increase the buffer size.

Source: Java or C++ APIs

DGL5312A **The protocol is not valid for this socket type.**

Explanation: Not all protocols are supported for each socket type.

This message is caused by a Windows socket error. For more information search for the socket error code that is returned with this message at http://msdn.microsoft.com/default.aspx. An example socket error code is WSAENOBUFS.

User response: Use the correct socket type.

Source: Java or C++ APIs

DGL5313A **Protocol unavailable on this system.**

Explanation: This protocol is not available on the network subsystem.

User response: Use a valid protocol.

Source: Java or C++ APIs

DGL5314A **Protocol not supported.**

Explanation: This protocol is not supported by the network subsystem.

User response: Verify the supported protocols for your network subsystem.

Source: Java or C++ APIs

DGL5315A **The socket type is not supported.**

Explanation: This socket type is not supported by the network subsystem.

This message is caused by a Windows socket error. For more information search for the socket error code that is returned with this message at http://msdn.microsoft.com/default.aspx. An example socket error code is WSAENOBUFS.

User response: Use an another socket type.

Source: Java or C++ APIs

DGL5316A **This operation is not supported on this type of socket.**

Explanation: This message is caused by a Windows socket error. For more information, search for the socket error code that is returned with this message at http://msdn.microsoft.com/default.aspx. An example socket error code is WSAENOBUFS.

User response: Use a socket that supports this operation.

Source: Java or C++ APIs

DGL5317A **Protocol family not supported.**

Explanation: This protocol family is not supported by the network subsystem.

User response: Verify what protocol families are supported by your network subsystem.

Source: Java or C++ APIs

DGL5318A **Address family not supported by protocol family.**

Explanation: You used an invalid combination for family and address.

User response: Verify what family and address pairs are supported by your network subsystem.

Source: Java or C++ APIs

DGL5319A **Local address already in use.**

Explanation: The address is in use and cannot be used at this time.

User response: Check that no one is using the port and retry the connection.

Source: Java or C++ APIs

DGL5320A **Remote address or port not available.**

Explanation: No listener is available at the specified address and port.

User response: Make sure that the host is functioning.

Source: Java or C++ APIs

DGL5321A **TCP/IP subsystem failure.**

Explanation: Unable to access the TCP/IP subsystem.

User response: Make sure that the subsystem is started and functioning.

Source: Java or C++ APIs

DGL5322A **The network cannot be reached. No path was found to the network.**

Explanation: No path was found to the network.

User response: Check your network connections.

Source: Java or C++ APIs

DGL5323A   The connection dropped on reset.

Explanation: The socket was closed because of a reset operation.

This message is caused by a Windows socket error. For more information search for the socket error code that is returned with this message at http://msdn.microsoft.com/default.aspx. An example socket error code is WSAENOBUFS.

User response: Establish a new connection.

Source: Java or C++ APIs

DGL5324A   Session ended by local address because of transmission failure.

Explanation: The session ended without acknowledgment.

User response: Retry the connection.

Source: Java or C++ APIs

DGL5325A   Session forcefully closed by remote host.

Explanation: The host closed the connection before it was expected to. The server might have stopped.

User response: Retry the connection.

Source: Java or C++ APIs

DGL5326A   Remote address forcefully rejected connection request. No listener on the port.

Explanation: No listener was available on the port.

User response: Make sure that the host is listening on the specified port.

Source: Java or C++ APIs

DGL5327A   No more buffer space is available.

Explanation: The socket buffer is full.

This message is caused by a Windows socket error. For more information, search for the socket error code that is returned with this message at http://msdn.microsoft.com/default.aspx. An example socket error code is WSAENOBUFS.

User response: Increase the buffer size.

Source: Java or C++ APIs

DGL5328A   The socket is already connected.

Explanation: This message is caused by a Windows socket error. For more information, search for the socket error code that is returned with this message at http://msdn.microsoft.com/default.aspx. An example

socket error code is WSAENOBUFS.

User response: None.

Source: Java or C++ APIs

DGL5329A   The socket is not connected.

Explanation: An attempt was made to use an unconnected socket.

This message is caused by a Windows socket error, for more information, search for the socket error code that is returned with this message at http://msdn.microsoft.com/default.aspx. An example socket error code is WSAENOBUFS.

User response: Connect the socket before using it.

Source: Java or C++ APIs

DGL5330A   You cannot send data after socket has been shut down.

Explanation: A shutdown call was made to the socket. No data was sent.

This message is caused by a Windows socket error, for more information, search for the socket error code that is returned with this message at http://msdn.microsoft.com/default.aspx. An example socket error code is WSAENOBUFS.

User response: Try sending the data again after the host is back online.

Source: Java or C++ APIs

DGL5331A   Too many hops in the route from the source node to the destination node; cannot continue.

Explanation: There are too many references to a kernel object.

User response: Provide more resources to handle the references.

Source: Java or C++ APIs

DGL5332A   Connection timed out or session dropped because of remote failure. Increase the value of the time-out period, or make sure that the host is functioning. Retry the connection.

Explanation: The server did not respond within the specified time-out period.

User response: Increase the value of the time-out period, or make sure that the host is functioning. Retry the connection.

Source: Java or C++ APIs

DGL5333A   Too many levels of network hops (network symbolic links) for this network path. Cannot continue.

Explanation: The system cannot translate the network path name because the path name contains too many network symbolic links.

User response: Define a path with less network symbolic links.

Source: Java or C++ APIs

DGL5334A   File name is too long.

Explanation: The system cannot use a file name that is too long.

User response: Use a shorter file name.

Source: Java or C++ APIs

DGL5335A   The host is down.

Explanation: The host is not responding.

User response: Check the host name and retry the connection at a later time.

Source: Java or C++ APIs

DGL5336A   No network route to the host.

Explanation: The host is on a separate network and no path can be found.

User response: Check the access to the host network.

Source: Java or C++ APIs

DGL5337A   Session disconnected.

Explanation: The socket successfully disconnected.

This message is caused by a Windows socket error. For more information, search for the socket error code that is returned with this message at http://msdn.microsoft.com/default.aspx. An example socket error code is `WSAENOBUFS`.

User response: None.

Source: Java or C++ APIs

DGL5338A   The host (key) was not found. No such host is known.

Explanation: No such host is known.

User response: Try the `inetaddr` address instead of the host name.

Source: Java or C++ APIs

DGL5339A   Non-authoritative host was not found; the name service might not be functioning. This is usually a temporary error during host name resolution and means that the local server did not receive a response from an authoritative server.

Explanation: The local server did not receive a response from an authoritative server.

User response: Make sure that the Domain Name Server (DNS) is functioning and the host name is valid.

Source: Java or C++ APIs

DGL5340A   Non-recoverable error; the name service might not be functioning.

Explanation: A non-recoverable error occurred during name resolution.

User response: Make sure that Domain Name System (DNS) is functioning properly.

Source: Java or C++ APIs

DGL5341A   When a client tries to consult the Domain Name System (DNS) server to figure out the IP address of a host name, the DNS server responds that the host name is found in its database. However, there is no valid association of IP address to the host name to be located.

Explanation: The metadata in the Domain Name System (DNS) is not correct.

User response: Use the dot notated address.

Source: Java or C++ APIs

DGL5348A   WSAStartup (Windows socket) failed; the network subsystem is not usable.

Explanation: An unrecoverable error occurred trying to start the network subsystem.

User response: Make sure that the network subsystem is installed properly.

Source: Java or C++ APIs

DGL5349A   WSAStartup (Windows socket) failed; socks version not supported.

Explanation: The version of your Windows Socket software is not supported.

User response: You must upgrade to a newer version of Windows Socket software.

Source: Java or C++ APIs

DGL5350A   WSAStartup (Windows socket) call was not completed successfully.

Explanation: Starting the socks server was interrupted.

User response: Check the level of your Windows Socket software.

Source: Java or C++ APIs

DGL5351A   Access denied.

Explanation: The system is unable to access this object. The object here might be a file or device.

User response: Retry the operation and if the problem persists, see your system administrator.

Source: Java or C++ APIs

DGL5352A   Either the file could not be created because it already exists in the system, or there was not enough disk space to create the file.

Explanation: No further explanation required.

User response: Check the file system to see if the file already exists. If yes, change the file creation flags to allow the file to be overwritten, or delete the file.

If the file does not exist, and the problem is because there is not enough disk space, allocate more disk space. For example, delete unnecessary files or add a new disk drive. Then try the operation again.

Source: Java or C++ APIs

DGL5353A   The specified device name is invalid.

Explanation: The name provided for the device is not correct.

User response: Check the device name.

Source: Java or C++ APIs

DGL5354A   The system cannot find the device specified.

Explanation: The device is not available or is not functioning properly.

User response: Check the status of the device.

Source: Java or C++ APIs

DGL5355A   The file name is too long.

Explanation: The system cannot use a file name that is too long.

User response: Make the file name shorter.

Source: Java or C++ APIs

DGL5356A   The requested resource is in use.

Explanation: The file or resource is in use.

User response: Check the resource status and make sure the resource was closed properly.

Source: Java or C++ APIs

DGL5357A   The directory or file cannot be created.

Explanation: There are several possibilities:
- The disk might be full.
- You might not have permission to the disk.
- The file path is not correct.

User response: Check the disk usage, your permissions, and path of the file.

Source: Java or C++ APIs

DGL5358A   The file cannot be accessed by the system.

Explanation: The requested resource is in use.

User response: Make sure that the file is not corrupt.

Source: Java or C++ APIs

DGL5359A   The directory name is invalid.

Explanation: The provided directory name cannot be found.

User response: Make sure that the directory exists.

Source: Java or C++ APIs

DGL5360A   There is not enough space on the disk.

Explanation: The file is larger than the available space.

User response: Free up unused space or provide additional storage.

Source: Java or C++ APIs

DGL5361A   The file or directory is corrupted and unreachable.

Explanation: An event occurred that caused the file or directory to be corrupted and not usable.

User response: None.

Source: Java or C++ APIs

DGL5362A   The file already exists.

Explanation: A file with the same name was found.

User response: Change the file creation flags or save the file under a different name.

Source: Java or C++ APIs

DGL5363A **The file attributes (such as size and date) have been changed unknowingly by a third party or programs.**

Explanation: The file is not valid, because its attributes have been changed.

User response: Check the size of the file.

Source: Java or C++ APIs

DGL5364A **The system cannot find the file specified.**

Explanation: The path, filename, or the full file name is not correct.

User response: Check the directory path and file name.

Source: Java or C++ APIs

DGL5365A **The filename or extension is too long.**

Explanation: The system cannot use a file name or extension that is too long.

User response: Make the file name or extension shorter.

Source: Java or C++ APIs

DGL5366A **The disk is full.**

Explanation: The file is larger than the available space.

User response: Free up unused space or provide additional storage.

Source: Java or C++ APIs

DGL5367A **The end of file was reached.**

Explanation: An end of file (EOF) was reached before it was expected.

User response: Check the file creation and verify that it was created properly.

Source: Java or C++ APIs

DGL5368A **The system cannot find the drive specified.**

Explanation: The drive is either not functioning or is invalid.

User response: Make sure that the drive is functioning properly.

Source: Java or C++ APIs

DGL5369A **The request failed because of an I/O device error.**

Explanation: The device is not functioning properly.

User response: Check the media.

Source: Java or C++ APIs

DGL5370A **Invalid memory access.**

Explanation: The reference to an object in memory is invalid.

User response: Check that the object has been instantiated properly.

Source: Java or C++ APIs

DGL5371A **The specified disk cannot be accessed.**

Explanation: The disk might be corrupted or invalid.

User response: Check the disk, and check the specified path.

Source: Java or C++ APIs

DGL5372A **Not enough storage is available to process this command.**

Explanation: The system is out of memory.

For information on native memory issues, see the following WebSphere Application Server topics:

- Troubleshooting native memory issues: http://www.ibm.com/support/docview.wss?uid=swg21373312
- Excessive native memory use in IBM WebSphere Application Server: http://www.ibm.com/support/docview.wss?uid=swg21317658

User response: See the Resolving the problem sections in the above referenced URLs.

Source: Java or C++ APIs

DGL5373A **The device is not ready.**

Explanation: The device is functioning, but not ready for the specified action.

User response: Check the media that is trying to perform the read operation, or wait until the current operation is complete.

Source: Java or C++ APIs

DGL5374A **The system cannot open the device or file specified.**

Explanation: The device or file is in use by another process.

User response: Wait until the current operation is complete.

DGL5376A • DGL5388A

Source: Java or C++ APIs

DGL5376A   Insufficient system resources.

Explanation: The operation requires additional resources.

User response: Provide additional resources or free up existing resources.

Source: Java or C++ APIs

DGL5377A   The system cannot find the specified path.

Explanation: The path is invalid.

User response: Check the path.

Source: Java or C++ APIs

DGL5378A   The system cannot read from the specified device.

Explanation: The device is not functioning properly.

User response: Make sure the device is ready.

Source: Java or C++ APIs

DGL5379A   The drive cannot locate a track on the disk.

Explanation: The disk might be corrupted.

User response: Check the media.

Source: Java or C++ APIs

DGL5380A   The file pointer cannot be set to the specified device or file.

Explanation: The device or file is not valid.

User response: Use a new file name or device.

Source: Java or C++ APIs

DGL5381A   Too many instructions pushed on the stack causing an overflow.

Explanation: Too many calls are being pushed on to the stack, or are caught in a recursive loop.

User response: Increase the stack size.

Source: Java or C++ APIs

DGL5382A   Error performing inpage operation.

Explanation: An inpage operation failed. The system memory might be low.

User response: Increase the system memory.

Source: Java or C++ APIs

DGL5383A   The system cannot open more files.

Explanation: No more file pointers are available.

User response: Increase the system memory.

Source: Java or C++ APIs

DGL5384A   Invalid operation on a file with a user-mapped section opened.

Explanation: A user-mapped file is open and cannot be used.

User response: Close the file or change the share flags.

Source: Java or C++ APIs

DGL5385A   The system cannot write to the specified device.

Explanation: The device is not available or is not functioning properly.

User response: Check the status of the device.

Source: Java or C++ APIs

DGL5386A   The media is write-protected.

Explanation: The device is locked for writing.

User response: Change the protection level for the media.

Source: Java or C++ APIs

DGL5387A   Attribute named *%1* contains a value of *%2* which exceeds the maximum value of *%3* specified in the attribute definition.

Explanation: This attribute has a defined maximum value specified in the attribute definition of the particular item type or component type. If either the minimum or maximum value is specified, both values are enforced. The value that is not specified is assigned the default value. In this case, the maximum value is exceeded.

User response: Choose a different value for this attribute that is within the acceptable range as specified in the attribute definition in the item type or component type. An alternative is to change the maximum value in the attribute definition to be equal to or greater than the value specified.

Source: Java or C++ APIs

DGL5388A   Attribute named *%1* contains a value of *%2* which violates the minimum value of *%3* specified in the attribute definition.

Explanation: This attribute has a defined minimum

value specified in the attribute definition of the particular item type or component type. If either the minimum or maximum value is specified, both values are enforced. The value that is not specified is assigned the default value. In this case, the minimum value is violated.

User response: Choose a different value for this attribute that is within the acceptable range as specified in the attribute definition in the item type or component type. An alternate is to change the minimum value in the attribute definition to be equal to or less than the value specified.

Source: Java or C++ APIs

DGL5389A **Attribute named** *%1* **contains a string of length** *%2* **which exceeds the maximum length of** *%3* **specified in the attribute definition.**

Explanation: This attribute has a defined maximum string length specified in the attribute definition of the particular item type or component type. If either the minimum or maximum length is specified, both values are enforced. The length that is not specified is assigned the default value. In this case, the maximum length is exceeded. It is normal for beginning and ending white space to be included in string length, unless trimmed explicitly by the user application.

User response: Choose a shorter string for this attribute that fits within the acceptable range for size as specified in the attribute definition in the item type or component type. An alternative is to change the maximum length in the attribute definition to be equal or greater than the length of the string specified. Trimming the beginning and the ending white space or one of them can help reduce the size of the string if they are not explicitly trimmed by the user application.

Source: Java or C++ APIs

DGL5390A **The attribute named** *%1* **contains a string of length** *%2* **that violates the minimum required length of** *%3* **specified in the attribute definition.**

Explanation: This attribute has a defined minimum string length specified in the attribute definition of the particular item type or component type. If either the minimum or maximum value is specified, both values are enforced. The length that is not specified is assigned the default value. In this case, the minimum length is violated. The beginning and ending white space might be included in string length unless trimmed explicitly by the user application.

User response: Designate a longer string for this attribute that is within the acceptable range as specified in the attribute definition in the item type or component type. An alternative is to change the minimum length in the attribute definition to be equal

or less than the length of the string specified. Padding with white space can help if not explicitly trimmed by the user application.

Source: Java or C++ APIs

DGL5391A **Attempted to start a transaction within a failed explicit transaction.**

Explanation: Start of a transaction was attempted within the state of a failed explicit transaction.

User response: Roll back the failed explicit transaction before starting a new transaction.

Source: Java or C++ APIs

DGL5392A **Attempted to commit a failed explicit transaction.**

Explanation: Commit of a failed explicit transaction was attempted. The only action allowed on a failed explicit transaction is a rollback.

User response: Roll back the current failed explicit transaction.

Source:

DGL5395A **Either the resource manager does not exist (RMCode=**%3**) or the system-managed storage (SMS) collection codes defined within this resource manager do not exist (DfltCollCode=**%4**, DfltPrefetchCollCode=**%5**) for the given source item type ID** *%1* **and target item type ID** *%2***.**

Explanation: The resource manager and SMS collection codes must be defined before you can use them to define an item type relation.

User response: Define the resource manager and SMS collection codes listed in the message before you use them to define an item type relation.

Source: Java or C++ APIs

DGL5400A **Invalid content range specified for the resource item to be retrieved.**

Explanation: The content range is a segment or a range of a resource item in its byte stream form. It is computed from three parameters: offset (the start position of the range in the resource byte stream), length (the length of the partial byte stream to be retrieved), and resourcelen (the complete byte stream length of the resource item). This error occurred because either the length set to be retrieved is zero, or the offset (the start position) is set to be at the end of the resource byte stream.

User response: Check input parameters for the resource retrieval operation.

Source: Java or C++ APIs

DGL5410A **Resource manager is not responding. Make sure the resource manager is up and running.**

Explanation: The connection to Web server (for example, IBM HTTP server) has been established but the resource manager is not responding. One possibility is that the Web application server (for example, WebSphere Application Server) has been started but the Web application (the resource manager) has not been started. This error might also be caused by an internal error at the Web application server node.

User response: Check the status and logs of the Web server, the Web application server and the resource manager.

Source: Java or C++ APIs

DGL5411A **Registered exit implementation class *%1* is not found.**

Explanation: The properties file indicated in the message contains a registration entry for an Item Exit or Resource-Item Exit implementation denoted by the tag ITEM_EXITS= at the specified line (from the error message). However, that entry is a reference to a class (indicated in the error message) that was not located given the specified class name. For more information about Item Exits and Resource Item Exits registration, see the DKItemExitsICM class documentation in the *Application Programming Guide*.

User response: Check the specified properties file for the specified line and entry to ensure that the correct class name is entered. Check for capitalization. Validate that your class path correctly includes the directory or jar file in which the class file is located. Check for any Java package information that must be prefixed to the class name. For example, if the class myClass belongs to the package myPackage, try using the name myPackage.myClass. Ensure that the name specified omits the .class extension that is in the file name that contains the class.

Source: Java or C++ APIs

DGL5412A **The registered exit implementation class *%1* was not found. Connect string options entry *%2*.**

Explanation: The connect string options contain a registration entry for an Item Exit or Resource-Item Exit implementation denoted by the tag ITEM_EXITS= at the specified entry from the error message. However, that entry, which takes precedent over any properties file entry, pertained to a class (indicated in the error message) that was not located using the specified class

name. For more information about Item Exits and Resource Item Exits registration, see the DKItemExitsICM class documentation in the *Application Programming Reference*. For more information about connect string options, see the *Application Programming Guide* for DKDatastoreICM.connect() and the SConnectDisconnectICM API Education sample.

User response: Check the connect string options specified to the data store connect operation for the specified entry to ensure that the correct class name is entered. Check for capitalization. Validate that your class path correctly includes the directory or JAR file in which the class file is located. Check for any Java package information that must be prefixed to the class name. For example, if the class myClass belongs to the package myPackage, try using the name myPackage.myClass. Ensure that the name specified omits the .class extension in the file name that contains the class. You can determine the connect string options provided to the DKDatastoreICM::connect() operation using the API log dklog.log, with debug tracing. Search up from the bottom for occurrences of ITEM_EXITS=.

For help with API log settings, see documents 1064468 and 1064476 on the Software Support site at http://www.ibm.com/software/data/eip/support.html.

Source: Java or C++ APIs

DGL5413A **Registered exit implementation class *%1* does not extend any valid exit interfaces and abstract classes. File *%2*, line *%3*.**

Explanation: Item Exits must implement and extend valid exit base classes, such as DKItemExitsICM or DKResourceItemExitsICM. The Exit Implementation class specified in the properties file at the given line number (from the error message) does not extend any valid base classes. See the DKItemExitsICM class documentation in the *Application Programming Guide* for more information about valid base classes.

User response: Check that the exit implementation class indicated in the error message. Review the source code or any documentation that is available about the class indicated. It must extend a valid exits base class, such as DKItemExitsICM or DKResourceItemExitsICM. Only methods identically matching the signatures one of a supported base class provided are called by the API as exit operations. For example, item-level exits must extend the DKItemExitsICM interface. For resource-level exits in addition to item-level exits, the implementation must extend the DKResourceItemExitsICM interface.

Source: Java or C++ APIs

DGL5414A **The registered exit implementation class** *%1* **does not extend any valid exit interfaces and abstract classes. Connect string options entry** *%2.*

Explanation: Item Exits must implement and extend valid exit base classes, such as DKItemExitsICM or DKResourceItemExitsICM. The Exit Implementation class specified in the connect string options at the specified entry number (from the error message) does not extend any valid base classes. See the DKItemExitsICM class documentation in the *Application Programming Guide* for more information about valid base classes.

User response: Check that the exit implementation class indicated in the error message. Review the source code and any documentation available on the class indicated. It must extend a valid exits base class, such as DKItemExitsICM or DKResourceItemExitsICM. Only methods identically matching the signatures one of a supported base class provided are called by the API as exit operations. For example, item-level exits must extend the DKItemExitsICM interface. For resource-level exits in addition to item-level exits, the implementation must extend the DKResourceItemExitsICM interface.

Source: Java or C++ APIs

DGL5415A **Registered exit implementation class** *%1* **does not extend any valid exit interfaces and abstract classes.**

Explanation: Item Exits must implement and extend valid exit base classes, such as DKItemExitsICM or DKResourceItemExitsICM. The Exit Implementation class (indicated in the error message) does not extend any valid base classes. See the DKItemExitsICM class documentation in the *Application Programming Reference* , for more information about valid base classes.

User response: Check that the exit implementation class indicated in the error message. Review the source code and any documentation available on the class indicated. It must extend a valid exits base class, such as DKItemExitsICM or DKResourceItemExitsICM. Only methods identically matching the signatures one of a supported base class provided are called by the API as exit operations. For example, item-level exits must extend the DKItemExitsICM interface. For resource-level exits in addition to item-level exits, the implementation must extend the DKResourceItemExitsICM interface.

Source: Java or C++ APIs

DGL5416A **Multiple exit implementation registrations are found. A second "ITEM_EXITS" registration entry,** *%1,* **was found at line** *%2* **of properties file** *%3* **after exit implementation** *%4* **was**

already detected at line *%5.*

Explanation: Only one exit implementation can be active and registered in a connected datastore instance. During connect, when the properties file indicated in the message was processed, multiple "ITEM_EXITS=" tags were detected. The first tag resulted in registration of the implementation class specified in the error message. A second tag was found at the line specified in the error message. For more information in registration of Item Exits, refer to the DKItemExitsICM class documentation in the *Application Programming Reference*.

User response: Review the properties file for the line specified, which is indicated in the error message and compare the line to an earlier tag that resulted in the registration specified exit implementation. Modify the properties file specified in the error message to use only one "ITEM_EXITS=" tag, thereby registering only one exit implementation.

Source: Java or C++ APIs

DGL5417A **Multiple exit implementation registrations are found. A second "ITEM_EXITS" registration entry,** *%1,* **was found at entry** *%2* **in the connect string options after exit implementation** *%3* **was already detected at entry** *%4.*

Explanation: Only one exit implementation can be active and registered in a connected data store instance. During connect, when the connect string options were processed, multiple "ITEM_EXITS=" tags were detected. The first tag resulted in registration of the implementation class specified in the error message. A second tag was found at the line specified in the error message. For more information in registration of Item Exits, see the DKItemExitsICM class documentation in the *Application Programming Reference*.

User response: Review the connect string options specified for the data store connect operation for the entry specified. Then compare to an earlier tag that resulted in the registration specified Exit Implementation. Modify the connect string options to use only one "ITEM_EXITS=" tag, therefore registering only one exit implementation.

Source: Java or C++ APIs

DGL5418A **Error reported from Exit Operation** *%1* **call:**

Explanation: A registered user exit operation that was called from the API returned in error. An exit operation is a call from the API to an object provided by a third-party and registered in the API during logon. The API called the method indicated in the error message, but that method threw an exception. The message from the exception thrown and provided by the third-party class is shown as part of the error message above (after

the colon (:)). The original exception object is packaged into the DKExitExceptionICM object thrown by the API.

User response: Review the error message concatenated after the colon (:) that was thrown and provided by the third-party class. Review the original exception object thrown from the user exit implementation using the DKExitExceptionICM.getExitOperationException() method.

Source: Java or C++ APIs

DGL5421A **Registered exit implementation class** %1 **is not a public class or does not have a public default constructor. Class instance could not be created. (Properties File** %2**, Line** %3**)**

Explanation: The class name specified by the Exit Implementation registration could not be used to create an instance of that object. In most cases, the class name specified is not declared as public. Package level or private classes cannot be created or used outside of their package or class. In other cases, there is no public def ault constructor. If the object extends any of the supported abstract classes providing the Exits Interface, a public default constructor should not have been hidden. If no default constructor was declared, the extended class should have inherited the public default constructor from one of the supported exits base classes. For more information on item exits, refer to the DKItemExitsICM class documentation in the *Application Programming Reference.*

Following are the explanations of the % inserts for the properties files:

- *1% is the class name registered in the properties file.*
- *2% is the properties file name.*
- *3% is the line number in file.*

User response: Check the implementation of the class that was registered for item exits (indicated in the error message). Review the source code and any documentation available for the class provided by a third-party. It must be a public class and cannot make the default constructor private or package-level. Either modify the class indicated in the error message that was provided as a third-party to the API or register a different exit implementation that does have a public default constructor. If possible, edit and recompile the source code for the class indicated in the error message such that it has a public default constructor like that defined in the DKItemExitsICM or DKResourceItemExitsICM base classes.

Source: Java or C++ APIs

DGL5422A **Registered exit implementation class** %1 **is not a public class or does not have a public default constructor. The class instance was not created. The connect string options entry is** %2**.**

Explanation: The class name specified by the Exit Implementation registration might not be used to create an instance of that object. In most cases, the class name specified is not declared as public. Package level or private classes cannot be created or used outside of their package or class. In other cases, there is no public default constructor. If the object extends any of the supported abstract classes providing the Exits Interface, a public default constructor must not be hidden. If no default constructor was declared, the extended class must have inherited the public default constructor from one of the supported exits base classes. For more information about item exits, see the DKItemExitsICM class documentation in the *Application Programming Reference.*

User response: Check the implementation of the class that was registered for item exits (indicated in the error message). Review the source code and any documentation available for the class provided by another vendor. It must be a public class and cannot make the default constructor private or package-level. Either modify the class indicated in the error message that was provided as vendor acquired to the API or register a different exit implementation that does have a public default constructor. If possible, edit and recompile the source code for the class indicated in the error message so that it has a public default constructor like those defined in the DKItemExitsICM or DKResourceItemExitsICM base classes.

Source: Java or C++ APIs

DGL5423A **Could not create an instance of registered exit implementation class** %1 **because it is an abstract class, interface, array class, a primitive type, or void. It might also have failed instantiation for another reason. Properties file** %2**, line** %3**.**

Explanation: The class name specified by the Exit Implementation registration cannot be used to create an instance of that object. In most cases, the class name specified is an abstract class, interface, array class, a primitive type, or void. It might have failed for other reasons that might be in the API log file, `dklog.log`, if the log trace setting is `ERROR` or greater. See documents 1064468 and 1064476 on the IBM Software Support site:

http://www.ibm.com/software/data/eip/support.html

for more information about the API log and its trace settings. For more information about item exits registration, see the DKItemExitsICM class documentation in the *Application Programming Reference.*

User response: Check the implementation of the class that was registered for item exits as indicated in the error message. Review the source code and any documentation available for the class provided by a vendor. It must be a public class that extends one of the supported abstract Exit Interface classes. It cannot be abstract or an interface. Check the API log file for more information about the error that was reported.

Source: Java or C++ APIs

DGL5424A	Could not create an instance of registered exit implementation class *%1* because it is an abstract class, interface, array class, a primitive type, or void. It might also have failed instantiation for another reason. Connect string options, entry *%2*.

Explanation: The class name specified by the Exit Implementation registration was not used to create an instance of that object. In most cases, the class name specified is an abstract class, interface, array class, a primitive type, or void. It might have failed for other reasons that are in the API log file dklog.log if the log trace setting is ERROR or greater. See documents 1064468 and 1064476 on the Web Based Technical Support site at http://www.ibm.com/software/data/eip/support.html for more information about the API log and its trace settings. For more information about item exits registration, see the DKItemExitsICM class documentation in the *Application Programming Reference*.

User response: Check the implementation of the class that was registered for item exits as indicated in the error message. Review the source code and any documentation that is available for the class provided by a vendor. It must be a public class that extends one of the supported abstract Exit Interface classes. It cannot be abstract or an interface. Check the API log file for more information about the error that was reported.

Source: Java or C++ APIs

DGL5425A	An error was thrown from the default constructor while creating an instance of registered exit implementation class *%1*. Initialization invoked the public default constructor which failed. Properties file *%2*, line *%3*.

Explanation: An error occurred during initialization through the public default constructor While creating an instance of the registered Exit Implementation class. In most cases, the public default constructor provided threw an exception. The API log file dklog.log will contain the error text to the original error message thrown. See documents 1064468 and 1064476 on the Software Support site at http://www.ibm.com/software/data/eip/support.html for more information on the API log and its trace settings. For more

information about item exits registration, see the DKItemExitsICM class documentation in the *Application Programming Reference*.

User response: Check the implementation of the public default constructor for the registered class as indicated in the error message. Review the API log file for information on the original error reported.

Source: Java or C++ APIs

DGL5426A	An error was thrown from the default constructor while creating an instance of registered exit implementation class *%1*. Initialization invoked the public default constructor that failed. Connect string options entry *%2*.

Explanation: An error occurred during initialization through the public default constructor while creating an instance of the registered Exit implementation class. In most cases, the public default constructor that was provided threw an exception. The API log file dklog.log will contain the error text to the original error message thrown. See documents 1064468 and 1064476 on the Software Support site at http://www.ibm.com/software/data/eip/support.html for more information on the API log and its trace settings. For more information about item exits registration, see the DKItemExitsICM class documentation in the *Application Programming Reference*.

User response: Check the implementation of the public default constructor for the registered class as indicated in the error message. Review the API log file for information on the original error reported.

Source: Java or C++ APIs

DGL5427A	Cannot remove a link or folder relationship that does not exist. The server received a request to delete one or more link or folder relationships. At least one of the links to be removed does not exist in the server. The link was either already deleted, or was never created.

Explanation: The user performed an action that results in a request to delete links in the persistent store. Folder relationships are implemented using links, and therefore a folder relationship is also a link. The user chose to specifically break a single link, break multiple links, or is saving updates to an item that has one or more links removed. If one or more of the links have already been removed by the current user, or by any other user connected to the system, this error reports that the link was already deleted. If one or more of the links were never created in this connected datastore, this error is reported. If one of the items associated with the link is deleted by another user, the link will be automatically broken, and this error is reported.

The APIs that perform this functionality include:

- DKDDO::update()
- DKDatastoreICM::updateObject(DKDDO)
- DKDatastoreExtICM::removeLink(DKLink)
- DKDatastoreExtICM::removeLinks(dkCollection)
- DKDatastoreExtICM::removeFromFolder(DKDDO folder, DKDDO content)
- DKLinkCollection::removeMember()
- DKLinkCollection::removeAllMembers()
- DKFolder::removeMember()
- DKFolder::removeAllMembers()

User response: Once any user has deleted a link or folder relationship, all existing items associated with that link or folder relationship become stale, because the information is no long er current. Before breaking links, lock (check out) all items involved, refresh the link and folder relationship information, and then perform the removal operations.

Source: Java or C++ APIs

API messages: DGL7087A - DGL7356A

API messages DGL7087A - DGL7356A describe problems and possible solutions for Java and C++ applications.

0000   **A unique constraint has been breached [*%1*] . Look at the server logs [*%2*] for more information.**

Explanation: None.

User response: Look at the server log to see which constraint has been breached to eliminate the error.

Source: Java or C++ APIs

DGL7087A   **Unknown component type view name [*nnn*].**

Explanation: The system does not recognize this component type view name.

User response: Check the spelling of the component type view name or make sure that this component type view exists in the system.

Source: Java or C++ APIs

DGL7088A   **Unknown component type view ID [*nnn*].**

Explanation: This component type view ID is unknown to the system.

User response: Make sure that this component type view ID exists in the system.

Source: Java or C++ APIs

DGL7089A   **Unknown attribute name [*nnn*] .**

Explanation: This attribute name is unknown to the system.

User response: Check the spelling of the attribute name or make sure that this attribute name exists in the system.

Source: Java or C++ APIs

DGL7090A   **Unknown reference attribute name [*nnn*] .**

Explanation: The attribute name being referenced is unknown to the system.

User response: Check the spelling of the attribute name or make sure that the attribute name being referenced exists in the system.

Source: Java or C++ APIs

DGL7091A   **Unknown reference attribute ID [*nnn*] .**

Explanation: The attribute ID being referenced is unknown to the system.

User response: Make sure that the attribute ID being referenced exists in the system.

Source: Java or C++ APIs

DGL7092A   **Cannot join component type view with ID [*nnn*] with component type view with ID [*nnn*] .**

Explanation: An internal error occurred

User response: See your IBM service representative.

Source: Java or C++ APIs

DGL7093A   **None of the internally defined query component type views can be in BEFORE_REFERENCE_STATUS for forward reference traversal. Left ID is [*nnn*] , right ID is [*nnn*] .**

Explanation: An internal error occurred.

User response: See your IBM service representative.

Source: Java or C++ APIs

DGL7094A   **Left component type view cannot be internally defined in AFTER_REFERENCE_STATUS for forward reference traversal. Left ID is [*nnn*].**

Explanation: An internal error occurred.

User response: See your IBM service representative.

Source: Java or C++ APIs

DGL7095A   **Invalid right internal query component type view with ID [*nnn*] for forward traversal of references.**

Explanation: An internal error occurred.

User response: See your IBM service representative.

Source: Java or C++ APIs

DGL7096A   **Invalid attribute with ID [*nnn*] cannot appear after the REFERENCEDBY**

component type view.

Explanation: Only the REFERENCER attribute can appear in the join between the REFERENCEDBY and the destination component for reverse traversals of references.

User response: Check your query for the incorrect use of attributes.

Source: Java or C++ APIs

DGL7097A   Invalid right internal query component type view with ID [*nnn*] for backward traversal of references.

Explanation: The backward look up of references is only allowed to all components (*), to a root component, or to a child component.

User response: Check your query for the incorrect use of references.

Source: Java or C++ APIs

DGL7098A   Cannot convert from internal query attribute ID [*nnn*] to the system attribute ID defined in the datastore.

Explanation: An internal error occurred.

User response: See your IBM service representative.

Source: Java or C++ APIs

DGL7099A   The internal query component type view [*nnn*] cannot be the context associated with forward traversal of references.

Explanation: For example, a query such as "/Conference/OUTBOUNDLINK/@SYSREFERENCEATTRS = > Book" is invalid because the internal query component type view OUTBOUNDLINK cannot be used with a reference attribute for forward reference traversal.

User response: Change the query string to use the appropriate component type view as the source for forward traversal of references. For example, "/Conference/Conference_Note/@SYSREFERENCEATTRS = > Book".

Source: Java or C++ APIs

DGL7100A   The internal query component type view [*nnn*] cannot be the target of the dereference for forward traversal of references. Only * or user-defined component type view can be used.

Explanation: For example, a query such as "/Conference/Conference_Note/@SYSREFERENCEATTRS = > .." is invalid because (..) cannot be the target of the reference.

User response: Change the query string to use the appropriate component type view as the target for forward traversal of references. For example, "/Conference/Conference_Note/@SYSREFERENCEATTRS = > Book".

Source: Java or C++ APIs

DGL7101A   Cannot have any internal query component type view other than [*nnn*] . Found internal query component type view with ID of [*nnn*] .

Explanation: An internal error occurred.

User response: See your IBM service representative.

Source: Java or C++ APIs

DGL7102A   The internal query component type view [*nnn*] cannot be the target of the dereference for backward traversal of references.

Explanation: For example, a query such as "/Book/REFERENCEDBY/@REFERENCER = > OUTBOUNDLINK" is invalid since OUTBOUNDLINK cannot be the source of a reference traversal.

User response: Change the query string to use the appropriate component type view as the source of a reference traversal. For example, "/Book/REFERENCEDBY/@REFERENCER = > *".

Source: Java or C++ APIs

DGL7103A   An attribute cannot appear in the context of a component type view that is in BEFORE_REFERENCE_STATUS (attribute ID: [*nnn*] ; component type view ID [*nnn*]).

Explanation: An internal error occurred.

User response: See your IBM service representative.

Source: Java or C++ APIs

DGL7104A   A reference attribute cannot be a PID attribute (attribute ID [*nnn*]).

Explanation: An internal error occurred. Examples of reference attributes are a system-defined SYSREFERENCEATTRS or a user-defined PublicationRef. Examples of a persistent ID (PID) attribute are ITEMID, COMPONENTID, or VERSIONID.

User response: See your IBM service representative.

Source: Java or C++ APIs

DGL7105A   Unknown PID attribute with ID [*nnn*] .

Explanation: An internal error occurred. Examples of persistent ID (PID) attributes are ITEMID, COMPONENTID, and VERSIONID.

User response: See your IBM service representative.

Source: Java or C++ APIs

DGL7106A   The component type view [*nnn*] is not of item type classification Document, so it cannot be the parent of ICMPARTS.

Explanation: For example, a query such as "/Journal[contains-text(.//ICMPARTS/@TIERef, \" 'XML' \")=1]" is invalid if Journal is not defined with classification of Document.

User response: For this example, either define Journal to be of Document classification or rewrite the query to be on a Document item type view. For example, "/Doc[contains-text(.//ICMPARTS/@TIERef, \" 'XML' \")=1]".

Source: Java or C++ APIs

DGL7107A   A component type view [*nnn*] of classification Document does not have a child that represents ICMPARTS.

Explanation: A problem occurred during the construction of the definitions for an item type of Document classification.

User response: Recreate this Document item type or see your IBM service representative.

Source: Java or C++ APIs

DGL7108A   DKQExpr expression is NULL.

Explanation: One of the query expressions was not set in a combined query object.

User response: Check the structure of the query object.

Source: Java or C++ APIs

DGL7109A   Invalid DKQExpr: One of the children expressions is required, but is set to NULL for operator [*nnn*] .

Explanation: For example, if two query expressions are connected with an OR operator, neither one of these expressions can be NULL.

User response: Check the structure of the query object.

Source: Java or C++ APIs

DGL7110A   Invalid operator [*nnn*] between DKQExpr expressions. Only AND and OR are allowed.

Explanation: Only the listed operators can connect query expressions in the query object.

User response: Use one of the supported operators, AND or OR.

Source: Java or C++ APIs

DGL7111A   A DKQExpr expression has to be a leaf term.

Explanation: While processing a combined query object, one of the query expressions was found to contain other expressions under it.

User response: Check the structure of the query object.

Source: Java or C++ APIs

DGL7112A   No subexpression or more than one subexpression was specified for a query.

Explanation: Only a single subexpression is supported for a query expression.

User response: Change your query object such that no query expression contains more than one subexpression.

Source: Java or C++ APIs

DGL7113A   Subexpression for query is NULL.

Explanation: A subexpression of a query expression has not been set.

User response: Change your query object such that its query expressions contain appropriate subexpressions.

Source: Java or C++ APIs

DGL7114A   Entity name not found in DKQExpr query expression.

Explanation: Either the entity name was not set or there is no appropriate mapping for it.

User response: Make sure that each query expression in the query object has the entity name set and that there is a mapping for each entity name, if necessary.

Source: Java or C++ APIs

DGL7115A   Query term DKQTerm for text search expression is NULL.

Explanation: The term of the query expression for text search was not set properly.

User response: Verify the proper structure of the query object.

DGL7116A • DGL7126A

Source: Java or C++ APIs

DGL7116A **Query term has to be a leaf term for text search.**

Explanation: Only a flat, non-hierarchical text search query term is supported.

User response: Change your query object to contain a simple leaf text search term.

Source: Java or C++ APIs

DGL7117A **Invalid DKQTerm: An attribute name cannot be NULL in a leaf term with operator [*nnn*] .**

Explanation: This operator requires an attribute name, but either the attribute name was not set or there is no appropriate mapping for this attribute.

User response: Verify that the attribute name of the appropriate query expression in the query object is set and that there is a mapping for each attribute name, if necessary.

Source: Java or C++ APIs

DGL7118A **Invalid DKQTerm: Attribute values not specified.**

Explanation: This query term requires one or more attribute values to be specified.

User response: Change the query object by adding the appropriate number of values for attributes to the query term.

Source: Java or C++ APIs

DGL7119A **Invalid DKQTerm: Invalid attribute value list for multi-value operator [*nnn*] .**

Explanation: Multi-value operators (for example, BETWEEN, IN) require two or more attribute values to be set.

User response: Specify the appropriate number of attribute values for this operator.

Source: Java or C++ APIs

DGL7120A **Invalid DKQTerm: Attribute name and values must be NULL in a term that has children.**

Explanation: The structure of this query term is incorrect. If the term has other terms as its children, then it should not have an attribute name or attribute values set. You cannot define a term that has both 1) children set and 2) either an attribute name or attribute values set.

User response: Change the query term to either

represent a parent for other terms or to be a leaf term with an attribute condition.

Source: Java or C++ APIs

DGL7121A **Invalid DKQTerm: One of the children terms cannot be NULL for operator [*nnn*] .**

Explanation: This operator (for example, AND, OR) requires that both children query terms be specified.

User response: Set both children terms inside of this query term or choose a different operator.

Source: Java or C++ APIs

DGL7122A **Invalid DKQTerm: Both of the children terms cannot be non-NULL for operator [*nnn*] .**

Explanation: For an operator such as NOT, only one of the child query terms can be set.

User response: Specify only one child term inside of this query term or use a different operator.

Source: Java or C++ APIs

DGL7123A **Invalid DKQTerm: Both of the child terms cannot be NULL for operator [*nnn*].**

Explanation: For an operator like NOT, one of the child query terms must be set.

User response: Specify one child term inside of this query term or use a different operator.

Source: Java or C++ APIs

DGL7124A **A resulting component type view [*nnn*] cannot be in BEFORE_REFERENCE_STATUS.**

Explanation: An internal error occurred.

User response: See your IBM service representative.

Source: Java or C++ APIs

DGL7125A **Cannot set invalid referenceStatus [*nnn*] for ComponentTableAlias.**

Explanation: An internal error occurred.

User response: See your IBM service representative.

Source: Java or C++ APIs

DGL7126A **Cannot set invalid referenceAttrID = [*nnn*] for ComponentTableAlias.**

Explanation: An internal error occurred.

User response: See your IBM service representative.

Source: Java or C++ APIs

DGL7127A **DOTDOT operator cannot be the target of the de-reference for forward traversal of references. For example, a query such as /Conference/Conference_Note/ @SYSREFERENCEATTRS = >. . is invalid because the ellipsis operator (. . .) must not be the target of the reference. Only the asterisk (*) or a user-defined component type view can be used.**

Explanation: You cannot use the (...) operator as the target of the de-reference for forward traversal of references.

User response: Change the query string to use the appropriate component type view as the target for forward traversal of references, for example, /Conference/Conference_Note/@SYSREFERENCEATTRS = > Book.

Source: Java or C++ APIs

DGL7128A **DOTDOT operator cannot follow target of the dereference for forward traversal of references because cannot go higher than root component. For example, "/Journal/Journal_Article/ @SYSREFERENCEATTRS = > Book/..".**

Explanation: You cannot use the dotdot (..) operator to follow the target of the dereference for forward traversal of references.

User response: Remove the (..) from the query string.

Source: Java or C++ APIs

DGL7129A **The internal query component type views [*nnn*] cannot be used as root component type views.**

Explanation: One of the listed component type views was incorrectly used as if it were a root component type view. For example, in a query string "/REFERENCEDBY/@REFERENCER = > Conference_Note", REFERENCEDBY does not have a parent component type view.

User response: Add a parent component type view to the query. For example, "Book/REFERENCEDBY/ @REFERENCER = > Conference_Note".

Source: Java or C++ APIs

DGL7130A **Current version function is not supported. Use latest version function instead.**

Explanation: The query language only recognizes the

latest-version function to retrieve the latest version of a component.

User response: A query such as "/Journal[@VERSIONID = current-version(.)] " should be rewritten to "/Journal[@VERSIONID = latest-version(.)]".

Source: Java or C++ APIs

DGL7131A **Latest version function supports only DOT operator with no predicates.**

Explanation: One example of the appropriate use of the latest-version function is "/Journal[@VERSIONID = latest-version(.)". The dot (.) as a function parameter refers to the component type view in current context (Journal in this example).

User response: Rewrite your query to use the dot (.) as an argument to the latest-version function.

Source: Java or C++ APIs

DGL7132A **Latest version function can only be used with relative context.**

Explanation: An example of the appropriate use of the latest-version function is "/Journal[@VERSIONID = latest-version(.)]".

User response: Rewrite the query by making sure that the function is applied in the context of one or more component type views.

Source: Java or C++ APIs

DGL7133A **Latest version function cannot be used with a context in BEFORE_REFERENCE_STATUS.**

Explanation: An internal error occurred.

User response: See your IBM service representative.

Source: Java or C++ APIs

DGL7134A **Item type [*nnn*] associated with this projection list is not a valid item type in the library server.**

Explanation: This item type associated with this projection list cannot be found in the library server.

User response: Check the item type definition in the library server and change the projection list accordingly.

Source: Java or C++ APIs

DGL7135A **In DKNVPair[] options for retrieve, DK_CM_PARM_RETRIEVE does not map to a value that is of integer type.**

Explanation: You have passed in a retrieve option value that is not an integer value. In DKNVPair[ ]

options for retrieve, `DK_CM_PARM_RETRIEVE` does not map to a value that is of integer type.

User response: Make sure that the retrieve option value is of the type integer.

Source: Java or C++ APIs

DGL7136A   Component being retrieved is item type [*nnn*] which is not the same as item type [*nnn*] associated with supplied projection list.

Explanation: You tried to retrieve a component with projections, but the projection list does not have the same item type as the component.

User response: Make sure that you are passing in the correct projection list for this retrieval.

Source: Java or C++ APIs

DGL7137A   While processing projection list for each item type, encountered a DKNVPair that contains name of item type [*nnn*]. The DKNVPair value must be of type dkCollection. The dkCollection is supposed to be the projection list for that item type.

Explanation: The constructed projection list for this item type does not map to a value of dkCollection.

User response: Make sure that the value is of type dkCollection.

Source: Java or C++ APIs

DGL7138A   In DKNVPair[] options for retrieve, DK_CM_PARM_RETRIEVE was specified but no retrieve integer value was supplied.

Explanation: You specified a retrieve option but no integer value was supplied.

User response: Make sure that you have supplied an integer retrieve option.

Source: Java or C++ APIs

DGL7139A   In DKNVPair[] options for retrieve, DK_CM_PARM_PROJECTION_LIST was specified but no projection list of type DKNVPair[ ] was supplied.

Explanation: Specified passing in a projection list, but no projection list value was supplied.

User response: Make sure that you have supplied a projection list of type DKNVPair[ ].

Source: Java or C++ APIs

DGL7140A   In DKNVPair[] options for retrieve, DK_CM_PARM_PROJECTION_LIST does not map to a value that is of type DKNVPair[ ].

Explanation: You passed in a projection list a value that is not of type DKNVPair[ ].

User response: Make sure that the projection list value is of type DKNVPair[ ].

Source: Java or C++ APIs

DGL7141A   Parent component of [*nnn*] cannot be found in the library server.

Explanation: While verifying the child-parent component relationships in a projection list, the parent component of this child cannot be found in the library server.

User response: Check the parent of this child component and change the projection list accordingly.

Source: Java or C++ APIs

DGL7142A   Invalid escape sequence in a query string.

Explanation: Examples of valid escape sequences are \t or \n, but \23 is an invalid example.

User response: Change the query string by changing or removing the invalid use of the escape sequence.

Source: Java or C++ APIs

DGL7143A   Unterminated string at end of line inside of a query string.

Explanation: Your query string might contain a line feed or a newline.

User response: Change your query string to make sure that it is all on one line.

Source: Java or C++ APIs

DGL7144A   Illegal character [*nnn*] in query string.

Explanation: This character is not supported by the query language.

User response: Change or remove the invalid character from the query string.

Source: Java or C++ APIs

DGL7145A   Argument [*nnn*] is not a valid argument to function [*nnn*] because this function does not support a node (for example, a component type view) as a parameter.

Explanation: For example, in the query string "/Journal[contains-text(Journal_Article, \" 'XML'

\")=1] ", the text search function requires an attribute as the first argument.

User response: Rewrite your query string. For example, "/Journal[contains-text(Journal_Article/ @Title, \" 'XML' \")] ".

Source: Java or C++ APIs

DGL7146A **The query string is too long or too complex.**

Explanation: The database query that is generated for the specified query is too long or too complex to be run by the database.

When IBM Content Manager processes an XPath query, it translates the query into an SQL statement that runs against the IBM Content Manager database to produce the wanted results. This error means that the SQL that was generated for the XPath query became too long or too complex for the database to run.

Most likely, the query contains too many wildcards (*) and did not have enough hints with the wildcards to permit the system to shorten the list of possible views for the wildcards. When a wildcard (*) is used, the system automatically expands the wildcard to all possible views in the system that are accessible to this user and that are authorized at the specified level in the hierarchy (for example, root, children of a specific view, and so on). The system automatically limits the list of possible views, based on other information provided next to the wildcard. If the resulting expanded query is beyond the maximum length of an SQL string that is permitted by the underlying database, this error is returned.

If you have not defined any additional views in your system (also referred to as item type subsets), a base view is used with the same name as each item type and child component type.

User response: You can reduce the likelihood of encountering this error by using the following tactics.

- Avoid or limit the use of wildcards (*). Wildcards are the primary cause of this error.
- List all wanted views instead of using a wildcard. There is a reasonable chance that your application is interested in less than the total list of possible views. If you are not interested in system-defined type views or views that are used by other applications, explicitly providing a list can reduce the length of the generated SQL. For example, instead of using the query "/*", you can use "/Book | /Journal | /Conference".
- Use a single forward slash if you are only interested in root components, and not any child components, that meet the search criteria. Using "/*" instead of "//*" permits the system to include only root component type views, and exclude any child components. The double-slash requests any child of

any type at any level; the forward slash requests only a fraction of available types on some systems.

- Provide any known parent component type view names. If you want to search all of the children of a particular type view, specify any type of ancestor. The system limits the types to only those possible under that parent type. For example, instead of using "//*", use something like "/Book/*", "/Book//*", "//*/Paragraph//*", and so on.
- If you know of any attribute that is common to any of the levels through which you traverse, specify them. The system can determine which are the possible item types that have such attributes, and it can significantly limit the search results. For example, instead of using "//*", use "//*[@customerNum] ", "/*/*[@pages] //*", and so on.

Source: Java or C++ APIs

DGL7150A **Only parts, not contents (such as scanned image), of a document can be used as objects of affiliated types (for example, DK_CM_Annotation).**

Explanation: You tried to set the affiliated types to resource items, which are only associated with parts.

User response: Set the affiliated types to parts.

Source: Java or C++ APIs

DGL7151A **Invalid affiliated type.**

Explanation: The affiliated type can only be one of the predefined affiliation types defined in DKConstant.java. The following is a list of the predefined affiliated types:

- `public final static int DK_CM_ANNOTATION = 8;`
- `public final static int DK_CM_HISTORY = 16;`
- `public final static int DK_CM_EVENT = 16;        // same as history`
- `public final static int DK_CM_NOTE = 64;`
- `public final static int DK_CM_BASE = 128;          // normal object`
- `public final static int DK_CM_MGDS = 2048;`

User response: Do not define a new affiliated type. Use the predefined affiliation types defined in DKConstant.java.

Source: Java or C++ APIs

DGL7152A **An attempt was made to retrieve the object that is in copy pending state.**

Explanation: If the object is not replicated, the object is in copy pending state and no user retrieval of the object is permitted.

User response: Try the request again after the object is stored.

Source: Java or C++ APIs

DGL7153A   **An attempt was made to retrieve the object that is in replace pending state.**

Explanation: If the object is locked by the replicator with replace pending flag, the replicator must update the object. No user retrieval of the object is tolerated.

User response: Try the request again after the object is replaced.

Source: Java or C++ APIs

DGL7154A   **No data (content) space found for this resource item.**

Explanation: The content is not set for this item. So retrieve the metadata only.

User response: Set the content for the item and update. Then call retrieve with DK_CM_CONTENT_ONLY or DK_CM_CONTENT_YES.

Source: Java or C++ APIs

DGL7155A   **An attempt was made to replace the object that is in copy pending state.**

Explanation: The object is currently locked by the replicator for copy pending. An attempt to replace an object which is copy pending state is not allowed.

User response: Wait until the replicator completes its operation.

Source: Java or C++ APIs

DGL7156A   **An attempt was made to replace the object that is in replace pending state.**

Explanation: The object is currently locked by the replicator and marked as to-be-replaced. An attempt to replace an object which is in replace pending state is not allowed.

User response: Wait until the replicator completes its operation.

Source: Java or C++ APIs

DGL7157A   **The user exit has a DLL name but not a function name, or it has a function name but not a DLL name.**

Explanation: A user exit routine must have both or neither of the DLL name and function name.

User response: Correct the user exit routine to include the DLL name and function name.

Source: Java or C++ APIs

DGL7158A   **Cannot find the workflow ICM container because the workflow configuration for ICM is not correct.**

Explanation: An advanced workflow ICM container data is not correct.

User response: Import the correct container data into the system.

Source: Java or C++ APIs

DGL7159A   **You have passed in an invalid projection string [nnn] which must be [nnn] in order to project component [nnn] with attribute [nnn].**

Explanation: The projection list you passed contains an invalid string for the projection of attribute [nnn]. A projection list is a collection of strings that are fully qualified names.

User response: Verify the fully qualified names contained in collection of strings are being passed in as the projection list.

Source: Java or C++ APIs

DGL7160A   **Failed to replace data on the resource manager.**

Explanation: The system failed to replace content or data on the resource manager.

User response: Retry the request and if the problem persists, see your system administrator.

Source: Java or C++ APIs

DGL7161A   **Failed to retrieve data from the resource manager.**

Explanation: Failed to retrieve content or data from the resource manager. The validation information stored on the library server and resource manager are not synchronized.

User response: Retry the request and if the problem persists, see your system administrator.

Another option is to resynchronize the encryption key by completing the following steps:

1. Log on to the system administration client.
2. Select **Content Manager** > **Library Server** > **Library Server Parameters** > **Configurations**.
3. Right-click **Library Server Configuration** in the right pane, and click **Properties**.
4. Click **Refresh encryption key**.
5. Click **OK**.
6. Log out of the system administration client.
7. Repeat the operation that generated the error. If you do not receive DGL7161A, then the key was refreshed successfully.

Source: Java or C++ APIs

DGL7162A   Failed to store the content of a part of a document on the resource manager.

Explanation: Failed to store the content of a part of a document to the resource manager.

User response: Retry the request and if the problem persists, see your system administrator.

Source: Java or C++ APIs

DGL7163A   Failed to replace the content of a part of a document on the resource manager.

Explanation: Failed to replace the content of a part of a document on the resource manager.

User response: Retry the request and if the problem persists, see your system administrator.

Source: Java or C++ APIs

DGL7164A   Failed to retrieve the content of a part of a document from the resource manager.

Explanation: Failed to retrieve the content of a part of a document from the resource manager.

User response: Retry the request and if the problem persists, see your system administrator.

Source: Java or C++ APIs

DGL7165A   Failed to catalog the file [*nnn*] with path [*nnn*] on the resource manager.

Explanation: Failed to catalog the given file on the resource manager.

User response: Retry the request and if the problem persists, see your system administrator.

Source: Java or C++ APIs

DGL7166A   Failed to change the storage of the object from System Managed Storage (SMS) collection [*nnn*] to [*nnn*] on the resource manager.

Explanation: Failed to change the storage of the given object from one collection to another.

User response: Retry the request, and if the problem persists, see your system administrator.

Source: Java or C++ APIs

DGL7167A   Failed to query the storage information of the object from System Managed Storage (SMS) collection [*nnn*].

Explanation: Failed to query the storage of the given object from the resource manager.

User response: Retry the operation and if the problem persists, see your system administrator.

Source: Java or C++ APIs

DGL7168A   The parameters supplied for the partial retrieval of the object are not valid.

Explanation: The parameters supplied to retrieve the object partially are not valid.

User response: Refer to *Application Programming Reference* for the validity of parameters and retry the request with valid parameters.

Source: Java or C++ APIs

DGL7169A   Failed to retrieve from the LAN cache of the resource manager.

Explanation: Failed to retrieve data from the LAN cache of the resource manager.

User response: Retry the request and if the problem persists, see your system administrator.

Source: Java or C++ APIs

DGL7170A   Failed to get the content URL to retrieve the content from the resource manager.

Explanation: Failed to get the content Web address to retrieve the content from the resource manager.

User response: Retry the request and if the problem persists, see your system administrator.

Source: Java or C++ APIs

DGL7171A   Failed to get the content URL to store the content to the resource manager.

Explanation: Failed to get the content Web address to store the content to the resource manager.

User response: Retry the request and if the problem persists, see your system administrator.

Source: Java or C++ APIs

DGL7172A   Failed to get the InputStream object to retrieve the content from the resource manager.

Explanation: None.

User response: Retry the request and if the problem persists, see your system administrator.

Source: Java or C++ APIs

DGL7173A   Failed to connect to the resource manager.

Explanation: A connection to the resource manager could not be established.

User response: Retry the request and if the problem persists, see your system administrator.

Source: Java or C++ APIs

DGL7174A   Invalid System Managed Storage (SMS) collection name supplied for change storage request.

Explanation: The DKStorageManageInfoICM extension object added to this DKLOBICM does not have a valid collection name set. The collection name might not exist on the server.

User response: Specify a valid collection to the DKStorageManageInfICM extension object and retry the request.

Source: Java or C++ APIs

DGL7175A   The password for this user can only be changed manually, because the user ID is both a system user ID and an IBM Content Manager user ID.

Explanation: The password for this user can only be changed manually, because the user ID is both a system user ID and an IBM Content Manager user ID.

User response: Manually change the password for this database user ID (for example, User Manager on Windows or SMIT on AIX).

Source: Java or C++ APIs

DGL7176A   Retrieve option DK_CM_CONTENT_CHILDREN was specified but none of the DDOs present in the collection had any children to be retrieved.

Explanation: The DK_CM_CONTENT_CHILDREN option was specified, which retrieves the children of the current level of the DDOs, but none of the DDOs present in the collection had any children to be retrieved.

User response: This is not a valid option for this collection of DDOs. Try the option again with a DDO collection that has children.

Source: Java or C++ APIs

DGL7177A   The specified MIME type %1 was not found in the content management datastore.

Explanation: The specified MIME type is not registered to the content management datastore.

User response: Register the MIME type to the datastore or contact your system administrator.

Source: Java or C++ APIs

DGL7178A   The executable handler program name is invalid. An executable handler program can be any application or .exe file.

Explanation: The executable handler program name is either not set or invalid.

User response: Set the valid executable handler program name and try the request again.

Source: Java or C++ APIs

DGL7179A   The executable handler program name %1 cannot be found.

Explanation: The executable handler program name cannot be located i n the current environment.

User response: Specify the executable handler program with the absolute path and try the request again.

Source: Java or C++ APIs

DGL7180A   The following operation is not supported in the context of the part. A part cannot be directly added to datastore.

Explanation: A part cannot be directly added to the datastore. Parts are added to a document, and the document is added to datastore.

User response: Add the part to a document, and then add or update the document to the datastore.

Source: Java or C++ APIs

DGL7181A   The following operation is not supported in the context of the part. A part cannot be directly updated to datastore.

Explanation: A part cannot be directly updated to the datastore. Updated Parts are added to the document, and the document is updated to datastore.

User response: Add the part to a document, and then add or update the document to the datastore.

Source: Java or C++ APIs

DGL7182A   Resource manager returned with the RC = %1, and the message is %2

Explanation: This message records the resource manager return code and the message.

User response: See your system administrator or IBM service representative.

Source: Java or C++ APIs

DGL7183A **The group could not be added to IBM Content Manager or IBM Information Integrator for Content because of an error in MQ Workflow Server.**

Explanation: The group cannot be added to IBM Content Manager or IBM Information Integrator for Content because of an error in MQ Workflow Server.

User response: Check that all users in the group are MQ Workflow users.

Source: Java or C++ APIs

DGL7184A **The resource manager or System Managed Storage (SMS) collections in the replica rules must be in the same domain.**

Explanation: The resource manager or Storage Management Subsystem (SMS) collections in the replica rules must be in the same domain.

User response: Make sure that all resource manager or SMS collections in the replica rules are all in the same domain.

Source: Java or C++ APIs

DGL7185A **IBM Content Manager Version 8, Release 1 client is using an IBM Content Manager Version 8, Release 2 server with replication enabled.**

Explanation: Replication is not supported for IBM Content Manager Version 8.1 clients.

User response: Disable replication on the IBM Content Manager 8.2 server or use an IBM Content Manager 8.2 client.

Source: Java or C++ APIs

DGL7186A **Resource manager [%1] is not online and/or available.**

Explanation: The resource manager is not available or online.

User response: Contact your system administrator, or specify a different resource manager that is available and is online.

Source: Java or C++ APIs

DGL7187A **An error occurred while updating the replica rules.**

Explanation: An error occurred while updating existing replication rules from the resource manager collection.

User response: Use any additional error information

returned, such as error messages, error states, and error codes, in conjunction with the library server log, to help determine the source of the problem.

Source: Java or C++ APIs

DGL7188A **Resource managers [%1] , [%2] are not online and/or available.**

Explanation: The default resource manager or the best replica resource manager is not available or is not online.

User response: Contact your system administrator, or specify a different resource manager that is available and is online.

Source: Java or C++ APIs

DGL7190A **A blank or zero-length string is not allowed as a value for [%1].**

Explanation: Blanks or zero-length strings are not allowed as values in the database.

User response: Make sure that your string value is not empty.

DGL7191A **The installed version of library server does not support the specified destroy option.**

Explanation: The library server version ID indicates that the library server is of a version that does not support the destroy functionality.

User response: Upgrade the library server to a version that supports the destroy functionality.

Source: Java or C++ APIs

DGL7192A **The attribute used for auto-linking cannot be nullable.**

Explanation: The system cannot use nullable attribute for the autolinking because it will have linking functionality problem at runtime.

User response: Make sure to define attribute as nullable false for both the source component type and target component type.

Source: Java or C++ APIs

DGL7193A **The values specified for the fkeyValues parameter could not be processed.**

Explanation: The fkeyValues DKNVPair array could not be read.

User response: Ensure that the fkeyValues DKNVPair array was properly constructed.

Source: Java or C++ APIs

DGL7194A **Invalid foreign key attribute (column) name** *%1* **specified.**

Explanation: The attribute [*%1*] could not be found in this foreign key.

User response: Make sure that the specified attribute exists for this foreign key.

Source: Java or C++ APIs

DGL7195A **Invalid foreign key attribute column sequence number was specified.**

Explanation: The column sequence could not be found in this foreign key for this attribute.

User response: Make sure that the specified attribute exists for this foreign key.

Source: Java or C++ APIs

DGL7196A **Error occurred while defining the component type. The length of the unique key exceeds the limit.**

Explanation: Unique key or primary key cannot be defined using a LONG VARCHAR column. The unique key or primary key column length cannot exceed 1024.

User response: Modify the primary key or unique key definition to conform to the key length limit.

Source:

DGL7200A **The orkflow action item ID [*%1*] does not exist.**

Explanation: None.

User response: Check the proper database log file for the error in loading and unloading the DLL database library or database wrapper library. Correct the error and reload and unload again.

Source: Java or C++ APIs

DGL7201A **This workflow action component ID [*%1*] does not exist.**

Explanation: This could be the result of program internal cache out of sync with data in the system; a possible scenario would be document routing definition objects (such as workflow actions) are modified by the system administration client while the application session (that is, eClient) is still connecting to the library server.

User response: Try to restart the application program to see if this helps. If problem persists, contact the application developer or IBM service for assistance.

Source: Java or C++ APIs

DGL7202A **This workflow action name is not set.**

Explanation: The workflow action name is null or an empty string and can not be added to the datastore.

User response: Correct the program and retry the operation.

Source: Java or C++ APIs

DGL7203A **This workflow action [*%1*] does not exist.**

Explanation: The program attempts to retrieves or delete a workflow action that does not exist in the system.

User response: Correct the program and retry the operation.

Source: Java or C++ APIs

DGL7204A **This workflow action [*%1*] already exists.**

Explanation: The program attempts to add a workflow action that already exists in the system.

User response: Correct the program and retry the operation.

Source: Java or C++ APIs

DGL7205A **Failed to add this workflow action [*%1*].**

Explanation: The program encounters an unexpected error while adding a workflow action definition object to the library server.

User response: Check the application, operating system and library server logs for details.

Source: Java or C++ APIs

DGL7206A **This workflow action list item ID** *%1* **does not exist.**

Explanation: This could be the result of program internal cache out of sync with data in the system; a possible scenario would be document routing definition objects (such as workflow action lists) are modified by the system administration client while the application session (that is, eClient) is still connecting to the library server.

User response: Try to restart the application program to see if this helps. If problem persists, contact the application developer or IBM service for assistance.

Source: Java or C++ APIs

DGL7207A **This workflow action list component ID %1 does not exist.**

Explanation: This could be the result of program internal cache out of sync with data in the system; a possible scenario would be document routing definition objects (such as workflow action lists) are modified by the system administration client while the application session (that is, eClient) is still connecting to the library server.

User response: Try to restart the application program to see if this helps. If problem persists, contact the application developer or IBM service for assistance.

Source: Java or C++ APIs

DGL7208A **This workflow action list name is not set.**

Explanation: The workflow action list name is null or an empty string and can not be added to the datastore.

User response: Correct the program and retry the operation.

Source: Java or C++ APIs

DGL7209A **This workflow action list %1 does not exist.**

Explanation: The program attempts to retrieves or delete a workflow action list that does not exist in the system.

User response: Correct the program and retry the operation.

Source: Java or C++ APIs

DGL7210A **This workflow action list %1 already exists.**

Explanation: The program attempts to add a workflow action list that already exists in the system.

User response: Correct the program and retry the operation.

Source: Java or C++ APIs

DGL7211A **Failed to add this workflow action list %1.**

Explanation: he program encounters an unexpected error while adding a workflow action list definition object to the library server.

User response: Check the application, operating system and library server logs for details.

Source: Java or C++ APIs

DGL7212A **Workflow action %1 cannot be deleted or updated when being used in an action list.**

Explanation: The program is attempting to delete a workflow action that is being used by one or more workflow action list(s). This is not an allowed operation.

User response: Contact the application developer or IBM service for assistance.

Source: Java or C++ APIs

DGL7213A **Workflow action %1 icon cannot be greater than 4096 bytes.**

Explanation: The program attempts to add or update a workflow action with an icon that is greater than the maximum (4096 bytes).

User response: Contact the application developer or IBM service for assistance.

Source: Java or C++ APIs

DGL7214A **Failed to list workflow action lists.**

Explanation: The program encountered an unexpected error while listing workflow action lists on the library server.

User response: Check the application, operating system, and library server logs for details.

Source: Java or C++ APIs

DGL7215A **Workflow action %1 already exists in the workflow action list.**

Explanation: Workflow action list cannot contain duplicate entries of workflow actions.

User response: Correct the application or command, then perform the operation again.

Source: Java or C++ APIs

DGL7216A **Workflow action %1 does not exist in the workflow action list.**

Explanation: The program attempts to remove a workflow action not found in the workflow action list.

User response: Correct the application or command, then perform the operation again.

Source: Java or C++ APIs

DGL7217A **Failed to delete workflow action list %1.**

Explanation: The program attempts to delete a workflow action list that is being used by one or more worknode(s). This is not an allowed operation.

User response: Correct the application or command,

then perform the operation again.

Source: Java or C++ APIs

DGL7218A   Failed to update workflow action list
%1.

Explanation: The program encounters an unexpected error while updating a workflow action list on the library server.

User response: Check the application, operating system, and library server logs for details.

Source: Java or C++ APIs

DGL7219A   Failed to retrieve workflow action list
%1.

Explanation: The program encounters an unexpected error while retrieving a workflow action list from the library server.

User response: Check the application, operating system and library server logs for details.

Source: Java or C++ APIs

DGL7220A   Failed to list workflow actions.

Explanation: The program encounters an unexpected error while listing workflow actions on the library server

User response: Check the application, operating system, and library server logs for details.

Source: Java or C++ APIs

DGL7221A   Failed to delete workflow action %1.

Explanation: The program encounters an unexpected error while updating workflow actions on the library server.

User response: Check the application, operating system, and library server logs for details.

Source: Java or C++ APIs

DGL7222A   Failed to update workflow action %1.

Explanation: The program encounters an unexpected error while updating workflow actions on the library server.

User response: Check the application, operating system, and library server logs for details.

Source: Java or C++ APIs

DGL7223A   Failed to retrieve a workflow action
[%1].

Explanation: The program encounters an unexpected error while retrieving workflow actions from the library server.

User response: Check the application, operating system, and library server logs for details.

Source: Java or C++ APIs

DGL7224A   Process with same name %1 already
exists.

Explanation: You are attempting to define a document routing process, but a process with the same name already exists in the system.

User response: Correct the application or command, then perform the operation again.

Source: Java or C++ APIs

DGL7225A   One of the DLLs could not be loaded,
which is indicated in the exception.

Explanation: This error is normally caused by one of the following reasons

- DLL is actually missing, or
- The schema name was specified incorrectly either at logon, or in the .ini files.

User response: If DLL is missing, make sure it still exists. The DLL might not be installed, or else the DLL was deleted, or moved. Make sure that the cmbicmsrvs.ini and cmbds.ini files are set with a valid SCHEMA choice.

Source: Java or C++ APIs

DGL7226A   Unsupported text index type %1 is set
for attribute or item type.

Explanation: The text index type used is not supported on the database. The type of text index that you set must match the type of database on which the library server runs. To create a text index for any supported database, use the dkGenericTextIndexOptionsICM. See the *Application Programming Guide*, SC27-1347, for more information.

User response: Change the text index used to the type corresponding to the type of database on which the library server runs.

Source: Java or C++ APIs

DGL7227A   Unsupported text search function %1 is
used in XQPE query.

Explanation: The function used is not supported on the database. See the *Application Programming Guide*,

SC27-1347, for more information about the supported text search functions.

User response: Change the text search function used to one that is supported by the database that the library server is running on.

Source: Java or C++ APIs

DGL7228A **Item can only be prefetched to default resource manager associated with item type.**

Explanation: If the item is created in a user default resource manager, and then the item is requested for prefetch, then the operation is not valid because the supported operation is to prefetch the item to item type default resource manager. The prefetch collection of the item type default resource manager is not valid in the context of the user default resource manager.

User response: After the item is created, there is no other way to prefetch this object. In the future, make sure to create the item only in item type default resource manager to use prefetch function

Source: Java or C++ APIs

DGL7229A **Item cannot be prefetched if it has no content associated with it.**

Explanation: Prefetch operation is to prefetch the content in the resource manager associated with this item to the prefetch collection. If there is no content associated with the item requested for prefetch, then the item cannot be prefetched.

User response: Update the item with content and then retry this operation.

Source: Java or C++ APIs

DGL7230A **%1 operation failed.**

Explanation: This is a generic message for a failure that occurred within the component that you are working.

User response: Check the log file for the component.

Source: Java or C++ APIs

DGL7231A **%1 operation is not supported in the context of document-part.**

Explanation: This is a generic message. Operation %1 is not supported when the instance of DKLobICM is in the context of part.

User response: Check the log file of the component you are working with.

Source: Java or C++ APIs

DGL7232A **Prefetch collection %1 associated with item type is not a prefetch collection.**

Explanation: Collection %1 associated with item type definition of is not tagged as prefetch collection.

User response: Update prefetch collection of the item type with valid prefetch collection.

Source: Java or C++ APIs

DGL7233A **%1 operation is not supported for %2 operating system.**

Explanation: This is a generic message. The operation %1 is not supported for a specific platform.

For example, a given operation might not be supported when the resource manager is on a z/OS platform.

User response: Check the log file of the component you are working with.

Source: Java or C++ APIs

DGL7234A **Item cannot be %1 if it has no content associated with it.**

Explanation: The requested operation cannot be performed because there is no content associated with this item in the resource manager.

User response: Update the item with content and then retry this operation. Review logs for more information.

Source: Java or C++ APIs

DGL7235A **setDefaultACL() method is not supported for this release of library server.**

Explanation: This method is unsupported for the release of the library server before IBM Content Manager Version 8.3.

User response: Update the library server version so it can use this method.

Source: Java or C++ APIs

DGL7236A **Worknode with same name %1 already exists.**

Explanation: You are attempting to define a document routing worknode, but a worknode with the same name already exists in the system.

User response: Correct the application or command, then perform the operation again.

Source: Java or C++ APIs

DGL7237A   **Unknown IBM Content Manager annotation element** *%1* **is found under the object definition** *%2***.**

Explanation: The given element is not part of supported annotation within the given object definition.

User response: Remove the element, and repeat the operation.

Source: Java APIs

DGL7238A   **Namespace is not supported in the IBM Content Manager data model.**

Explanation: The IBM Content Manager data model does not provide XML-like namespace support.

User response: Remove the target namespace from the XML schema file.

Source: Java APIs

DGL7239A   **The resource manager object** *%1* **that you are importing already exists in target system.**

Explanation: The resource manager object that you are importing exists in target system, hence it cannot be created.

User response: Check the log file, and fix the XML document accordingly.

Source: Java APIs

DGL7240A   **The resource manager object** *%1* **that you are importing is dependent on the import element definition** *%2* **which does not exist in the target system.**

Explanation: The definition of the resource manager object you are importing is dependent on the existence of another resource manager object that does not exist in the target system.

User response: Check the target system to make sure dependency objects are defined before invoking import.

Source: Java APIs

DGL7241A   **The retrieving resource manager object** *%1* **is null.**

Explanation: The resource manager object being exported does not exist in the target system.

User response: Check the target system to make sure objects are defined before invoking export.

Source: Java APIs

DGL7242A   **Cannot update an item that has been declared as a record.**

Explanation: This item has been declared as a record, and is read only.

User response: Contact your records administrator to update the item.

Source: Java or C++ APIs

DGL7243A   **Cannot import an item with a record attribute set to 'yes', or with a record ID that is not null.**

Explanation: An item cannot be imported with record attributes that indicate it has been declared as a record.

User response: Import the item with a record attribute set to 'no' and record ID set to null. The item can be declared as a record after it has been imported.

Source: Java or C++ APIs

DGL7244A   **Cannot delete an item that has been declared as a record.**

Explanation: This item has been declared as a record and cannot be deleted.

User response: Contact your records administrator to delete the item.

Source: Java or C++ APIs

DGL7245A   **This function is not implemented in this release [***%1***] .**

Explanation: This function is not implemented in this specified release.

User response: Use this function when supported in the future release.

Source: Java or C++ APIs

DGL7246A   **An unsupported text index definition element** *%1* **is set for attribute or item type.**

Explanation: The given text index type is not supported on the database. The type of text index set must match the type of database the library server is run on.

User response: Change the text index definition element to match the database type that the library server is running on.

Source: Java or C++ APIs

DGL7247A   Error occurred while updating user access control list.

Explanation: An error occurred while updating a user access control list.

User response: Use additional error information returned, such as error message, error state, and error code, in conjunction with the library server log, to help determine the source of the problem.

Source: Java or C++ APIs

DGL7248A   Error occurred while retrieving user access control list.

Explanation: An error occurred while retrieving a user access control list.

User response: Use additional error information returned, such as error message, error state, and error code, in conjunction with the library server log to help determine the source of the problem.

Source: Java or C++ APIs

DGL7249A   The attribute [*%1]* on the component type view [*%2*] in the item type view [*%3*] is of the type BLOB or CLOB.

Explanation: Filters cannot be defined for attributes of the type BLOB or CLOB.

User response: Please use an attribute of a different type to set a filter condition.

Source: Java or C++ APIs

DGL7250A   Invalid operation. The LOB/Part must be retrieved before attempting this operation.

Explanation: The LOB/Part does not have the required metadata to perform this operation. The problem could happen when the document has been retrieved but the parts comprising the documents have not been explicitly retrieved. This error might also occur when an LOB has been instantiated with only a PID and the unsuccessful operation was attempted on the instance of the LOB before the retrieve method was invoked.

User response: Retrieve the LOB/Part explicitly before attempting this operation again.

Source: Java or C++ APIs

DGL7251A   Invalid SMS collection name.

Explanation: An invalid SMS collection name was specified.

User response: Provide an existing SMS collection name.

Source: Java or C++ APIs

DGL7252A   An item type classified as DKConstantICM.DK_ICM_ITEMTYPE _CLASS_ITEM cannot be enabled for DKConstantICM.DK_ICM_RETRIEVE _CONTENT_EVENT events.

Explanation: You can only enable DKConstantICM.DK_ICM_RETRIEVE _CONTENT_EVENT for item types that are classified as DK_ICM_ITEMTYPE_CLASS_DOC_MODEL or DKConstantICM.DK_ICM_ITEMTYPE _CLASS_RESOURCE_ITEM.

User response: In the item type definition, disable logging any events of type DKConstantICM.DK_ICM_RETRIEVE _CONTENT_EVENT.

Source: Java or C++ APIs

DGL7253A   An empty row was returned while listing the library server control parameters.

Explanation: An invalid library server ID occurred while listing the library server configuration parameters. An empty row was return from the library server.

User response: Check the library server ID in the ICMSTNLSKeywords and ICMSTSYSCONTROL tables, and make sure that it is valid.

Source: Java or C++ APIs

DGL7254A   The query timed out, and the query execution was not finished within the specified time-out value [*%1*]

Explanation: The query execution took longer than the time that you specified.

User response: Increase the time-out value for the query to finish.

Source: Java or C++ APIs

DGL7255A   The feature '%1' is not supported by the library server in this release [%2] .

Explanation: This feature is not implemented in this specified release.

User response: Use this feature when it is available.

Source: Java or C++ APIs

DGL7256A **The PID/Record ID Combination corresponding to this PID is not found.**

Explanation: This PID does not exist in the PID-to-RecordID mapping table.

User response: Make sure that the PID is correct.

Source: Java or C++ APIs

DGL7257A **The PID/Record ID Combination corresponding to this Record ID is not found.**

Explanation: This Record ID does not exist in the PID-to-RecordID mapping table.

User response: Make sure that the Record ID is correct.

Source: Java or C++ APIs

DGL7258A **The PID/Record ID Combination is not found.**

Explanation: This PID-to-Record-ID mapping does not exist in the PID-to-RecordID mapping table.

User response: Make sure that the PID-to-Record-ID combination is correct.

Source: Java or C++ APIs

DGL7259A **The PID/Record ID Combination already exists.**

Explanation: You are attempting to add a PID-to-Record-ID mapping that already exists in the PID-to-RecordID mapping table.

User response: Make sure that the PID-to-Record-ID combination is correct.

Source: Java or C++ APIs

DGL7260A **Records management function ability not implemented in this version of the library server.**

Explanation: Records enablement is not implemented in this version of the library server.

User response: Upgrade your version of the library server.

Source:

DGL7261A **A record cannot be created.**

Explanation: Creation of a record is a two-step process. Create an item, and then update the managed record property of that item to make it a record.

User response: Set the ManagedRecord property in the DDO to false, and try the request again.

Source: Java or C++ APIs

DGL7262A **To update an item, which is a managed record, DKConstant ICM.DK_ICM_FORCE_UPDATE must be passed to update the call.**

Explanation: IBM Content Manager prevents any updates to an item that is declared as managed record.

User response: To update an item that is a managed-record, pass DK_ICM_FORCE_UPDATE to update call.

Source: Java or C++ APIs

DGL7263A **Document-part, which is a managed record, cannot be deleted.**

Explanation: If a document-part is a managed record, IBM Content Manager does not allow any attempt to delete the part. For example, a document D1V1 has two parts P1V1 and P2V1. A new version of D1, D1V2, is created, and D1V2 shares P1V1 and P2V1. If D1V2 is declared as the managed record. Any attempt to delete P1V1 of D1V1 causes this error.

User response: Undeclare the document-part as a record, and try the operation again.

Source: Java or C++ APIs

DGL7264A **Maximum version limit reached and the oldest version item happens to be a record.**

Explanation: The maximum version limit for an item is reached, and the oldest version is a managed-record. For example, item IT1 has 2 versions, IT1V1 and IT1V2, and ITV2 is a managed record. The maximum-versions limit for the item is 2. If there is an attempt to update IT1V1, this error occurs.

User response: Increase the maximum-versions limit for the item or undeclare the managed-record status of the item.

Source: Java or C++ APIs

DGL7265A **If an item is a managed-record, it cannot be updated or deleted.**

Explanation: If an item is a managed record, you cannot update or delete it.

User response: Undeclare the item as a record, and try the operation again.

Source: Java or C++ APIs

DGL7266A   Deleting a part of a document-item failed.

Explanation: Possible causes include insufficient privilege or the fact that the item is a managed record.

User response: See the specific ICM message for details about the error.

Source: Java or C++ APIs

DGL7267A   Cannot add a new part to a document-item.

Explanation: Possible causes include insufficient privilege or the fact that the item is a managed record.

User response: See the specific ICM message for details about the error.

Source: Java or C++ APIs

DGL7268A   Cannot create a new version of managed record.

Explanation: IBM Content Manager does not allow creating a new version of managed record.

User response: See the specific ICM message for details about the error.

Source: Java or C++ APIs

DGL7269A   Cannot delete an item, because cascading delete rule resulted in the deletion of a record.

Explanation: You cannot delete an item, because cascading delete rule, when enforced, resulted in deletion of an item that is managed record.

User response: See the specific ICM message for details about the error.

Source: Java or C++ APIs

DGL7270A   The attempted operation resulted in an update of a part that is shared with different versions of an item, and that item is a managed record.

Explanation: When an operation, for example, update or delete, is attempted on a part of a document and that part is shared with different versions of an item which is a managed record, an error occurs.

User response: See the specific ICM message for details about the error.

Source: Java or C++ APIs

DGL7271A   The reindex operation was attempted on a managed record.

Explanation: You cannot reindex a managed record.

User response: See the specific ICM message for details about the error.

Source: Java or C++ APIs

DGL7272A   An item type cannot be enabled for records when there is no IBM Records Manager host associated with IBM Content Manager.

Explanation: An item type can be enabled for records only when there is an IBM Records Manager host associated with IBM Content Manager.

User response: Disable this item type for records or associate an IBM Records Manager with IBM Content Manager and try this operation again.

Source: Java or C++ APIs

DGL7273A   An item type cannot be updated from record enabled to record disabled.

Explanation: The library server does not allow you to update an item type from record enabled to record disabled.

User response: Do not modify an item type from record enabled to record disabled. Try to copy the existing item type to a new item type with record disabled, then delete the old item type.

Source: Java or C++ APIs

DGL7274A   The link object from the source DDO A to the target DDO B of the link type C already exists in the system.

Explanation: You tried to add a link between the source DDO A and the target DDO B, but this link already exists.

User response: Do not attempt to add this link to the system.

Source: Java or C++ APIs

DGL7275A   Cannot set the item type to record enabled.

Explanation: The system record enablement flag is off. Whenever this flag is off, you cannot set the item type to record enabled.

User response: Turn the system record enablement flag on before attempting to set this item type to record enabled.

Source: Java or C++ APIs

DGL7276A   *%1* **method is not supported under CICS or IMS on the z/OS operating system.**

Explanation: This method is not supported under CICS or IMS on the z/OS operating system.

User response: Methods such as DKDatastoreICM.execute() and executeWithCallback() are not supported when running under CICS or IMS on the z/OS operating system. A suggested alternative to the execute() method is to use the evaluate() method instead.

Source: Java or C++ APIs

DGL7281A   **During an update operation, no event subscription was found in the library server.**

Explanation: The event subscription might have been deleted, or if a new instance of the event subscription object was used, the event subscription ID was 0.

User response: Find an event subscription object by retrieving the event subscription list from the library server. Use the retrieved object to make your changes. Then, submit the object for update.

Source: Java or C++ APIs

DGL7282A   **During a delete operation, no event subscription was found in the library server.**

Explanation: The event subscription might have been deleted, or if a new instance of the event subscription object was used, the event subscription ID was 0.

User response: Find an event subscription object by retrieving the event subscription list from the library server. Then, submit the object for deletion.

Source: Java or C++ APIs

DGL7283A   **The event subscription cannot be added.**

User response: Use the error message, error state, error code, and the library server log to help you determine the source of the problem. Information about the Java, C++, and IBM Information Integrator for Content connector logging is available at http://publib.boulder.ibm.com/infocenter/cmgmt/v8r4m0/topic/com.ibm.programmingcm.doc/dcmlt028.htm. Information about the library server log is available at http://publib.boulder.ibm.com/infocenter/cmgmt/v8r4m0/topic/com.ibm.installingcm.doc/dcmit322.htm.

Source: Java or C++ APIs

DGL7284A   **The event subscription cannot be updated.**

User response: Use the error message, error state, error code, and the library server log to help determine the source of the problem. Information about the Java, C++, and IBM Information Integrator for Content connector logging is available at http://publib.boulder.ibm.com/infocenter/cmgmt/v8r4m0/topic/com.ibm.programmingcm.doc/dcmlt028.htm. Information about the library server log is available at http://publib.boulder.ibm.com/infocenter/cmgmt/v8r4m0/topic/com.ibm.installingcm.doc/dcmit322.htm.

Source: Java or C++ APIs

DGL7285A   **The event subscription cannot be deleted.**

User response: Use the error message, error state, error code, and the library server log to help determine the source of the problem. Information about the Java, C++, and IBM Information Integrator for Content connector logging is available at http://publib.boulder.ibm.com/infocenter/cmgmt/v8r4m0/topic/com.ibm.programmingcm.doc/dcmlt028.htm. Information about the library server log is available at http://publib.boulder.ibm.com/infocenter/cmgmt/v8r4m0/topic/com.ibm.installingcm.doc/dcmit322.htm.

Source: Java or C++ APIs

DGL7286A   **The event subscription could not be listed.**

User response: Use the error message, error state, error code, and the library server log to help determine the source of the problem. Information about the Java, C++, and IBM Information Integrator for Content connector logging is available at http://publib.boulder.ibm.com/infocenter/cmgmt/v8r4m0/topic/com.ibm.programmingcm.doc/dcmlt028.htm. Information about the library server log is available at http://publib.boulder.ibm.com/infocenter/cmgmt/v8r4m0/topic/com.ibm.installingcm.doc/dcmit322.htm.

Source: Java or C++ APIs

DGL7287A   **The data store name for a new folder does not match the data store name in the parent folder persistent ID.**

Explanation: The data store name provided in the input property array does not match the data store name in the input parent folder VWAttachment ID field.

User response: Before you call the IBM Content Manager content operations function, provide an IBM Content Manager parent folder persistent ID that contains the same data store name as the newly created folder.

Source: Java or C++ APIs

DGL7288A   During an add operation of an event subscription definition, the event subscription ID was not zero.

Explanation: This might be caused by using an existing instance of the event subscription object.

User response: Before you run the add operation, create a different event subscription class object. Information about adding an event subscription for an item type is available at http://publib.boulder.ibm.com/infocenter/cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/dcmbp040.htm.

Source: Java or C++ APIs

DGL7289A   The attribute name in the event subscription attribute definition object does not exist.

Explanation: An attribute name was not provided in the event subscription attribute definition object, the attribute does not exist in the library server, or the attribute does not exist for the item type.

User response: Provide an attribute name in the event subscription attribute definition object. Information about creating an attribute is available at http://publib.boulder.ibm.com/infocenter/cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/mddh2010.htm.

Source: Java or C++ APIs

DGL7290A   The BLOB or CLOB attribute type cannot be used for defining or updating an event subscription attribute definition object.

User response: Do not choose attribute types BLOB or CLOB when you define or update an event subscription attribute definition object. Information about creating an attribute is available at http://publib.boulder.ibm.com/infocenter/cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/mddh2010.htm.

Source: Java or C++ APIs

DGL7291A   Add or update operations can have only one mapped attribute name in the event subscription definition object.

User response: For add or update operations, ensure that the same mapped attribute names are not specified more than once in the event subscription definition object.

Source: Java or C++ APIs

DGL7292A   The item type name in the event subscription definition object does not exist.

User response: In the event subscription definition object, specify a valid item type name that exists in the library server database. Information about creating an item type is available at http://publib.boulder.ibm.com/infocenter/cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/mddh2043.htm.

Source: Java or C++ APIs

DGL7293A   The add or update action of an event subscription object has the same value in the unique index of the ICMSTEVENTSUBSCRIPTIONS table as another entry in the table.

User response: Specify different values for columns in the unique index.

Source: Java or C++ APIs

DGL7294A   The IBM Content Manager login module does not have a CallbackHandler for the LoginContext.

User response: Contact IBM Software Support.

Source: Java or C++ APIs

DGL7295A   The login configuration file in the IBM Content Manager login module does not have a serversList option.

Explanation: The serversList option was not specified.

User response: Add the serversList option to the login configuration file. Information about configuring IBM FileNet Business Process Manager login modules is available at .http://publib.boulder.ibm.com/infocenter/cmgmt/v8r4m0/topic/com.ibm.programmingcm.doc/dcmbp043.htm

Source: Java or C++ APIs

DGL7296A   The login configuration file in the IBM Content Manager login module does not have a server specified in the serversList option.

Explanation: There were no servers specified in the serversList option.

User response: Add a serversList option in the login module for the IBM Content Manager library server. Information about configuring IBM FileNet Business Process Manager login modules is available at http://publib.boulder.ibm.com/infocenter/cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/dcmbp043.htm.

Source: Java or C++ APIs

DGL7297A   **The IBM Content Manager content operations function could not connect to the library server.**

Explanation: The library server name that was entered for the content operations function is not in the serversList option in the login module's login configuration file.

User response: Ensure that the library server is in the serversList option in the login configuration file. Information about configuring IBM FileNet Business Process Manager login modules is available at http://publib.boulder.ibm.com/infocenter/cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/dcmbp043.htm.

Source: Java or C++ APIs

DGL7298A   **No library type for the IBM Content Manager content operations function was specified.**

Explanation: The VWAttachment library type field was not set to the IBM Content Manager library type.

User response: Before you call any IBM Content Manager content operations function, provide an IBM Content Manager library type.

Source: Java or C++ APIs

DGL7299A   **The data store name in the IBM Content Manager content operations function is an undefined value (null), or empty string.**

Explanation: The VWAttachment library name field was not set.

User response: Before you call the IBM Content Manager content operations function, provide an existing IBM Content Manager library server data store name.

Source: Java or C++ APIs

DGL7300A   **The persistent ID string in the IBM Content Manager content operations function cannot be an undefined value (null), or empty string.**

Explanation: The VWAttachment ID field was not set.

User response: Before you call the IBM Content Manager content operations function, provide an IBM Content Manager persistent ID string.

Source: Java or C++ APIs

DGL7301A   **The datastore name in the IBM Content Manager content operations function does not match the datastore name in the persistent ID.**

Explanation: The VWAttachment library name field in the IBM Content Manager content operations function does not have the same library server name as the persistent ID that is stored in the ID field.

User response: Before you call the IBM Content Manager content operations function, provide an IBM Content Manager library server datastore name that matches the data store name in persistent ID.

Source: Java or C++ APIs

DGL7302A   **The attribute name in the IBM Content Manager content operations function is not valid.**

User response: Before you call the IBM Content Manager content operations function, provide a valid IBM Content Manager attribute name. Information about creating an attribute is available at http://publib.boulder.ibm.com/infocenter/cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/mddh2010.htm.

Source: Java or C++ APIs

DGL7303A   **The attribute name in the IBM Content Manager content operations function does not have a corresponding data type.**

User response: Ensure the IBM Content Manager attribute name contains a corresponding data type in IBM Content Manager.

Source: Java or C++ APIs

DGL7304A   **The initialization function in the IBM Content Manager content operations function cannot access the subject object.**

Explanation: There was an unexpected internal error in the Content Manager content operations interface with FileNet BPM.

User response: To help diagnose the cause of this error have the dklog information available, and then contact IBM Software Support.

Source: Java or C++ APIs

DGL7305A   **The initialization function in the IBM Content Manager content operations function cannot load the IBM Content Manager principal object.**

Explanation: There was an unexpected internal error

in the Content Manager content operations interface with FileNet BPM.

User response: To help diagnose the cause of this error have the dklog information available, and then contact IBM Software Support.

Source: Java or C++ APIs

DGL7306A **The initialization function in the IBM Content Manager content operations function cannot access the IBM Content Manager principal object.**

Explanation: There was an unexpected internal error in the Content Manager content operations interface with FileNet BPM.

User response: To help diagnose the cause of this error have the dklog information available, and then contact IBM Software Support.

Source: Java or C++ APIs

DGL7307A **The IBM Content Manager content operations function requires a VWAttachment object or array of VWAttachment objects.**

Explanation: The VWAttachment object in the IBM Content Manager content operations function was null, there was a null array of VWAttachment objects, or a zero length VWAttachment array.

User response: Ensure the IBM Content Manager content operations function contains a VWAttachment object or an array of VWAttachment objects. Information about DKContentOperationsICM APIs that are supported by IBM Content Manager is available at http://publib.boulder.ibm.com/infocenter/cmgmt/ v8r4m0/topic/com.ibm.administeringcm.doc/ dcmbp028.htm.

Source: Java or C++ APIs

DGL7308A **The event code was not set for the event subscription definition object.**

User response: Specify an event code for the event subscription definition object. Information about event subscription methods is available at http://publib.boulder.ibm.com/infocenter/cmgmt/ v8r4m0/topic/com.ibm.administeringcm.doc/ dcmbp038.htm.

Source: Java or C++ APIs

DGL7309A **The application type was not set for the event subscription definition object.**

User response: Specify an application type for the event subscription definition object. Information about event subscription methods is available at http://publib.boulder.ibm.com/infocenter/cmgmt/

v8r4m0/topic/com.ibm.administeringcm.doc/ dcmbp038.htm.

Source: Java or C++ APIs

DGL7310A **The integration type was not set for the event subscription definition object.**

User response: Specify an integration type for the event subscription definition object. Information about event subscription methods is available at http://publib.boulder.ibm.com/infocenter/cmgmt/ v8r4m0/topic/com.ibm.administeringcm.doc/ dcmbp038.htm.

Source: Java or C++ APIs

DGL7311A **The process integration type requires a process ID and mapping attributes for the event subscription definition object.**

User response: Provide a process ID and at least one mapping attribute for the event subscription definition object. Information about event subscription methods is available at http://publib.boulder.ibm.com/infocenter/ cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/ dcmbp038.htm.

Source: Java or C++ APIs

DGL7312A **The event subscription definition object general integration type cannot have a process ID or mapping attributes.**

User response: Set the process ID and all mapping attribute names to an empty string. Information about event subscription methods is available at http://publib.boulder.ibm.com/infocenter/cmgmt/ v8r4m0/topic/com.ibm.programmingcm.doc/ dcmbp038.htm.

Source: Java or C++ APIs

DGL7313A **The TIME attribute is not allowed in the event subscription attribute definition.**

User response: Select different attribute types when you define or update an event subscription attribute definition object. Information about event subscription methods is available at http://publib.boulder.ibm.com/ infocenter/cmgmt/v8r4m0/topic/ com.ibm.administeringcm.doc/dcmbp038.htm.

Source: Java or C++ APIs

DGL7314A **The number of items in the queryMaxResultsList option in the IBM Content Manager login module configuration file does not match the number of library servers specified for the serverList option.**

User response: In the login configuration file login module, specify the same number of items for the queryMaxResultsList option and the serverList option. Information about configuring IBM FileNet Business Process Manager login modules is available at http://publib.boulder.ibm.com/infocenter/cmgmt/ v8r4m0/topic/com.ibm.administeringcm.doc/ dcmbp043.htm.

Source: Java or C++ APIs

DGL7315A **The IBM Content Manager content operations function has an incorrect keyword in the input property array.**

User response: In the IBM Content Manager content operations function, provide a keyword in the input property array. Information about supported DKContentOperationsICM APIs in IBM Content Manager is available at http:// publib.boulder.ibm.com/infocenter/cmgmt/v8r4m0/ topic/com.ibm.administeringcm.doc/dcmbp028.htm.

Source: Java or C++ APIs

DGL7316A **The item type name in the IBM Content Manager content operations function does not exist.**

User response: Before calling the IBM Content Manager content operations function, provide an existing item type name. Information about supported DKContentOperationsICM APIs in IBM Content Manager is available at http:// publib.boulder.ibm.com/infocenter/cmgmt/v8r4m0/ topic/com.ibm.administeringcm.doc/dcmbp028.htm.

Source: Java or C++ APIs

DGL7317A **The item type child component name in the IBM Content Manager content operations function does not exist.**

User response: Before you call the IBM Content Manager content operations function, provide an existing child component name. Information about supported DKContentOperationsICM APIs in IBM Content Manager is available at http:// publib.boulder.ibm.com/infocenter/cmgmt/v8r4m0/ topic/com.ibm.administeringcm.doc/dcmbp028.htm.

Source: Java or C++ APIs

DGL7318A **The item type name in the IBM Content Manager content operations function input property array does not match the item type name in the persistent ID.**

Explanation: The item type in the input property array of the IBM Content Manager content operations function does not match the item type name in the persistent ID string of the input VWAttachment object ID field.

User response: Before you call the IBM Content Manager content operations function, ensure the persistent ID comes from the provided item type name in the input property array. Information about DKContentOperationsICM APIs that are supported in IBM Content Manager is available at http://publib.boulder.ibm.com/infocenter/cmgmt/ v8r4m0/topic/com.ibm.administeringcm.doc/ dcmbp028.htm..

Source: Java or C++ APIs

DGL7319A **The input property array syntax in the IBM Content Manager content operations function is not valid for the operation.**

User response: Ensure the input property array contains the syntax needed to perform the operation. Information about DKContentOperationsICM APIs that are supported in IBM Content Manager is available at http://publib.boulder.ibm.com/infocenter/cmgmt/ v8r4m0/topic/com.ibm.programmingcm.doc/ dcmbp038.htm.

Source: Java or C++ APIs

DGL7320A **The number of child component attribute values in the IBM Content Manager content operations function did not match the existing number of child component attribute values for the document, folder, or item in IBM Content Manager.**

User response: For an update function, ensure that the number of child component attribute values matches the number for the document, folder, or item in IBM Content Manager. Information about DKContentOperationsICM APIs that are supported in IBM Content Manager is available at http://publib.boulder.ibm.com/infocenter/cmgmt/ v8r4m0/topic/com.ibm.administeringcm.doc/ dcmbp028.htm.

Source: Java or C++ APIs

DGL7321A **The child component attribute name in the IBM Content Manager content operations function was previously used in the input property array.**

User response: For an update function, ensure that the number of child component attribute values matches the number for the document, folder, or item in IBM Content Manager. Information about DKContentOperationsICM APIs that are supported in IBM Content Manager is available at http://publib.boulder.ibm.com/infocenter/cmgmt/ v8r4m0/topic/com.ibm.administeringcm.doc/ dcmbp028.htm.

Source: Java or C++ APIs

DGL7322A   The MIME type should not be set for documents, folders, or items that come from an item type with an item classification.

Explanation: The documents, folders, or items with an item classification do not contain content.

User response: Ensure that the MIME type is not specified for documents, folders or items with an item classification.

Source: Java or C++ APIs

DGL7323A   The content should not be set for documents, folders, or items that come from an item type with an item classification.

Explanation: The documents, folders, or items with an item classification do not contain content.

User response: Ensure that content is not specified for the documents, folders or items with an item classification.

Source: Java or C++ APIs

DGL7324A   The MIME type should be set for documents, folders, or items with content that come from an item type with a resource or document model classification.

User response: Ensure that resource items or document model items with non-null content have MIME type specified.

Source: Java or C++ APIs

DGL7325A   A document, folder, or item in the IBM Content Manager content operations function was not found.

Explanation: A document, folder, or item cannot be removed from an existing folder when the document, folder, or item is not part of that existing folder.

User response: Ensure that the item type is not a MIME type. Information about DKContentOperationsICM APIs that are supported in IBM Content Manager is available at http://publib.boulder.ibm.com/infocenter/cmgmt/ v8r4m0/topic/com.ibm.administeringcm.doc/ dcmbp028.htm.

Source: Java or C++ APIs

DGL7326A   There are no documents, folders, or items to process in the IBM Content Manager content operations function.

User response: Provide one or more input documents, folders, or items.

Source: Java or C++ APIs

DGL7327A   The data store name for a new folder in the IBM Content Manager content operations function does not match the data store name in the parent folder persistent ID.

Explanation: The data store name that is provided in the input property array does not match the data store name in the input parent folder VWAttachment ID field.

User response: Ensure that the item type is not a MIME type. Information about DKContentOperationsICM APIs that are supported in IBM Content Manager is available at http://publib.boulder.ibm.com/infocenter/cmgmt/ v8r4m0/topic/com.ibm.administeringcm.doc/ dcmbp028.htm.

Source: Java or C++ APIs

DGL7328A   An attribute value of a certain data type is too large to be converted to another data type.

Explanation: For example, an integer attribute value in the Content Operations function was too large to convert to a short value in Content Manager.

User response: Specify or retrieve an attribute value that can be represented in the converted data type.

Source: Java or C++ APIs.

DGL7329A   The item type name you specified, %1, is a document part. Document part item types are not allowed in an event subscription definition object.

User response: Specify an item type name that is not a document part item type in an event subscription definition object.

Source: Java or C++ APIs.

DGL7333A   The database connection failed due to an error in the DriverManager.getConnection() or the equivalent C++ method. The exception message was: %1.

Explanation: Because the exception is not known, no further explanation can be given.

User response: For diagnostic information to help you correct the error, look up the SQL RC (return code) and SQL STATE values shown in the exception message.

For DB2® users, look up the SQL RC and SQL STATE values in the IBM Information Center https://publib.boulder.ibm.com/infocenter/db2luw/

v9r7/topic/com.ibm.db2.luw.common.doc/doc/
t0021844.html.

For Oracle users, look up the SQL RC and SQL STATE
values in one of the sites dedicated to Oracle errors,
such as http://www.oracle.com/technology/
documentation/index.html.

DGL7334A **The library server connection failed due to an error in the DKDatastoreICM connect() method. The library server return message was: %1.**

Explanation: Because the library server return message is not known, no further explanation can be given.

User response: The library server return code and message provides diagnostic information meant to help you with this error. For additional information on the error, search the IBM Content Manager Information Center https://publib.boulder.ibm.com/infocenter/db2luw/v9r7/topic/com.ibm.db2.luw.common.doc/doc/t0021844.html for information on the return code.

DGL7335A **The disconnect to the library server failed due to an error in the DKDatastoreICM disconnect() method. The library server return message was: %1.**

Explanation: Because the library server return message is not known, no further explanation can be given.

User response: The library server return code and message provides diagnostic information meant to help you with this error. For additional information on the error, search the IBM Content Manager Information Center https://publib.boulder.ibm.com/infocenter/db2luw/v9r7/topic/com.ibm.db2.luw.common.doc/doc/t0021844.html for information on the return code.

DGL7336A **Using the FileReader class, the IBM Content Manager cmbicmsrvs.ini file was not found. The detail error message is: %1.**

Explanation: Because the detail error message is not known, no further explanation can be given.

User response: Ensure that the cmbicmsrvs.ini file exists, and that it is in the directory specified by the cmbcmenv.properties file.

DGL7337A **Validation of the database connection failed because of an error in the DKDatastoreICM validateConnection() method. The detail error message is: %1.**

Explanation: Because the detail error message is not known, no further explanation can be given.

User response: This is an informational message that shows in the IBM Content Manager API log file. The name of the IBM Content Manager API log file is ${user.name}.dklog.log.

No user action is required.

DGL7346A **The API version, %1, is not compatible with the installed library server. The connection to the library server is rejected.**

Explanation: The library server supports multiple versions of APIs, but the API version used is not supported by the installed library server.

User response: Each installed library server should have a Readme file that shows the supported API versions. Install one of the supported versions, then try again.

DGL7347A **The feature '%1' is not supported by resource manager in this release [%2].**

Explanation: This feature is not implemented in this specified release.

User response: Use this feature when it is available.

DGL7348A **The feature '%1' is only supported by z/OS resource manager.**

Explanation: This feature is not supported in multiplatform resource manager.

User response: Only use this feature if the resource manager platform is z/OS.

DGL7349A **The ICM$NAME attribute cannot be set to nullable during create or update of a hierarchical item type.**

Explanation: No further explanation is required.

User response: Do not set the ICM$NAME attribute to nullable when creating or updating a hierarchical item type.

DGL7350A **The ICM$NAME attribute cannot have a default value during create or update of a hierarchical item type.**

Explanation: No further explanation is required.

User response: Do not set the ICM$NAME attribute default value and default type when creating or updating a hierarchical item type.

| DGL7355A | The parent folder DDO property DK_ICM_PROPERTY_PARENT_FOLDER cannot be set before updating a DDO.

Explanation: Changing the parent folder when updating a dynamic data object is not allowed.

User response: Modify your application to ensure the parent folder property is not set before calling an update. To change the parent folder of an item use the moveToFolder() method.

| DGL7356A | The resource manager configuration %1 was not found.

Explanation: The application tried to retrieve a resource manager configuration that does not exist. This might be caused by another user deleting the configuration.

User response: Ensure that you are using the correct name to retrieve the configuration.

Workflow builder messages

The workflow builder messages describe problems and possible solutions for diagrams, nodes, user exits, and other workflow problems.

EHLE0039E   Collection point does not exist.

Explanation: The specified collection point does not exist.

User response: Double-click the error message to open the Collection Point Properties window. Specify a collection point or specify a new one.

EHLE0040E   Subprocess does not exist.

Explanation: The subprocess that is specified in this node does not exist.

User response: Double-click the error message to open the Subprocess Definition window. Select an existing process as the subprocess.

EHLE0041E   Business application does not exist.

Explanation: The business application that is specified in this business application node does not exist.

User response: Double-click the error message to open the Business Application Properties window. Select an existing business application or specify a new one.

EHLE0042E   Work node does not exist.

Explanation: The work node that is selected in this work node does not exist.

User response: Double-click the error message to open the Properties window. Select an existing work node or specify a new one.

EHLE0043W Potential loop; check your connector criteria.

Explanation: A loop might occur because the connector does not contain proper continuation or branch criteria.

User response: Click the error message to select the connector in the diagram. Then examine each connector to ensure it has the proper criteria.

EHLE0044E   A route from a split node must be closed with a join node.

Explanation: Ensure that you have a match pair of split and join nodes in the diagram.

User response: Examine the diagram to ensure that all

split nodes have corresponding join nodes.

EHLE0045A   The diagram has more than one {start}.

Explanation: Certain nodes cannot be specified more than once. For example, a complete process can only have one start node.

User response: Review your work and remove the superfluous node.

EHLE0045E   This node cannot connect to a join node.

Explanation: Only certain nodes can connect to a join node. You cannot connect from a start node, split node, or stop node.

User response: Examine the diagram to ensure that you are connecting proper nodes to the join nodes.

EHLE0046A   The diagram does not have a {stop} mode.

Explanation: Certain nodes are required for the diagram to be complete. A complete process requires at least one start node, at least one stop node, and at least one work node.

User response: Review your work and add the appropriate node to the diagram.

EHLE0046E   Cannot branch into a node that is inside a split-join block.

Explanation: Split-join pairs are treated as a block and you cannot branch into the middle of the block.

User response: Remove any connections to or from a node that is between split and join nodes.

EHLE0047A   No path was found from the node [*nnn*] to the node [*nnn*] .

Explanation: A path is missing between the given nodes.

User response: The node in error is highlighted on the workflow process diagram and in the summary table. Attach a connector to the identified node so that it is joined with the rest of the workflow process diagram.

Source: Workflow builder

EHLE0047E   A route that ends at a join node must

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begin at a split node.

Explanation: Ensure that you have match pairs of split and join nodes in the diagram.

User response: Examine the diagram to ensure that all split nodes have corresponding join nodes.

EHLE0048E A node that is inside of a split and join block cannot branch out of the split and join block.

Explanation: Split-join pairs are treated as a block and cannot branch prematurely from the block.

User response: Remove any connections to or from a node that is between split and join nodes.

EHLE0049A No inbound connector exists for the {0}.

Explanation: The specified node must have an outbound connector.

User response: Click the error message and to select the node so that you can then add an outbound connector from it.

EHLE0049E A node that is NOT PART of a split and join block cannot branch into the split and join block.

Explanation: Split-join pairs are treated as a block and you cannot branch into the middle of the block.

User response: Remove any connections to or from a node that is between split and join nodes.

EHLE0050E The decision point node must have a defined Otherwise route.

Explanation: You must define an Otherwise route for each decision point.

User response: Click the error message to select the decision point. Click the Connector tool and draw an outbound connector from the decision point to another node. Double-click the new connector to open the Decision Point window where you can specify this connector as the Otherwise route.

EHLE0051A No certain path was found from the {0} to the {1}, which might be due to an infinite loop.

Explanation: The continuity of the diagram is broken. There appears to be no path between the two specified nodes. There must be continuity from the nodes to the stop node.

User response: Click the error message to select the node. You can then evaluate the path between the nodes.

EHLE0071A No condition criteria were defined for the DECISION NODE OUTBOUND connector.

Explanation: You must specify criteria for all of the outbound routes from decision points.

User response: Select the connector and click *Delete*.

EHLE0076W No action was specified in the action list to permit the {0} to continue.

Explanation: If the action list is constructed without a continue option, you can continue working. However, you will not be able to save the work or move on to the next step.

User response: Review the actions specified in your action lists to ensure that you have provided valid actions that users can take after they complete their tasks.

EHLE0079E No library name specified for the function.

Explanation: You must specify a library name for this business application node.

User response: Double-click the error message to open the Business Application Properties window. Specify a library name.

EHLE0079W The same {0} was used consecutively.

Explanation: The same node might be used in different processes, but can only be used once in the same process.

User response: Double-click the error message to open the Properties window. Select a different node or create a new one.

EHLE0080E One or more value nodes have not been viewed.

Explanation: Each value node must be edited to verify the data before verifying the template.

User response: Edit each value node to verify the data before verifying the template.

EHLE0081W No function name was specified for the DLL.

Explanation: You must specify a function name for this business application node.

User response: Double-click the error message to open the Business Application Properties window. Specify a function name.

EHLE0082E   One or more subworkflow nodes have not been viewed.

Explanation: Each subworkflow node must be edited to verify the data before verifying the template.

User response: Edit each subworkflow node to verify the data before verifying the template.

EHLE0083A   An inbound connector was detected on the {0} node.

Explanation: This node cannot have inboun d connectors.

User response: Select the connector and press *Delete*.

EHLE0084A   An outbound connector was detected on the {0} node.

Explanation: This node cannot have any outbound connectors.

User response: Select the connector and press *Delete*.

EHLE0085W   The {0} might be a part of an infinite loop.

Explanation: Although you can create loops, this message is a warning to make sure that you have specified criteria in the process to allow exiting from the loop.

User response: Review your work for valid route criteria.

EHLE0086A   No description was specified for the {0}.

Explanation: Although a description is usually optional, you must specify a description for the specified node.

User response: Double-click the error message and open the Properties window. Enter the description for the node.

EHLE0087E   A selection must be selected on the outgoing branch.

Explanation: In the Connection window, you must either select a connector or type a new one in the Name field.

User response: Double-click the error message to open the Connection window. Select a connector, or type the name for a new one in the Name field.

Document routing messages

Document routing messages describe problems and possible solutions for collection points, nodes, connectors, and other routing problems.

0000   An action list associated with the node [*nnn*] was modified and should be checked into the host.

Explanation: A modified action list was referenced that you should check in to the server.

User response: Check in the modified action list. From the Workflow Definition window, select **Action Lists**. Locate the modified action list used by this work node, and check it into the IBM Information Integrator for Content server.

Source: Workflow builder

EHLE0045A   The diagram has more than one start node.

Explanation: A diagram can contain only one start node. Your graphic process data file might have been corrupted.

User response: Delete the extra start node from your diagram.

EHLE0046A   The diagram does not have a node.

Explanation: You must have a start node and a stop node to have a valid workflow process diagram.

User response: You can correct the problem by adding a start or stop node.

EHLE0047A   No path was found from the node [*nnn*] to the node [*nnn*] .

Explanation: A path is missing between the given nodes.

User response: The node in error is highlighted on the workflow process diagram and in the summary table. Attach a connector to the identified node so that it is joined with the rest of the workflow process diagram.

Source: Workflow builder

EHLE0048A   No outbound connector exists for the node [*nnn*] .

Explanation: A node was located that does not have an outbound connector. The stop node is the only node that does not require an outbound connector. All other nodes must have an outbound connector.

User response: The node in error is highlighted on the

workflow process diagram and in the summary table. Attach an outbound connector to the identified node.

Source: Workflow builder

EHLE0049A   No inbound connector exists for the node [*nnn*] .

Explanation: A node was located that does not have an inbound connector. The start node, work node, and user-defined node are the only nodes that do not require an inbound connector. The stop node must have an inbound connector.

User response: The node in error is highlighted on the workflow process diagram and in the summary table. Attach an inbound connector to the identified node.

EHLE0051A   No certain path was found from the node [*nnn*] to the node [*nnn*] .

Explanation: All nodes must be connected, either directly or indirectly, to the stop node. A node was located that is not connected in any way to the stop node, or the path that leads to the stop node is part of a continuous loop.

User response: For workflow builder, the node in error is highlighted on the workflow process diagram and in the summary table. Attach a connector to the identified node so that, either directly or indirectly, a path to the stop node exists.

For document routing, click the error message to select the node. You can then evaluate the path between the nodes.

EHLE0052A   No name was specified for the node [*nnn*] .

Explanation: Although some nodes do not require a name, this specific node does.

User response: For workflow builder, the node in error is highlighted on the workflow process diagram and in the summary table. Double-click the node or edit the appropriate entry in the summary table. The node's property window is displayed, where you can specify a name and description for the node.

For document routing, double-click the error message to open the Properties window. Specify a name for the node.

EHLE0057A The action list associated with the node [*nnn*] no longer exists.

Explanation: The action list associated with the work node was deleted.

User response: The node in error is highlighted on the workflow process diagram and in the summary table. Double-click the node or edit the appropriate entry in the summary table. The Work Node window is displayed, where you can select a valid action list.

Source: Workflow builder

EHLE0063W A new action list associated with the node [*nnn*] should be checked into the host.

Explanation: A new action list was referenced that you should check in to the server.

User response: Check in the new action list. From the Workflow Definition window, select *Action Lists*. Locate the new action list used by this work node. Check it in to the host.

Source: Workflow builder

EHLE0065W An action list associated with the node [*nnn*] was modified and should be checked into the host.

Explanation: A modified action list was referenced that you should check in to the server.

User response: Check in the modified action list. From the Workflow Definition window, select **Action Lists**. Locate the modified action list used by this work node, and check it into the IBM Information Integrator for Content server.

Source: Workflow builder

EHLE0077A No action list was specified for the workbasket used in the node [*nnn*] .

Explanation: A work node was identified that does not have an action list assigned to it. Your graphic process data file might have been corrupted.

User response: The node in error is highlighted on the workflow process diagram and in the summary table. Double-click this node or edit the appropriate entry in the summary table. The (Work Node window) is displayed, where you can select a valid action list.

Source: Workflow builder

EHLE0077E The perform by value is no longer valid.

Explanation: The user ID or a group is no longer available.

User response: The node in error is highlighted on the workflow process diagram and in the summary table.

Double-click the node and select a new user ID or group.

Source: Workflow builder

EHLE0078E The notify person by value is no longer valid.

Explanation: The user ID is no longer available.

User response: The node in error is highlighted on the workflow process diagram and in the summary table. Double-click the node and select a new user ID.

Source: Workflow builder

EHLE0079E User exit is not valid or does not exist in DLL directory.

Explanation: This error is caused by an invalid notify after value.

User response: The node in error is highlighted on the workflow process diagram and in the summary table. Double-click the node and enter a correct notify after value. Examples of valid values are 5 days, 1 week, 2 hours, or 5 seconds.

Source: Workflow builder

EHLE0079W The same node was used consecutively.

Explanation: Two identical consecutive work nodes were located in the workflow process diagram. You can change the information specified in one of the nodes, or you can delete the additional work node.

User response: The node in question is highlighted on the workflow process diagram and in the summary table. Double-click the duplicate node or edit the appropriate entry in the summary table to change the node's properties. You can also delete one of the duplicate nodes. *Note:* You do not need to fix this problem to successfully verify the workflow process diagram.

Source: Workflow builder

EHLE0080E One or more value nodes have not been viewed.

Explanation: A value node has been placed on the drawing palette, and the node has not been edited.

User response: Edit each value node that has been placed on the palette and validate that the data defined for the node is correct.

Source: Workflow builder

EHLE0080W The application name must be of type .EXE or .DLL.

Explanation: This error is caused by an application name not being an .exe or .dll.

User response: Enter an application name that is an .exe or .dll.

Source: Workflow builder

EHLE0081E The following characters may not be used in the edit fields of the workflow value tab: right and left bracket, double quote, tilde, single quote. Update the workflow values tab and remove the invalid characters.

Explanation: The user variables defined in the value node have invalid characters. Invalid characters include right and left bracket ([ ]), double quotation marks ("), tilde (~), single quotation mark (').

User response: Remove any of the invalid characters from the workflow value fields.

Source: Workflow builder

EHLE0081W No entry point specified for the DLL.

Explanation: In the IBM Information Integrator for Content system administration client, the PC DLL box is checked but the entry point name is not specified.

User response: You must specify an entry point name if you have the PC DLL box checked.

Source: Workflow builder

EHLE0082E One or more subworkflow nodes have not been viewed. Each subworkflow node must be edited to verify the data before verifying the template.

Explanation: The error occurs whe n you drop a subworkflow node on the palette, connect it to the workflow, and run verify without opening the node and selecting a subworkflow.

User response: Before you verify the workflow

process diagram, you must open all the subworkflow nodes and select a subworkflow on the second page.

Source: Workflow builder

EHLE0084A An outbound connector was detected on the same node.

Explanation: Stop nodes cannot have outbound connectors. Your graphic process data file might have been corrupted.

User response: The connector in error is highlighted on the workflow process diagram and in the summary table. Delete this connector.

Source: Workflow builder

EHLE0085W The node [*nnn*] may be part of an infinite loop.

Explanation: All nodes must be connected, either directly or indirectly, to the stop node. A branching node was located that might be part of a continuous loop.

User response: The node in question is highlighted on the workflow process diagram and in the summary table. Take a careful look at the outbound connectors from this node to ensure that there is always a path to a stop node. *Tip:* You do not need to fix this problem to successfully verify the workflow process diagram.

Source: Workflow builder

EHLE0086A No description was specified for the connector.

Explanation: A collection point connector was located that does not have a description.

User response: You must specify a description for the identified connector. The connector in error is highlighted on the workflow process diagram and in the summary table. Double-click the node or edit the appropriate entry in the summary table. The Collection Point Event List window is displayed, where you can specify the description.

Source: Workflow builder

Document routing return codes

Document routing return codes and their meanings.

7500 The library server cannot locate the given document routing process name. The process name might not be defined yet or has already been deleted. Check its name and try again.

7501 The library server cannot locate the starting work node in the given document routing process name. Check to see if the given process is valid.

7502 The library server cannot locate the work node identified by the given work node item ID or the next work node from the current work node. Check the input to make sure it is valid.

7503	The library server cannot locate the work package identified by the given work package component ID and its work node item ID. Check the input to ensure it is valid.
7506	Cannot set the resume time for the item to be suspended.
7507	Action code specified is not valid.
7508	Menu or work node is not valid.
7509	Attempt to delete work node failed.
7510	Cannot locate requested target (document) item ID.
7511	Cannot locate requested target (document) item type ID.
7512	Cannot locate requested worklist.
7513	Last changed time in work package does not match the one recorded in the document routing process table.
7514	Failed while trying to delete the entries in the resume list table.
7515	Failed while trying to resume item.
7516	Invalid suspend unit specified (1 = hours, 2 = days).
7517	Invalid suspend duration specified (must be greater than or equal to zero).
7518	Expected a resume list structure but struct ID did not match.
7519	Item type specified in resume list struct is out of range.
7520	Item type specified in resume list struct could not be found.
7521	Quantity required for item type in resume list is invalid (must be greater than or equal to zero).
7522	Failed while trying to change priority of work item.
7523	Failed while trying to suspend item.
7524	Library sever detects a collection point looping back to itself in a document routing process.
7525	Suspend-by-item requires document type of folder.
7526	The requirements for the suspend-by-item resume list have already been met. No action was taken.
7527	This process is in use as a subprocess of another process, and cannot be deleted.
7528	This input workpackage has been routed to next work node, or has been handled and work packages for subprocess or split nodes has been generated.
7529	An attempt to delete a process failed because the process still contains work packages.
7590	The retrieve action has reached the maximum resource to return more item types. Retrieve items from fewer item types.

Library server messages

Library server messages describe problems and possible solutions for SQL errors, user access, data types and other problems.

0000 **Last changed time in work package does not match the one recorded in the document routing process table.**

Explanation: None.

User response: Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

Source: Library server

ICM4751 **Warning: Maximum number of logged users reached. See the value of the system control parameter MAXUSERS.**

Explanation: This is only a warning message. Logon is still allowed.

User response: Increase the maximum number of concurrent users and see your IBM service representative to purchase additional licenses. As an alternative, set the system action for reaching the maximum to warning, and logon will be allowed, even when the maximum number of users is reached.

Source: Library server

ICM7000 **Memory allocation error. Obtain the server log reporting the error and see your IBM service representative.**

Explanation: The library server cannot allocate memory for your attempted operation.

User response: See the server log for details and see your IBM service representative.

Information about setting the library server trace is available at http://publib.boulder.ibm.com/infocenter/cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/dcmlt018.htm.

Information about the library server log is available at http://publib.boulder.ibm.com/infocenter/cmgmt/v8r4m0/topic/com.ibm.installingcm.doc/dcmit322.htm

Source: Library server

ICM7001 **The attribute being changed is already used in a component type.**

Explanation: You tried to change an attribute, but the attribute is already used in a component type.

User response: Do not try to change an attribute that is already in use.

Source: Library server

ICM7003 **This is an internal error. See your IBM service representative.**

User response: See your IBM service representative.

Source: Library server

ICM7004 **Internal error building the data stream for communicating between the client and the server. Set TRACELEVEL in table ICMSTSYSCONTROL to -63, run the application again, save the server log, and see your IBM service representative.**

Explanation: The trace level in the table, ICMSTSYSCONTROL must be reset.

User response: Follow the recommended action in the message text.

Information about setting the library server trace is available at http://publib.boulder.ibm.com/infocenter/cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/dcmlt018.htm.

Information about the library server log is available at http://publib.boulder.ibm.com/infocenter/cmgmt/v8r4m0/topic/com.ibm.installingcm.doc/dcmit322.htm

Source: Library server

ICM7005 **Internal error parsing the data stream for communicating between the client and the server. Set TRACELEVEL in table ICMSTSYSCONTROL to -63, run the application again, save the server l og, and see your IBM service representative.**

Explanation: The trace level in the table, ICMSTSYSCONTROL must be reset.

User response: Follow the recommended action in the message text.

Information about setting the library server trace is available at http://publib.boulder.ibm.com/infocenter/cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/dcmlt018.htm.

Information about the library server log is available at http://publib.boulder.ibm.com/infocenter/cmgmt/ v8r4m0/topic/com.ibm.installingcm.doc/dcmit322.htm.

Source: Library server

ICM7006 **The library server could not load the user exit DLL specified. The server log contains the fully qualified path name of the user exit. Verify the user exit exists at the target location with the proper permissions for read/execute access.**

Explanation: None.

User response: Verify the user exit exists at the target location with the proper permissions for read/execute access and rerun your operation.

Information about setting the library server trace is available at http://publib.boulder.ibm.com/infocenter/ cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/ dcmlt018.htm.

Information about the library server log is available at http://publib.boulder.ibm.com/infocenter/cmgmt/ v8r4m0/topic/com.ibm.installingcm.doc/dcmit322.htm

Source: Library server

ICM7007 **A component view definition is being created or updated and as a result the associated access statements are invalid. Retry your operation after the component view action currently in progress has been completed.**

Explanation: None.

User response: Retry your operation after the transaction updating or creating the component view has completed successfully. If your administrator has turned on the deferred DDL feature for DB2, see your administrator to run the generated DDL scripts, which create the item type and component view before retrying your operation,

Source: Library server

ICM7008 **An unexpected error occurred while generating the access statements for a component view. Refer to the server log for more details.**

Explanation: The library server encountered an error while generating access statements for a component view, but the nature of the error could not be determined.

User response: See the server log for details and see your IBM service representative.

Information about setting the library server trace is available at http://publib.boulder.ibm.com/infocenter/

cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/ dcmlt018.htm.

Information about the library server log is available at http://publib.boulder.ibm.com/infocenter/cmgmt/ v8r4m0/topic/com.ibm.installingcm.doc/dcmit322.htm

Source: Library server

ICM7009 **The attribute being defined already exists.**

Explanation: You tried to define an attribute that already exists in the library server.

User response: None.

Source: Library server

ICM7010 **The attribute name being defined already exists. This is an internal error. See your IBM service representative.**

Explanation: You tried to define an attribute name but that attribute name already exists.

User response: See your IBM service representative.

Source: Library server

ICM7011 **A user exit does not contain the required function name. Review the documentation for the exit to determine the proper function name and parameters.**

Explanation: The library server has loaded the user exit library. However, the required function name with parameters for this user exit cannot be found.

User response: Contact your content management administrator or the owner of the user exit to debug the problem.

Source: Library server

ICM7013 **SQL Type not supported in AutoFoldering. Run the application again with the trace level set to Detailed and Data. Save the server log and see your IBM service representative.**

Explanation: None.

User response: Follow the recommended action in the message text.

Information about setting the library server trace is available at http://publib.boulder.ibm.com/infocenter/ cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/ dcmlt018.htm.

Information about the library server log is available at http://publib.boulder.ibm.com/infocenter/cmgmt/ v8r4m0/topic/com.ibm.installingcm.doc/dcmit322.htm

Source: Library server

ICM7015   **During an SQL operation in the library server, an unexpected error occurred. For details on the error, refer to the database document.**

Explanation: This is a general SQL error. The extended return code, that is, SQL RC, might be any SQL return code.

For example, the following message might be displayed together with DGL3704.

If your database is DB2:

```
DGL3704A: Error found in component type
attribute;  ICM7015: During an SQL
operation in the library server, an
unexpected error occurred. For details
on the error, refer to the database
document. (STATE) : [LS RC = 7015, SQL
RC = -601 ]
```

If you use DB2 and the extended return code is -911 (the SQL code for deadlock or timeout), the error might be due to an attempt to retrieve an item at the exact moment another user was attempting to delete it.

User response: If you are a DB2 user, from a DB2 command prompt, enter:

```
DB2 ? SQLnnnn
```

or see *IBM DB2 Universal Database: Message Reference* GC09-2978 for more information. For example, if you received SQL RC = -601, enter:

```
DB2 ? SQL0601
```

You see the following DB2 message:

```
SQLCode -601
SQL0601N The name of the object to be created
is identical to the existing name name
of type type.
Explanation: The CREATE or ALTER statement
tried to create or add an object name when
an object of type type already exists with
that name on the application server or in the
same statement.
If type is FOREIGN KEY, PRIMARY KEY,
UNIQUE, or CHECK CONSTRAINT, the name is
the constraint name specified in the
ALTER NICKNAME, ALTER TABLE, CREATE NICKNAME
or CREATE TABLE statement or generated by
the system.
User Response: Either drop the existing
object or choose another name for the new object.
```

If the extended return code -911 is displayed while using the eClient, the Client for Windows, or a custom-developed application, retry the operation.

Source: Library server

ICM7016   **A request to create or update an item or component record was made, but no value was provided for an attribute that is defined as not null. Modify the application to require a value for any not null attributes.**

Explanation: You requested to create or update an item or component record, but you did not provide a value for an attribute that is defined as not null.

User response: Follow the recommended action in the message text.

Source: Library server

ICM7017   **The Reference resource component type should always be filtered out when getting an item.**

Explanation: None.

User response: Follow the recommended action in the message text.

Source: Library server

ICM7019   **The environment variable IBMCMROOT (version 8.3 and later) ICMROOT (version 8.1 and 8.2) is not defined.**

Explanation: IBMCMROOT is required.

User response: Define the environment variable IBMCMROOT.

Source: Library server

ICM7020   **An error occurred while accessing the table ICMSTSYSCONTROL. Refer to the server log for more information.**

Explanation: None.

User response: See the server log for more information and see your IBM service representative.

Information about setting the library server trace is available at http://publib.boulder.ibm.com/infocenter/cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/dcmlt018.htm.

Information about the library server log is available at http://publib.boulder.ibm.com/infocenter/cmgmt/v8r4m0/topic/com.ibm.installingcm.doc/dcmit322.htm

Source: Library server

ICM7022   **A directory could not be created. The library server log file shows the name of the directory and additional information that might have been captured.**

Explanation: None.

User response: See the server log for more information and see your IBM service representative.

Information about setting the library server trace is available at http://publib.boulder.ibm.com/infocenter/cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/dcmlt018.htm.

Information about the library server log is available at http://publib.boulder.ibm.com/infocenter/cmgmt/v8r4m0/topic/com.ibm.installingcm.doc/dcmit322.htm

Source: Library server

ICM7023 **The keyword has already been defined. This can be the result of internal checking, and can mean (for example) that the name of an object being defined from the system administration APIs already exists for that type of object. Enter a different name for the object, or correct the application.**

Explanation: None.

User response: Follow the recommended action in the message text.

Source: Library server

ICM7024 **When creating a user-defined link type, the name specified has already been used.**

Explanation: None.

User response: Specify a different name for this link type.

Source: Library server

ICM7025 **This is an internal error. See your IBM service representative.**

Explanation: None.

User response: See your IBM service representative.

Source: Library server

ICM7026 **The specified privilege or privilege set cannot be deleted because it is currently being used.**

Explanation: No further explanation is required.

User response: Do not attempt to delete the specified privilege or privilege set.

Source: Library server

ICM7027 **The name being defined already exists. Enter another name, or correct the application.**

Explanation: None.

User response: Follow the recommended action in the message text.

Source: Library server

ICM7028 **Used only for internal testing.**

Explanation: None.

User response: See your IBM service representative.

Source: Library server

ICM7029 **A rule for autofoldering failed.**

User response: Refer to the server log for more information.

Information about setting the library server trace is available at http://publib.boulder.ibm.com/infocenter/cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/dcmlt018.htm.

Information about the library server log is available at http://publib.boulder.ibm.com/infocenter/cmgmt/v8r4m0/topic/com.ibm.installingcm.doc/dcmit322.htm

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ICM7030 **Used only for internal testing.**

Explanation: None.

User response: See your IBM service representative.

Source: Library server

ICM7032 **Used only for internal testing.**

Explanation: An update or delete action on the eRecord attribute is not allowed.

User response: See your IBM service representative.

Source: Library server

ICM7033 **Used only for internal testing.**

Explanation: The item ID and version ID passed in were not found in the system.

User response: Update the trace level to 15, run the application again, collect the logs, and see your IBM service representative.

Source: Library server

ICM7034   Used only for internal testing.

Explanation: During the insert operation, a duplicate of the item ID, version ID, and record ID was found.

User response: Update the trace level to 15, run the application again, collect the logs, and see your IBM service representative.

Source: Library server

ICM7035   Used only for internal testing.

Explanation: During the delete operation, the item ID, version ID, and record ID passed in were not found in the system.

User response: Update the trace level to 15, run the application again, collect the logs, and see your IBM service representative.

Source: Library server

ICM7036   Used only for internal testing.

Explanation: After an item is declared as a record, any additional updates require the use of the force update option.

User response: None.

Source: Library server

ICM7037   Used only for internal testing.

Explanation: None.

User response: See your IBM service representative.

Source: Library server

ICM7038   Used only for internal testing.

Explanation: None.

User response: See your IBM service representative.

Source: Library server

ICM7039   Used only for internal testing.

Explanation: None.

User response: See your IBM service representative.

Source: Library server

ICM7040   Used only for internal testing.

Explanation: None.

User response: See your IBM service representative.

Source: Library server

ICM7043   Internal Error - invalid AutoLinkSMS code.

Explanation: None.

User response: See your IBM service representative.

Source: Library server

ICM7044   The resource manager associated with this resource item could not be found. If you are retrieving this item, then this item or a version of it might no longer exist.

Explanation: If you are retrieving a resource item, the version that you are retrieving might have been deleted from the system.

User response: Before you try again to retrieve the item, query the item to see if the item or its version still exists.

Source: Library server

ICM7046   Parsed element ID does not match element ID specified. Update TRACELEVEL in ICMSTSYSCONTROL to -63, run the application again, save the server log, and see your IBM service representative.

Explanation: None.

User response: Follow the recommended action in the message text.

Information about setting the library server trace is available at http://publib.boulder.ibm.com/infocenter/ cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/ dcmlt018.htm.

Information about the library server log is available at http://publib.boulder.ibm.com/infocenter/cmgmt/ v8r4m0/topic/com.ibm.installingcm.doc/dcmit322.htm

Source: Library server

ICM7047   Parsed data type does not match data type specified. Update TRACELEVEL in ICMSTSYSCONTROL to -63, run the application again, save the server log, and see your IBM service representative.

Explanation: None.

User response: Follow the recommended action in the message text.

Information about setting the library server trace is available at http://publib.boulder.ibm.com/infocenter/ cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/ dcmlt018.htm.

Information about the library server log is available at http://publib.boulder.ibm.com/infocenter/cmgmt/

| v8r4m0/topic/com.ibm.installingcm.doc/dcmit322.htm

Source: Library server

ICM7048   **Specified data type is unknown. Update TRACELEVEL in ICMSTSYSCONTROL to -63, run the application again, save the server log, and see your IBM service representative.**

Explanation: None.

User response: Follow the recommended action in the message text.

| Information about setting the library server trace is
| available at http://publib.boulder.ibm.com/infocenter/
| cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/
| dcmlt018.htm.

| Information about the library server log is available at
| http://publib.boulder.ibm.com/infocenter/cmgmt/
| v8r4m0/topic/com.ibm.installingcm.doc/dcmit322.htm

Source: Library server

ICM7049   **Length of parsed value is longer than length specified for parse. Update TRACELEVEL in ICMSTSYSCONTROL to -63, run the application again, save the server log, and see your IBM service representative.**

Explanation: None.

User response: Follow the recommended action in the message text.

| Information about setting the library server trace is
| available at http://publib.boulder.ibm.com/infocenter/
| cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/
| dcmlt018.htm.

| Information about the library server log is available at
| http://publib.boulder.ibm.com/infocenter/cmgmt/
| v8r4m0/topic/com.ibm.installingcm.doc/dcmit322.htm

Source: Library server

ICM7050   **Specified element ID is not valid. Update TRACELEVEL in ICMSTSYSCONTROL to -63, run the application again, save the server log, and see your IBM service representative.**

Explanation: None.

User response: Follow the recommended action in the message text.

| Information about setting the library server trace is
| available at http://publib.boulder.ibm.com/infocenter/
| cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/
| dcmlt018.htm.

| Information about the library server log is available at

| http://publib.boulder.ibm.com/infocenter/cmgmt/
| v8r4m0/topic/com.ibm.installingcm.doc/dcmit322.htm

Source: Library server

ICM7051   **Keywordcode and KeywordClass being deleted is system-defined.**

Explanation: System-defined definitions cannot be deleted.

User response: Do not delete system-defined definitions.

Source: Library server

ICM7052   **Keywordcode and KeywordClass being updated is system-defined.**

Explanation: System-defined definitions cannot be updated.

User response: Do not update system-defined definitions.

Source: Library server

ICM7053   **An internal error occurred while creating a privilege set code. Run the application again with server tracing set to Detail and Data. Save the server log and see your IBM service representative.**

Explanation: None.

User response: Follow the recommended action in the message text.

| Information about setting the library server trace is
| available at http://publib.boulder.ibm.com/infocenter/
| cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/
| dcmlt018.htm.

| Information about the library server log is available at
| http://publib.boulder.ibm.com/infocenter/cmgmt/
| v8r4m0/topic/com.ibm.installingcm.doc/dcmit322.htm

Source: Library server

ICM7054   **An internal error occurred while creating a privilege group code. Run the application again with server tracing set to Detail and Data. Save the server log and see your IBM service representative.**

Explanation: None.

User response: Follow the recommended action in the message text.

| Information about setting the library server trace is
| available at http://publib.boulder.ibm.com/infocenter/
| cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/
| dcmlt018.htm.

| Information about the library server log is available at

| http://publib.boulder.ibm.com/infocenter/cmgmt/
| v8r4m0/topic/com.ibm.installingcm.doc/dcmit322.htm

Source: Library server

ICM7055 **A null value was specified without a null indicator. This is an internal error. Run the application again with server trace set to Basic. Save the server log and see your IBM service representative.**

Explanation: None.

User response: Follow the recommended action in the message text.

| Information about setting the library server trace is
| available at http://publib.boulder.ibm.com/infocenter/
| cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/
| dcmlt018.htm.

| Information about the library server log is available at
| http://publib.boulder.ibm.com/infocenter/cmgmt/
| v8r4m0/topic/com.ibm.installingcm.doc/dcmit322.htm

Source: Library server

ICM7056 **A null value was specified for a non-nullable type. This is an internal error. Run the application again with server trace set to Basic. Save the server log and see your IBM service representative.**

Explanation: None.

User response: Follow the recommended action in the message text.

| Information about setting the library server trace is
| available at http://publib.boulder.ibm.com/infocenter/
| cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/
| dcmlt018.htm.

| Information about the library server log is available at
| http://publib.boulder.ibm.com/infocenter/cmgmt/
| v8r4m0/topic/com.ibm.installingcm.doc/dcmit322.htm

Source: Library server

ICM7057 **This is an internal error. Run the application again with server trace set to Detail and Data. Save the server log and see your IBM service representative.**

Explanation: None.

User response: Follow the recommended action in the message text.

| Information about setting the library server trace is
| available at http://publib.boulder.ibm.com/infocenter/
| cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/
| dcmlt018.htm.

| Information about the library server log is available at

| http://publib.boulder.ibm.com/infocenter/cmgmt/
| v8r4m0/topic/com.ibm.installingcm.doc/dcmit322.htm

Source: Library server

ICM7058 **Used only for internal testing.**

Explanation: None.

User response: See your IBM service representative.

Source: Library server

ICM7059 **The specified resource manager and collection code is not defined.**

Explanation: None.

User response: Define a resource manager and collection code.

Source: Library server

ICM7062 **An error occurred while performing the specified action. The user is trying to perform an INSERT, UPDATE, or DELETE on an object that does not belong to the same domain as the user, and is not in the public domain.**

Explanation: None.

User response: None.

Source: Library server

ICM7064 **An unexpected error occurred when the library server was requesting text search service to create, update, or delete a text search index. See the library server log for more details. Use the external return code from the library server to check the text search service error message in text search service documentation. Correct the problem and try again.**

Explanation: A likely cause is that the password for the text search service user ID contains a character that is causing the text search service password parsing to fail, for example, a dash character (-).

User response: See the appropriate text search service documentation for more information.

| Information about setting the library server trace is
| available at http://publib.boulder.ibm.com/infocenter/
| cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/
| dcmlt018.htm.

| Information about the library server log is available at
| http://publib.boulder.ibm.com/infocenter/cmgmt/
| v8r4m0/topic/com.ibm.installingcm.doc/dcmit322.htm

Source: Library server

ICM7065   **Used only for internal testing.**

Explanation: None.

User response: See your IBM service representative.

Source: Library server

ICM7066   **Language code being defined in NLS language table already exists.**

Explanation: None.

User response: None.

Source: Library server

ICM7067   **The user ID being added already exists.**

Explanation: None.

User response: None.

Source: Library server

ICM7068   **An attempt was made to change a system attribute that cannot be changed.**

Explanation: None.

User response: Do not change this system attribute.

Source: Library server

ICM7069   **The MimeTypeID specified does not exist.**

Explanation: None.

User response: Specify a MimeTypeID that exists in the library server.

Source: Library server

ICM7070   **Used only for internal testing.**

Explanation: None.

User response: See your IBM service representative.

Source: Library server

ICM7071   **The specified component view cannot be deleted because it is being used in an item type view definition.**

Explanation: None.

User response: Do not delete this component view.

Source: Library server

ICM7072   **Work packages can be ordered either by Priority (0) or by Last Accesstime (1 or 2).**

Explanation: None.

User response: Order the work packages by either priority or Last Accesstime.

Source: Library server

ICM7073   **The specified user cannot be added to this user group. The user does not belong to the same domain as the user group and the user group is not in the public domain.**

Explanation: None.

User response: None.

Source: Library server

ICM7074   **The SQL to be generated is longer than the maximum length allowed. Change the application or simplify the query.**

Explanation: None.

User response: Follow the recommended action in the message text.

Source: Library server

ICM7075   **Updating this Domain ID is rejected because the specified resource manager is being used by associated collections in this domain.**

Explanation: You tried to update a Domain ID, but the specified resource manager is being used by associated collections in this domain.

User response: Do not update this Domain ID.

Source: Library server

ICM7076   **The specified Domain cannot be deleted because it is being used by other objects.**

Explanation: None.

User response: Do not delete the specified domain.

Source: Library server

ICM7077   **The specified ACL for the Domain cannot be deleted because it is being used by other users or groups.**

Explanation: None.

User response: Do not delete the specified access control list for the domain.

Source: Library server

ICM7078 **The specified privilege set for the Domain cannot be deleted because it is being used by other users or groups.**

Explanation: None.

User response: Do not delete the specified privilege set for the domain.

Source: Library server

ICM7079 **Password for text search service user is null. See your system administrator to update text search service password through the system administration client.**

Explanation: None.

User response: Follow the recommended action in the message text.

Source: Library server

ICM7080 **Attempt to issue an SQL command against a table that is in use by another transaction. For more information, refer to the database document.**

Explanation: None.

User response: DB2 users: The result is SQL return code -911. You can get more information by entering the following command in a DB2 command window: *DB2 ? SQL0911N*

Source: Library server

ICM7081 **The XDO class is already being defined for an item type.**

Explanation: None.

User response: Do not define the XDO class again.

Source: Library server

ICM7082 **ComponentTypeClass is not found from ICMSTCOMPDEFS (joined with ICMSTCOMPVIEWDEFS).**

Explanation: None.

User response: See the server log and see your IBM service representative.

Source: Library server

ICM7083 **You cannot change an LDAP user password through the IBM Content Manager application. To change an LDAP user password, contact your LDAP administrator and ask them to change the password on the LDAP server.**

Explanation: No further explanation is required.

User response: Contact your LDAP administrator and ask them to change the password on the LDAP server.

Source: Library server

ICM7084 **A request to create, update, or delete text search service index was made, but the library server cannot connect to the text search service because the USERID column in ICMSTSYSCONTROL table was null. See the documentation on how to enable library server for text search and try again.**

Explanation: None.

User response: See the text search service documentation for more information.

Source: Library server

ICM7085 **In defining item type relations, the source must be an item type that is a document, or ItemTypeClass=2.**

Explanation: None.

User response: Follow the instructions in the message text.

Source: Library server

ICM7086 **In defining item type relations, the target must be an item type that is a part, or ItemTypeClass=3.**

Explanation: None.

User response: Follow the instructions in the message text.

Source: Library server

ICM7087 **Temporary pointers exceed array size (2500).**

Explanation: None.

User response: The temporary pointers should not exceed the array size (2500).

Source: Library server

ICM7088   **TestSearch bit is ON for a system-defined attribute and this is not allowed.**

Explanation: None.

User response: Turn the TextSearch bit off.

Source: Library server

ICM7089   **The length of the input value for this attribute is too long to store.**

Explanation: Because the length of the input value is too long to store, a failure occurred.

User response: Reduce the length of the input value for this attribute.

Source: Library server

ICM7090   **Cannot write script or SQL file with the deferred generate DDL commands. Make sure the directory where the scripts are created has the correct permissions. The library server log file shows the name of the directory and additional information that might have been captured.**

Explanation: None.

User response: Follow the recommended action in the message text.

| Information about setting the library server trace is
| available at http://publib.boulder.ibm.com/infocenter/
| cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/
| dcmlt018.htm.

| Information about the library server log is available at
| http://publib.boulder.ibm.com/infocenter/cmgmt/
| v8r4m0/topic/com.ibm.installingcm.doc/dcmit322.htm

Source: Library server

ICM7091   **The source item that contains reference attributes is checked out by another user. The target item cannot be deleted.**

Explanation: None.

User response: See your IBM service representative.

Source: Library server

ICM7092   **The delete rule of the reference attributes are restricted or no action. The source item that contains reference attribute information must be removed before the target item can be deleted.**

Explanation: None.

User response: Follow the recommended action in the message text.

Source: Library server

ICM7093   **Unexpected internal error occurred with the hashing functions.**

Explanation: None.

User response: Ensure that directory icc/osslib and icc/osslib exists under *IBMCMROOT*, and that system variable *IBMCMROOT* points to the directory where IBM Content Manager is installed.

Source: Library server

ICM7094   **This user ID is already logged on.**

Explanation: This return code is provided only for use by exits. does not reject a logon for this reason.

User response: None.

Source: Library server

ICM7095   **The maximum number of allowed objects has been reached. The extended reason code contains the class value of the object in error.**

Explanation: These values can be found in the description of the table ICMSTNLSKEYWORDS.

User response: Delete unused objects in the class, and then try the operation again.

Source: Library server

ICM7096   **The specified item ID does not exist.**

Explanation: No further explanation is required.

User response: Enter a valid item ID and try the operation again.

Source: Library server

ICM7097   **There is no item type relation defined for the document being created.**

Explanation: The system administrator defined a document item type, but did not specify any part type on the Document Management tab in the system administration client. Another possibility is that the application that created the item type did not define ItemTypeRelations.

User response: Make sure that a valid item type relation is defined for the document being created.

Source: Library server

ICM7098   The new password provided was rejected by the Logon Exit in the server.

Explanation: None.

User response: See the server log and your system administrator or IBM service representative.

Source: Library server

ICM7099   This is an internal error. Run the application again with server trace set to Detail and Data. Save the server log and see your IBM service representative.

Explanation: None.

User response: Follow the recommended action in the message text.

Information about setting the library server trace is available at http://publib.boulder.ibm.com/infocenter/ cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/ dcmlt018.htm.

Information about the library server log is available at http://publib.boulder.ibm.com/infocenter/cmgmt/ v8r4m0/topic/com.ibm.installingcm.doc/dcmit322.htm

Source: Library server

ICM7100   The ACL code specified is not valid, or an attempt was made to assign an UserACL to a system administration object, such as user, item type, subset, or document routing process, worknode, or worklist.

Explanation: None.

User response: Verify that the ACL being used is defined in the Content Manager server, or that the ACL being assigned to a system administration object is not a UserACL. If the ACL being used is display by the system administration client, then the ACL is not a UserACL.

Source: Library server

ICM7102   This is an internal error. Run the application again with server trace set to Detail and Data. Save the server log and see your IBM service representative.

Explanation: None.

User response: Follow the recommended action in the message text.

Information about setting the library server trace is available at http://publib.boulder.ibm.com/infocenter/ cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/ dcmlt018.htm.

Information about the library server log is available at http://publib.boulder.ibm.com/infocenter/cmgmt/

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v8r4m0/topic/com.ibm.installingcm.doc/dcmit322.htm

Source: Library server

ICM7103   This is an internal error. Run the application again with server trace set to Detail and Data. Save the server log and see your IBM service representative.

Explanation: None.

User response: Follow the recommended action in the message text.

Information about setting the library server trace is available at http://publib.boulder.ibm.com/infocenter/ cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/ dcmlt018.htm.

Information about the library server log is available at http://publib.boulder.ibm.com/infocenter/cmgmt/ v8r4m0/topic/com.ibm.installingcm.doc/dcmit322.htm

Source: Library server

ICM7104   This is an internal error. Run the application again with server trace set to Detail and Data. Save the server log and see your IBM service representative.

Explanation: An internal error occurred.

User response: Follow the recommended action in the message text.

Information about setting the library server trace is available at http://publib.boulder.ibm.com/infocenter/ cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/ dcmlt018.htm.

Information about the library server log is available at http://publib.boulder.ibm.com/infocenter/cmgmt/ v8r4m0/topic/com.ibm.installingcm.doc/dcmit322.htm

Source: Library server

ICM7105   This size of the attribute is invalid.

Explanation: This is an internal error.

User response: Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

Source: Library server

ICM7106   This size of the attribute is invalid.

Explanation: This is an internal error.

User response: Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

Source: Library server

ICM7107   This size of the attribute is invalid.

Explanation: This is an internal error.

User response: Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

Source: Library server

ICM7108   This is an internal error. Run the application again with server trace set to Detail and Data. Save the server log and see your IBM service representative.

Explanation: An internal error occurred.

User response: Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

Information about setting the library server trace is available at http://publib.boulder.ibm.com/infocenter/ cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/ dcmlt018.htm.

Information about the library server log is available at http://publib.boulder.ibm.com/infocenter/cmgmt/ v8r4m0/topic/com.ibm.installingcm.doc/dcmit322.htm

Source: Library server

ICM7109   The ICMValidatePassword user exit has returned. Additional detailed error message may be logged in the library server log.

Explanation: The user exit might have decided that the new password is not valid. An additional return code, reason code, and diagnostic messages are returned by user exit and logged in library server log.

The problem can occur if you try to change the password or when a new user is being created.

Possible return codes from the ICMvalidatePassword user exit are:

• RC_OK (value 0): The password validation passed.

• RC_ERROR(value -1): The new password failed to pass the validation rules, and the logon or user creation and update actions will be terminated.

• All other return codes: The rest are unexpected errors, and the operation is aborted.

The reason codes and diagnostic messages are defined by your administrator and might indicate the reason of failure.

User response: Specify another new password or contact your IBM Content Manager administrator.

Information about setting the library server trace is available at http://publib.boulder.ibm.com/infocenter/ cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/ dcmlt018.htm.

Information about the library server log is available at http://publib.boulder.ibm.com/infocenter/cmgmt/ v8r4m0/topic/com.ibm.installingcm.doc/dcmit322.htm

ICM7110   This size of the attribute is invalid.

Explanation: An internal error occurred.

User response: Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

Source: Library server

ICM7111   This size of the attribute is invalid.

Explanation: An internal error occurred.

User response: Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

Source: Library server

ICM7112   The data type for the default attribute value is not valid.

Explanation: An internal error occurred.

User response: Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

Source: Library server

ICM7113   Used only for internal testing.

Explanation: The item being deleted is a record. The deletion of a record is not allowed.

User response: None.

Source: Library server

ICM7114   The property of this predefined user attribute is protected so that it cannot be updated or deleted.

Explanation: No further explanation is required.

User response: Do not try to update the property of this attribute, or try to delete this attribute.

Source: Library server

ICM7115   The property of this predefined user attribute is protected so that it cannot manually be added to an attribute group or a component type.

Explanation: No further explanation is required.

User response: Do not try to manually add this attribute into an attribute group or a component type.

Source: Library server

| ICM7116 | The property of this predefined user attribute is protected so that it cannot be set to nullable. |

Explanation: No further explanation is required.

User response: Do not try to set the predefined user attribute to null.

Source: Library server

| ICM7117 | The property of this predefined user attribute is protected so that it cannot have a default value. |

Explanation: No further explanation is required.

User response: Do not try to set the default value.

Source: Library server

| ICM7119 | The specified item ID does not exist. |

Explanation: An internal error occurred.

User response: Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

Source: Library server

| ICM7120 | This is an internal error. Run the application again with server trace set to Detail and Data. Save the server log and see your IBM service representative. |

Explanation: None.

User response: Follow the recommended action in the message text.

Information about setting the library server trace is available at http://publib.boulder.ibm.com/infocenter/ cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/ dcmlt018.htm.

Information about the library server log is available at http://publib.boulder.ibm.com/infocenter/cmgmt/ v8r4m0/topic/com.ibm.installingcm.doc/dcmit322.htm

Source: Library server

| ICM7121 | This is an internal error. Run the application again with server trace set to Detail and Data. Save the server log and see your IBM service representative. |

Explanation: None.

User response: Follow the recommended action in the message text.

Information about setting the library server trace is available at http://publib.boulder.ibm.com/infocenter/ cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/ dcmlt018.htm.

Information about the library server log is available at http://publib.boulder.ibm.com/infocenter/cmgmt/ v8r4m0/topic/com.ibm.installingcm.doc/dcmit322.htm

Source: Library server

| ICM7123 | This is an internal error. Run the application again with server trace set to Detail and Data. Save the server log and see your IBM service representative. |

Explanation: None.

User response: Follow the recommended action in the message text.

Information about setting the library server trace is available at http://publib.boulder.ibm.com/infocenter/ cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/ dcmlt018.htm.

Information about the library server log is available at http://publib.boulder.ibm.com/infocenter/cmgmt/ v8r4m0/topic/com.ibm.installingcm.doc/dcmit322.htm

Source: Library server

| ICM7124 | This is an internal error. Run the application again with server trace set to Detail and Data. Save the server log and see your IBM service representative. |

Explanation: None.

User response: Follow the recommended action in the message text.

Information about setting the library server trace is available at http://publib.boulder.ibm.com/infocenter/ cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/ dcmlt018.htm.

Information about the library server log is available at http://publib.boulder.ibm.com/infocenter/cmgmt/ v8r4m0/topic/com.ibm.installingcm.doc/dcmit322.htm

Source: Library server

| ICM7125 | The Resource Manager Name supplied for Asynch Recovery name is invalid. |

Explanation: An internal error occurred.

User response: Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

Source: Library server

| ICM7127 | The user ID is not defined or the password is not valid. |

Explanation: An internal error occurred.

User response: Run the application again with the server trace set to Detail and Data. Save the server log

and see your IBM service representative.

Source: Library server

ICM7130 **The provided new user privilege set should be less than or equal to definer's user privilege set.**

Explanation: If the general privilege set of the system administrator does not allow an operation (for example, storing documents), the administrator cannot define or modify a user definition with a privilege set that allows that operation.

User response: Provide a new user privilege set that is less than or equal to the user privilege set of the definer.

Source: Library server

ICM7131 **This is an internal error. Run the application again with server trace set to Detail and Data. Save the server log and see your IBM service representative.**

Explanation: None.

User response: Follow the recommended action in the message text.

Information about setting the library server trace is available at http://publib.boulder.ibm.com/infocenter/ cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/ dcmlt018.htm.

Information about the library server log is available at http://publib.boulder.ibm.com/infocenter/cmgmt/ v8r4m0/topic/com.ibm.installingcm.doc/dcmit322.htm

Source: Library server

ICM7137 **Specified language code is not defined.**

Explanation: An internal error occurred.

User response: Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

Source: Library server

ICM7138 **Attribute type is not specified correctly.**

Explanation: An internal error occurred.

User response: Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

Source: Library server

ICM7141 **Keyword code is not specified correctly.**

Explanation: An internal error occurred.

User response: Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

Source: Library server

ICM7143 **Keyword class is not specified for update keyword description.**

Explanation: An internal error occurred.

User response: Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

Source: Library server

ICM7148 **Provided ACL binding level is not defined to the system.**

Explanation: An internal error occurred.

User response: Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

Source: Library server

ICM7151 **Used only for internal testing.**

Explanation: None.

User response: None.

Source: Library server

ICM7152 **Used only for internal testing.**

Explanation: None.

User response: None.

Source: Library server

ICM7153 **Used only for internal testing.**

Explanation: None.

User response: None.

Source: Library server

ICM7154 **Used only for internal testing.**

Explanation: None.

User response: None.

Source: Library server

ICM7155   **Used only for internal testing.**

Explanation: None.

User response: None.

Source: Library server

ICM7156   **Used only for internal testing.**

Explanation: None.

User response: None.

Source: Library server

ICM7158   **Used only for internal testing.**

Explanation: None.

User response: None.

Source: Library server

ICM7159   **Used only for internal testing.**

Explanation: None.

User response: None.

Source: Library server

ICM7160   **Maximum number of concurrent users reached.**

Explanation: Logon is rejected because the maximum number of concurrent users is reached.

User response: Increase the maximum number of concurrent users and see your IBM service representative to purchase additional licenses. As an alternative, set the system action for reaching the maximum to "warning", and logon will be allowed even when the maximum number of users is reached.

Source: Library server

ICM7161   **Used only for internal testing.**

Explanation: None.

User response: None.

Source: Library server

ICM7162   **The UserToken created by ICMLogon has been changed.**

Explanation: An internal error occurred.

User response: Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

Source: Library server

ICM7164   **The event code being used is not defined.**

Explanation: An internal error occurred.

User response: Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

Source: Library server

ICM7165   **Used only for internal testing.**

Explanation: None.

User response: None.

Source: Library server

ICM7166   **Attribute name length is greater than 15.**

Explanation: An internal error occurred.

User response: Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

Source: Library server

ICM7167   **This is an internal error. Run the application again with server trace set to Detail and Data. Save the server log and see your IBM service representative.**

Explanation: None.

User response: Follow the recommended action in the message text.

Information about setting the library server trace is available at http://publib.boulder.ibm.com/infocenter/cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/dcmlt018.htm.

Information about the library server log is available at http://publib.boulder.ibm.com/infocenter/cmgmt/v8r4m0/topic/com.ibm.installingcm.doc/dcmit322.htm

Source: Library server

ICM7168   **This is an internal error. Run the application again with server trace set to Detail and Data. Save the server log and see your IBM service representative.**

Explanation: None.

User response: Follow the recommended action in the message text.

Information about setting the library server trace is available at http://publib.boulder.ibm.com/infocenter/cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/dcmlt018.htm.

Information about the library server log is available at http://publib.boulder.ibm.com/infocenter/cmgmt/

| v8r4m0/topic/com.ibm.installingcm.doc/dcmit322.htm

Source: Library server

ICM7169   **Specified sLinkOption > 2 or sLinkOption < 0.**

Explanation: An internal error occurred.

User response: Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

Source: Library server

ICM7170   **An internal error occurred.**

Explanation: None.

User response: Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

Source: Library server

ICM7171   **A new password must be provided when logging on to IBM Content Manager.**

Explanation: The password you provided has expired.

User response: Provide a new password.

Source: Library server

ICM7172   **The password provided is invalid for this user ID, or it is null.**

Explanation: None.

User response: Provide a valid password for this user ID.

Source: Library server

ICM7173   **The maximum number of failed attempts to log on to IBM Content Manager was reached. See your system administrator for a new password.**

Explanation: No further explanation required.

User response: See your system administrator for a new password.

Source: Library server

ICM7174   **Composite attribute name being used is not specified correctly.**

Explanation: The length of the composite attribute name is longer than 32 characters, or the length of the description is longer than 254 characters.

User response: Make sure that the composite attribute name does not exceed 32 characters and the description

does not exceed 254 characters.

Source: Library server

ICM7175   **Composite attribute description being used is not specified correctly.**

Explanation: An internal error occurred.

User response: See your IBM service representative.

Source: Library server

ICM7176   **Used only for internal testing.**

Explanation: None.

User response: None.

Source: Library server

ICM7178   **The part item type is not eligible as a source or target item type for the automatic linking feature. Therefore, the automatic linking operation is not allowed.**

Explanation: No further explanation is required.

User response: Turn off the automatic linking option for the part item type creation or update.

Source: Library server

ICM7179   **In defining automatic linking, the series of folders will result in a cycle or loop. For example, folder A contains B contains C contains A.**

Explanation: None.

User response: Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

Source: Library server

ICM7180   **An internal error occurred.**

Explanation: None.

User response: Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

Source: Library server

ICM7181   **This is an internal error. Run the application again with server trace set to Detail and Data. Save the server log and see your IBM service representative.**

Explanation: None.

User response: Follow the recommended action in the message text.

Information about setting the library server trace is available at http://publib.boulder.ibm.com/infocenter/cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/dcmlt018.htm.

Information about the library server log is available at http://publib.boulder.ibm.com/infocenter/cmgmt/v8r4m0/topic/com.ibm.installingcm.doc/dcmit322.htm

Source: Library server

ICM7182 **This is an internal error. Run the application again with server trace set to Detail and Data. Save the server log and see your IBM service representative.**

Explanation: None.

User response: Follow the recommended action in the message text.

Information about setting the library server trace is available at http://publib.boulder.ibm.com/infocenter/cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/dcmlt018.htm.

Information about the library server log is available at http://publib.boulder.ibm.com/infocenter/cmgmt/v8r4m0/topic/com.ibm.installingcm.doc/dcmit322.htm

Source: Library server

ICM7183 **This is an internal error. Run the application again with server trace set to Detail and Data. Save the server log and see your IBM service representative.**

Explanation: None.

User response: Follow the recommended action in the message text.

Information about setting the library server trace is available at http://publib.boulder.ibm.com/infocenter/cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/dcmlt018.htm.

Information about the library server log is available at http://publib.boulder.ibm.com/infocenter/cmgmt/v8r4m0/topic/com.ibm.installingcm.doc/dcmit322.htm

Source: Library server

ICM7184 **This is an internal error. Run the application again with server trace set to Detail and Data. Save the server log and see your IBM service representative.**

Explanation: None.

User response: Follow the recommended action in the message text.

Information about setting the library server trace is available at http://publib.boulder.ibm.com/infocenter/

cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/dcmlt018.htm.

Information about the library server log is available at http://publib.boulder.ibm.com/infocenter/cmgmt/v8r4m0/topic/com.ibm.installingcm.doc/dcmit322.htm

Source: Library server

ICM7185 **This is an internal error. Run the application again with server trace set to Detail and Data. Save the server log and see your IBM service representative.**

Explanation: None.

User response: Follow the recommended action in the message text.

Information about setting the library server trace is available at http://publib.boulder.ibm.com/infocenter/cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/dcmlt018.htm.

Information about the library server log is available at http://publib.boulder.ibm.com/infocenter/cmgmt/v8r4m0/topic/com.ibm.installingcm.doc/dcmit322.htm

Source: Library server

ICM7186 **This is an internal error. Run the application again with server trace set to Detail and Data. Save the server log and see your IBM service representative.**

Explanation: None.

User response: Follow the recommended action in the message text.

Information about setting the library server trace is available at http://publib.boulder.ibm.com/infocenter/cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/dcmlt018.htm.

Information about the library server log is available at http://publib.boulder.ibm.com/infocenter/cmgmt/v8r4m0/topic/com.ibm.installingcm.doc/dcmit322.htm

Source: Library server

ICM7187 **The component type cannot be updated.**

Explanation: None.

User response: Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

Source: Library server

ICM7188 • ICM7198

ICM7188 Updates to an item type's classification and XDO class ID are not allowed if a component type is already defined for it.

Explanation: An internal error occurred.

User response: Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

Source: Library server

ICM7189 This workflow diagram is checked out by another user.

Explanation: An internal error occurred.

User response: Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

Source: Library server

ICM7190 This workflow diagram is not checked out.

Explanation: An internal error occurred.

User response: Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

Source: Library server

ICM7191 The database connection user ID that you use is not properly configured. Check with your IBM Content Manager administrator to make sure that you are using the correct database connection user ID. Then see the section Changing the database ID and password in the System Administration Guide for details on how to configure it properly.

Explanation: An internal error occurred.

User response: Check with your IBM Content Manager administrator to make sure that you are using the correct database connection user ID, then refer to the section "Changing the database ID and password" in the *System Administration Guide* for details on how to configure it properly.

Source: Library server

ICM7193 Environment variable ICMDLL is not defined. This ICMDLL environment variable is used to locate DLLs used for exits or accessing component tables. Be sure that the library server database instance was started from a session in which this environment variable is already exported.

Explanation: None.

User response: Follow the recommended action in the message text.

Source: Library server

ICM7194 Environment variable ICMCOMP is not defined. It must be set to the path where the compiler is installed. Be sure that the library server database instance was started from a session in which this environment variable is already exported.

Explanation: An internal error occurred.

User response: Follow the recommended action in the message text.

Source: Library server

ICM7195 The minimum value for an attribute is invalid.

Explanation: An internal error occurred.

User response: Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

Source: Library server

ICM7196 The minimum value for an attribute is invalid.

Explanation: An internal error occurred.

User response: Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

Source: Library server

ICM7197 Duplicate attribute values were found for unique attributes.

Explanation: You cannot import an item that has a duplicate attribute value.

User response: Provide unique attribute values within the item type.

Source: Library server

ICM7198 The user ID that was used to connect to the database does not have the privilege to log on without a password. Be sure that the user ID used to connect is defined in IBM Content Manager with the privilege set UserDBTrustedConnect, and that the system control flag Allow Trusted Logon is set.

Explanation: The Privilege set UserDBTrustedConnect

contains the privilege AllowTrustedLogon, which allows bypassing the password authorization. If UserDBTrustedConnect is not suitable, the alternative is to use a privilege set that includes the privilege AllowTrustedLogon.

User response: First, turn on the system control option Allow Trusted Logon. Then use the privilege set UserDBTrustedConnect for the user, or correct the user privilege set to include the AllowTrustedLogon privilege. Another option is to provide the password when logging to IBM Content Manager.

Source: Library server

ICM7199 **This is an internal error. Run the application again with server trace set to Detail and Data. Save the server log and see your IBM service representative.**

Explanation: None.

User response: Follow the recommended action in the message text.

Information about setting the library server trace is available at http://publib.boulder.ibm.com/infocenter/cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/dcmlt018.htm.

Information about the library server log is available at http://publib.boulder.ibm.com/infocenter/cmgmt/v8r4m0/topic/com.ibm.installingcm.doc/dcmit322.htm

Source: Library server

ICM7200 **Value of XDOClassID in the database is invalid. Valid values are 1 through 5.**

Explanation: None.

User response: Specify XDOClassID with a valid value.

Source: Library server

ICM7211 **The query item cannot be found.**

Explanation: No further explanation is required.

User response: Check the query itemID with the versionID and do the query again

Source: Library server

ICM7215 **The user does not have the privilege required to perform the requested operation or the ACL does not include the user with the required privilege. The privilege code is contained in the reason code returned from the library server.**

Explanation: None.

User response: See the server log for more

information and see your IBM service representative.

Source: Library server

ICM7231 **You are declined access by UDF ICMACLPRIVEXIT so that the requested operation cannot be performed on an item.**

Explanation: No further explanation is required.

User response: Ensure that you are granted access by the user exit UDF ICMACLPRIVEXIT.

Source: Library server

ICM7232 **The item type view or component type view cannot be found.**

Explanation: No further explanation is required.

User response: Provide a valid item type view or component type view.

Source: Library server

ICM7250 **The maximum number of component records for a component type has been exceeded.**

Explanation: An internal error occurred.

User response: Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

Source: Library server

ICM7251 **There are not attributes associated with the specified component type.**

Explanation: An internal error occurred.

User response: Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

Source: Library server

ICM7254 **This is an internal error. Run the application again with server trace set to Detail and Data. Save the server log and see your IBM service representative.**

Explanation: An internal error occurred.

User response: Follow the recommended action in the message text.

Information about setting the library server trace is available at http://publib.boulder.ibm.com/infocenter/cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/dcmlt018.htm.

Information about the library server log is available at http://publib.boulder.ibm.com/infocenter/cmgmt/

| v8r4m0/topic/com.ibm.installingcm.doc/dcmit322.htm

Source: Library server

ICM7302   **An internal error occurred.**

Explanation: None.

User response: Save the server log and see your IBM service representative.

Source: Library server

ICM7304   **An error occurred while creating a view for the component table. Review the server log for database errors.**

Explanation: An internal error occurred.

User response: Follow the recommended action in the message text.

| Information about setting the library server trace is
| available at http://publib.boulder.ibm.com/infocenter/
| cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/
| dcmlt018.htm.

| Information about the library server log is available at
| http://publib.boulder.ibm.com/infocenter/cmgmt/
| v8r4m0/topic/com.ibm.installingcm.doc/dcmit322.htm

Source: Library server

ICM7305   **An error occurred while creating the DLL to access a component table. Review the server log for the name of the access module, and then review the corresponding ICMxxxxx.TX files (for example, ICMVxxxx.tx1) for details.**

Explanation: An internal error occurred.

User response: Follow the recommended action in the message text. The ICMxxxxx.TX files can be found in the `PATHICMDLL\ <database name>\DLL` directory. To determine the value of `PATHICMDLL`, connect to your database and perform the following query:

`"SELECT PATHICMDLL FROM ICMSTSYSCONTROL"`

| Information about setting the library server trace is
| available at http://publib.boulder.ibm.com/infocenter/
| cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/
| dcmlt018.htm.

| Information about the library server log is available at
| http://publib.boulder.ibm.com/infocenter/cmgmt/
| v8r4m0/topic/com.ibm.installingcm.doc/dcmit322.htm

Source: Library server

ICM7306   **An error occurred while creating the DLL to access a component table. Review the server log for the name of the access module, and then review the corresponding ICMxxxxx.TX files (for example, ICMVxxxx.tx2) for details.**

Explanation: An internal error occurred.

User response: Follow the recommended action in the message text. The ICMxxxxx.TX files can be found in the `PATHICMDLL\ <database name>\DLL` directory. To determine the value of `PATHICMDLL`, connect to your database and perform the following query:

`"SELECT PATHICMDLL FROM ICMSTSYSCONTROL"`

| Information about setting the library server trace is
| available at http://publib.boulder.ibm.com/infocenter/
| cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/
| dcmlt018.htm.

| Information about the library server log is available at
| http://publib.boulder.ibm.com/infocenter/cmgmt/
| v8r4m0/topic/com.ibm.installingcm.doc/dcmit322.htm

Source: Library server

ICM7307   **An error occurred while creating the DLL to access a component table. Review the server log for the name of the access module, and then review the corresponding ICMxxxxx.TX files (for example, ICMVxxxx.tx3) for details.**

Explanation: An internal error occurred.

User response: Follow the recommended action in the message text. The ICMxxxxx.TX files can be found in the `PATHICMDLL\ <database name>\DLL` directory. To determine the value of `PATHICMDLL`, connect to your database and perform the following query:

`"SELECT PATHICMDLL FROM ICMSTSYSCONTROL"`

| Information about setting the library server trace is
| available at http://publib.boulder.ibm.com/infocenter/
| cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/
| dcmlt018.htm.

| Information about the library server log is available at
| http://publib.boulder.ibm.com/infocenter/cmgmt/
| v8r4m0/topic/com.ibm.installingcm.doc/dcmit322.htm

Source: Library server

ICM7308   **An error occurred while creating the DLL to access a component table. Review the server log for the name of the access module, and then review the corresponding ICMxxxxx.TX files (for example, ICMVxxxx.tx4) for details.**

Explanation: An internal error occurred.

User response: Follow the recommended action in the message text. The ICMxxxxx.TX files can be found in the `PATHICMDLL\ <database name>\DLL` directory. To determine the value of `PATHICMDLL`, connect to your database and perform the following query:

`"SELECT PATHICMDLL FROM ICMSTSYSCONTROL"`

Information about setting the library server trace is available at http://publib.boulder.ibm.com/infocenter/ cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/ dcmlt018.htm.

Information about the library server log is available at http://publib.boulder.ibm.com/infocenter/cmgmt/ v8r4m0/topic/com.ibm.installingcm.doc/dcmit322.htm

Source: Library server

ICM7309   **An error occurred while creating the DLL to access a component table. Review the server log for the name of the access module, and then review the corresponding ICMxxxxx.TX files (for example, ICMVxxxx.tx4) for details.**

Explanation: An internal error occurred.

User response: Follow the recommended action in the message text. The ICMxxxxx.TX files can be found in the `PATHICMDLL\ <database name>\DLL` directory. To determine the value of `PATHICMDLL`, connect to your database and perform the following query:

`"SELECT PATHICMDLL FROM ICMSTSYSCONTROL"`

Information about setting the library server trace is available at http://publib.boulder.ibm.com/infocenter/ cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/ dcmlt018.htm.

Information about the library server log is available at http://publib.boulder.ibm.com/infocenter/cmgmt/ v8r4m0/topic/com.ibm.installingcm.doc/dcmit322.htm

Source: Library server

ICM7310   **Too many attributes specified for the component type (max 250).**

Explanation: You cannot specify more than 250 attributes for this component type.

User response: Specify 250 attributes or less for this component type.

Source: Library server

ICM7311   **This is an internal error. Run the application again with server trace set to Detail and Data. Save the server log and see your IBM service representative.**

Explanation: An internal error occurred.

User response: Follow the recommended action in the message text.

Information about setting the library server trace is available at http://publib.boulder.ibm.com/infocenter/ cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/ dcmlt018.htm.

Information about the library server log is available at http://publib.boulder.ibm.com/infocenter/cmgmt/ v8r4m0/topic/com.ibm.installingcm.doc/dcmit322.htm

Source: Library server

ICM7313   **An error occurred while creating the DLL to access a component table. Review the server log for the name of the access module, and then review the corresponding ICMxxxxx.TX files for details.**

Explanation: An internal error occurred.

User response: Follow the recommended action in the message text.

Information about setting the library server trace is available at http://publib.boulder.ibm.com/infocenter/ cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/ dcmlt018.htm.

Information about the library server log is available at http://publib.boulder.ibm.com/infocenter/cmgmt/ v8r4m0/topic/com.ibm.installingcm.doc/dcmit322.htm

Source: Library server

ICM7314   **This is an internal error. Run the application again with server trace set to Detail and Data. Save the server log and see your IBM service representative.**

Explanation: An internal error occurred.

User response: Follow the recommended action in the message text.

Information about setting the library server trace is available at http://publib.boulder.ibm.com/infocenter/ cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/ dcmlt018.htm.

Information about the library server log is available at http://publib.boulder.ibm.com/infocenter/cmgmt/ v8r4m0/topic/com.ibm.installingcm.doc/dcmit322.htm

Source: Library server

ICM7315   **This is an internal error. Run the application again with server trace set to Detail and Data. Save the server log and see your IBM service representative.**

Explanation: An internal error occurred.

User response: Follow the recommended action in the message text.

| Information about setting the library server trace is
| available at http://publib.boulder.ibm.com/infocenter/
| cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/
| dcmlt018.htm.

| Information about the library server log is available at
| http://publib.boulder.ibm.com/infocenter/cmgmt/
| v8r4m0/topic/com.ibm.installingcm.doc/dcmit322.htm

Source: Library server

ICM7316   **Total amount of data for all specified attributes exceeds the maximum. Modify the application to specify less data.**

Explanation: The total amount of data for all specified attributes exceeds the maximum allowed.

User response: Modify the application to specify less data.

Source: Library server

ICM7317   **Unable to access the record in ICMSTSYSCONTROL.**

Explanation: An internal error occurred.

User response: Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

Source: Library server

ICM7318   **Old DLLs for this component type already exist and cannot be deleted.**

Explanation: An internal error occurred.

User response: Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

Source: Library server

ICM7319   **The foreign key rule options delete cascade and set null are no longer supported. The supported options are Restrict or No Action.**

Explanation: No further explanation is required.

User response: Use the Restrict or No Action option.

Source: Library server

ICM7320   **The attributes on the source not involved in an auto link rule must either be nullable or have a default value.**

Explanation: An autofoldering error occurred.

User response: Ensure that all attributes on the source item type not involved in the auto link rule have a default value.

Source: Library server

ICM7321   **The source or target for the auto link rule is already involved in a self linking auto link rule.**

Explanation: An autofoldering error occurred.

User response: Review the existing auto link rules on the source and target.

Source: Library server

ICM7322   **Definition of this auto link would create a cycle with other auto link rules.**

Explanation: An autofoldering error occurred.

User response: Review the existing auto link rules on the source and target.

Source: Library server

ICM7323   **The attributes on the source involved in an auto link rule must be at the root component level.**

Explanation: An autofoldering error occurred.

User response: Do not try to create an auto link rule based on a child component attribute.

Source: Library server

ICM7324   **The minimum cardinality of a child component that is the target of an auto link rule must be at least one.**

Explanation: An autofoldering error occurred.

User response: Increase the minimum cardinality of the target child component.

Source: Library server

ICM7325   **The encryption algorithm for data integrity is invalid.**

Explanation: A data integrity error occurred.

User response: Select a valid encryption algorithm.

Source: Library server

ICM7326   **A link cannot be added between these two item types because a link already exists between them.**

Explanation: Creating a new link between a source and target item type when a link already exists is no longer allowed.

User response: Do not create a link between a source and target item type when a link already exists. However, the existing auto link may be updated with a new attribute.

Source: Library server

ICM7338 **The input attribute requires an integer value. The %1 value is not an integer.**

Explanation: No further explanation is required.

User response: Enter an integer value and try the operation again.

ICM7339 **The input attribute requires a double value. The %1 value is not a double value.**

Explanation: No further explanation is required.

User response: Enter a double value and try the operation again.

ICM7340 **The input attribute requires a time stamp value. The %1 value is not a time stamp.**

Explanation: No further explanation is required.

User response: Enter a time stamp value and try the operation again.

ICM7341 **The input attribute requires a string value. The %1 value is not a string value.**

Explanation: No further explanation is required.

User response: Enter a string value and try the operation again.

ICM7342 **The input attribute requires a date value. The %1 value is not a date.**

Explanation: No further explanation is required.

User response: Enter a date value and try the operation again.

ICM7343 **The input attribute requires a decimal value. The %1 value is not a decimal value.**

Explanation: No further explanation is required.

User response: Enter a decimal value and try the operation again.

ICM7344 **The input attribute requires a short value. The %1 value is not a short value.**

Explanation: No further explanation is required.

User response: Enter a short value and try the operation again.

ICM7345 **One or more of the values that was specified for the input attribute values do not match the attribute values for any items in the library server database.**

Explanation: No further explanation is required.

User response: Ensure that the attribute values that you entered match values that exist in the library server database.

ICM7350 **Cannot delete a system-defined item type.**

Explanation: You tried to delete a system-defined item type.

User response: Do not delete a system-defined item type.

Source: Library server

ICM7351 **The item type name already exists.**

Explanation: You tried to create a new item type whose name already exists in the library server.

User response: Make sure that your new item type name is unique.

Source: Library server

ICM7358 **Cannot locate item type information associated with the component.**

Explanation: An internal error occurred.

User response: Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

Source: Library server

ICM7359 **Cannot update a system-defined item type.**

Explanation: You tried to update a system-defined item type.

User response: Do not update a system-defined item type.

Source: Library server

ICM7360   Item type class is not found from ICMSTITEMTYPEDEFS.

Explanation: An internal error occurred.

User response: Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

Source: Library server

ICM7361   The caller is trying to define or update an item type with version control on and with the maximum version set to 1, which is contradictory to the setting of turning on version control to allow new versions being recorded; such setting will cause future call to update items fail.

Explanation: This is an item type error.

User response: See your IBM service representative.

Source: Library server

ICM7370   When you create or update a part item type, the hierarchical related setting is not valid because the part item type class is not eligible for the hierarchical feature.

Explanation: No further explanation is required.

User response: Turn off the hierarchical option for the part item type creation.

Source: Library server

ICM7371   When you update the item type, the hierarchical related setting is not valid because after an item type is created the hierarchical feature cannot be updated.

Explanation: No further explanation is required.

User response: Use the enablement tool to enable the hierarchical feature for an existing nonhierarchical item type. Do not try to disable the hierarchical feature for an existing hierarchical item type.

Source: Library server

ICM7372   When the item type is created or updated, the hierarchical related setting is not valid because a hierarchical item type cannot enable the automatic linking option and cannot be the source folder item type of an automatic linking rule.

Explanation: No further explanation is required.

User response: You can pass in the hierarchical item type only as the target item type. Another option is to use another item type that has the hierarchical feature disabled as the source item type of an automatic linking rule.

Source: Library server

ICM7373   When you create or update a part item type, the folder related setting is not valid because the part item type class is not eligible for the folders only option.

Explanation: No further explanation is required.

User response: Do not try to enable the folders only option for this part item type.

Source: Library server

ICM7374   When you update the item type, the folder related setting is not valid because this item type is a hierarchical item type containing hierarchical folders, and cannot therefore disable the folders only option.

Explanation: You cannot update the folders only option for this hierarchical item.

User response: Do not try to update the folders only option for this hierarchical item type.

Source: Library server

ICM7375   When you update the item type, the folder related setting is not valid because this item type contains items without the semantic type Folder. It is therefore not eligible for the folder feature.

Explanation: No further explanation is required.

User response: Do not try to enable the folders only option for this item type.

Source: Library server

ICM7376   The predefined hierarchical objects are read-only and protected from other run time operations. Updates to the ICM$FOLDER item type are not allowed. For example, you cannot change properties, add new attributes, add foreign keys, define user defined item type views, define component indexes, or add automatic linking rules. Nor can you delete the ICM$FOLDER item type.

Explanation: No further explanation is required.

User response: Do not try to update or delete the system predefined ICM$FOLDER item type.

Source: Library server

| ICM7377 | The predefined hierarchical objects are read-only and protected from other run time operations. Creating new items or reindexing items to the system predefined ICM$FOLDER item type is not allowed. |

Explanation: No further explanation is required.

User response: Do not try to create new items or reindex items to the system predefined ICM$FOLDER item type.

Source: Library server

| ICM7378 | The predefined hierarchical objects are read-only and protected from other run time operations. You can add links to the ICMROOTFOLDER but updating, deleting, or reindexing on the system predefined ICMROOTFOLDER hierarchical folder is not allowed. |

Explanation: No further explanation is required.

User response: Do not try to update, delete, or reindex the system predefined ICMROOTFOLDER hierarchical folder.

Source: Library server

| ICM7379 | The predefined hierarchical objects are read-only and protected from other run time operations. You can add links to the ICMROOTFOLDER folders, but adding the ICMROOTFOLDER folder to a hierarchical folder is not allowed. |

Explanation: No further explanation is required.

User response: Do not try to add the ICMROOTFOLDER folder to a hierarchical folder.

Source: Library server

| ICM7380 | The predefined hierarchical objects are read-only and protected from other run time operations. You can add links to the ICMSYSDEFAULTFOLDER folders, but updating, deleting, or reindexing on the system predefined ICMSYSDEFAULTFOLDER hierarchical folder is not allowed. |

Explanation: No further explanation is required.

User response: Do not try to update, delete, or reindex the system predefined ICMSYSDEFAULTFOLDER hierarchical folder.

Source: Library server

| ICM7381 | The predefined hierarchical objects are read-only and protected from other run time operations. You can add links to ICMSYSDEFAULTFOLDER folders, but moving the ICMSYSDEFAULTFOLDER folder from ICMROOTFOLDER folder to another hierarchical folder is not allowed. |

Explanation: No further explanation is required.

User response: Do not try to move the ICMSYSDEFAULTFOLDER folder to another hierarchical folder.

Source: Library server

| ICM7382 | In a create and reindex operation, the hierarchical parent folder input is missing for an item in a hierarchical item type. |

Explanation: No further explanation is required.

User response: During the create and reindex operation, provide an input of hierarchical parent folder with semantic type Folder.

Source: Library server

| ICM7383 | When creating or reindexing an item in a hierarchical item type, or moving a hierarchical item to a new hierarchical parent folder by a move link action, the parent folder input is provided but it is not a hierarchical parent folder. |

Explanation: For a hierarchical item create, reindex, or move link operation, the input must be a hierarchical parent folder with semantic type Folder.

User response: For a hierarchical item create, reindex or move link operation, make sure the input is a hierarchical parent folder with semantic type Folder .

Source: Library server

| ICM7384 | In a create operation, the hierarchical folder with semantic type Folder is provided to a hierarchical item type whose folders only option is disabled. |

Explanation: During the create operation, the input must be a hierarchical item or document with semantic type other than Folder.

User response: During the create operation, provide an input of hierarchical item or document with semantic type other than Folder.

Source: Library server

| ICM7385 | A hierarchical item in an update or reindex operation cannot have the semantic type changed from Folder to others, or from others to Folder. |

Explanation: No further explanation is required.

User response: During an update or reindex operation to an item in a hierarchical item type, do not update the semantic type from Folder to others, or from others to Folder.

Source: Library server

| ICM7386 | During the create operation, the input semantic type was not Folder to an item in a folder item type. |

Explanation: No further explanation is required.

User response: During the create operation, change the semantic type to Folder for this item.

Source: Library server

| ICM7387 | During the update operation, the semantic type Folder is not changeable on a folder in a folder item type. |

Explanation: No further explanation is required.

User response: During the update operation, do not try to provide the semantic type input.

Source: Library server

| ICM7388 | The name of a hierarchical child item or folder is not unique within the same hierarchical parent folder. Possible reason codes are: 1- The error occurs on the default ICMSYSDEFAULTFOLDER folder. 0- The error occurs on a hierarchical parent folder other than the default ICMSYSDEFAULTFOLDER folder. |

Explanation: The input name cannot be the same name as another hierarchical item or folder name under the same hierarchical parent folder.

User response: Change the name or change to another hierarchical parent folder and then invoke the run time operation again.

Source: Library server

| ICM7389 | When you add or move a link, a hierarchical item cannot have multiple hierarchical parent folders. |

Explanation: No further explanation is required.

User response: Do not try to add or move a link with link type DKFolder for a hierarchical item that would result in multiple hierarchical parent folders to a hierarchical item.

Source: Library server

| ICM7390 | When you remove or move a link, a hierarchical item was missing a hierarchical parent folder and got disconnected from the hierarchical root folder ICMROOTFOLDER. |

Explanation: No further explanation is required.

User response: Do not try to remove or move a link with link type DKFolder for a hierarchical item that would result in the hierarchical parent folder missing and disconnected from the hierarchical root folder ICMROOTFOLDER since it requires a single hierarchical parent folder.

Source: Library server

| ICM7391 | Reindexing an item to a hierarchical item type would result in multiple hierarchical parent folders for the item, or for a hierarchical child, therefore the operation is rejected. |

Explanation: A nonhierarchical item can belong to more than one hierarchical parent folder, but a hierarchical item (except for a root folder) must have one and only one hierarchical parent folder. There are several scenarios that would result in multiple hierarchical parents during reindexing:

- Reindexing from a nonhierarchical to a hierarchical item type
  - the item has at least one hierarchical child item before reindexing, which would cause the child to have multiple hierarchical parents after reindexing
  - the item already has two or more hierarchical parents before reindexing
  - the item has one hierarchical parent folder and the user provides a different hierarchical parent item as input
- Reindexing from a hierarchical to a different hierarchical item type where the user provides a different hierarchical folder as an additional parent to the item

User response: Before reindexing an item to a hierarchical item type, depending on which scenario is violated, you need to resolve multiple hierarchical parent folders.

Source: Library server

| **ICM7392** | **Reindexing an item from a hierarchical item type to a nonhierarchical item type that results in a child without a parent folder is not allowed.** |

Explanation: No further explanation is required.

User response: Before reindexing a folder from a hierarchical folder item type to a nonhierarchical one, move the hierarchical child items to another parent folder.

Source: Library server

| **ICM7393** | **You cannot delete a hierarchical parent folder that still contains a hierarchical document or folder.** |

Explanation: No further explanation is required.

User response: Before you try to delete the hierarchical parent folder, delete the hierarchical document or folder under the hierarchical parent folder.

Source: Library server

| **ICM7394** | **In a create and reindex operation, the parent folder is provided but the semantic type is not Folder for a nonhierarchical item.** |

Explanation: No further explanation is required.

User response: During the create and reindex operation, provide an input of parent folder with semantic type Folder.

Source: Library server

| **ICM7395** | **The update operation does not accept parent folder as a valid input.** |

Explanation: No further explanation is required.

User response: During an update operation, do not try to provide a parent folder for an item.

Source: Library server

| **ICM7396** | **During the move link operation, the input hierarchical parent folder either is nonexistent or does not match the existing hierarchical parent folder in the link.** |

Explanation: No further explanation is required.

User response: During the move link operation, provide a valid and matched hierarchical parent folder.

Source: Library server

| **ICM7400** | **The requested item has already been checked out by another user.** |

Explanation: None.

User response: Make sure that an item is not checked out by another user before requesting it.

Source: Library server

| **ICM7401** | **Error deleting the item record.** |

Explanation: An internal error occurred.

User response: Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

Source: Library server

| **ICM7402** | **Specified item ID does not exist.** |

Explanation: None.

User response: Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

Source: Library server

| **ICM7403** | **Error creating a unique item ID.** |

Explanation: An internal error occurred.

User response: Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

Source: Library server

| **ICM7404** | **The specified item cannot be deleted because it is linked to other items.** |

Explanation: None.

User response: Make sure that the specified item is not linked to other items before deleting it.

Source: Library server

| **ICM7405** | **Checking in an item requires that the item be checked out.** |

Explanation: You tried to check in an item, but that item was not checked out.

User response: Check out an item before checking it in.

Source: Library server

ICM7408 **An error occurred while creating a view for the component table. Review the server log for database errors. If necessary, see your IBM service representative.**

Explanation: An internal error occurred.

User response: Follow the recommended action in the message text.

Information about setting the library server trace is available at http://publib.boulder.ibm.com/infocenter/ cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/ dcmlt018.htm.

Information about the library server log is available at http://publib.boulder.ibm.com/infocenter/cmgmt/ v8r4m0/topic/com.ibm.installingcm.doc/dcmit322.htm

Source: Library server

ICM7409 **An error occurred while creating a view for the component table. Review the server log for database errors. If necessary, see your IBM service representative.**

Explanation: None.

User response: Follow the recommended action in the message text.

Information about setting the library server trace is available at http://publib.boulder.ibm.com/infocenter/ cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/ dcmlt018.htm.

Information about the library server log is available at http://publib.boulder.ibm.com/infocenter/cmgmt/ v8r4m0/topic/com.ibm.installingcm.doc/dcmit322.htm

Source: Library server

ICM7413 **This is an internal error. Run the application again with server trace set to Detail and Data. Save the server log and see your IBM service representative.**

Explanation: None.

User response: Follow the recommended action in the message text.

Information about setting the library server trace is available at http://publib.boulder.ibm.com/infocenter/ cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/ dcmlt018.htm.

Information about the library server log is available at http://publib.boulder.ibm.com/infocenter/cmgmt/ v8r4m0/topic/com.ibm.installingcm.doc/dcmit322.htm

Source: Library server

ICM7414 **This is an internal error. Run the application again with server trace set to Detail and Data. Save the server log and see your IBM service representative.**

Explanation: None.

User response: Follow the recommended action in the message text.

Information about setting the library server trace is available at http://publib.boulder.ibm.com/infocenter/ cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/ dcmlt018.htm.

Information about the library server log is available at http://publib.boulder.ibm.com/infocenter/cmgmt/ v8r4m0/topic/com.ibm.installingcm.doc/dcmit322.htm

Source: Library server

ICM7417 **Returned from the internal ICMgetDOC_TOC call if a cursor fetch of a document item table results in no rows (no documents were found).**

Explanation: An internal error occurred.

User response: Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

Source: Library server

ICM7418 **This is an internal error. Run the application again with server trace set to Detail and Data. Save the server log and see your IBM service representative.**

Explanation: None.

User response: Follow the recommended action in the message text.

Information about setting the library server trace is available at http://publib.boulder.ibm.com/infocenter/ cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/ dcmlt018.htm.

Information about the library server log is available at http://publib.boulder.ibm.com/infocenter/cmgmt/ v8r4m0/topic/com.ibm.installingcm.doc/dcmit322.htm

Source: Library server

ICM7419 **Cannot change the item type of the item because it is checked out by another user.**

Explanation: You tried to change the item type of the item, but that item is checked out by another user.

User response: Make sure that the item is not checked out by another user before changing the item type.

Source: Library server

ICM7420 **The new item type requested is the same as the current item type.**

Explanation: You requested a new item type, but that new item type is the same as the current item type.

User response: Request a different item type.

Source: Library server

ICM7421 **Cannot reindex to/from resource to non-resource item type.**

Explanation: None.

User response: Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

Source: Library server

ICM7422 **Cannot change the item type of a part.**

Explanation: You cannot change the item type of a part.

User response: Do not change the item type of a part.

Source: Library server

ICM7423 **Cannot change the item type to a part.**

Explanation: You cannot change the item type to a part.

User response: Do not change the item type to a part.

Source: Library server

ICM7500 **Library server cannot locate the given content management document routing process name. The process name might not be defined yet or has already been deleted. Check its name and try again.**

Explanation: None.

User response: Check the document routing process name and try again.

Source: Library server

ICM7501 **Library server cannot locate the starting work node in the given document routing process name. Check to see if the given process is valid.**

Explanation: None.

User response: Make sure that the given document routing process is valid.

Source: Library server

ICM7502 **Library server cannot locate the work node identified by the given work node item ID or the next work node from the current work node. Check the input to make sure it is valid.**

Explanation: None.

User response: Make sure that the input is valid.

Source: Library server

ICM7503 **Library server cannot locate the work package identified by the given work package component ID and its work node item ID. Check the input to make sure it is valid.**

Explanation: None.

User response: Make sure that the input is valid.

Source: Library server

ICM7506 **Cannot set the resume time for the item to be suspended.**

Explanation: None.

User response: Do not set the resume time for the item to be suspended.

Source: Library server

ICM7507 **Action code specified is not valid.**

Explanation: The action code you specified is not valid.

User response: Specify a valid action code.

Source: Library server

ICM7508 **Menu or work node is not valid.**

Explanation: None.

User response: Make sure that the menu or work node is valid.

Source: Library server

ICM7509 **Attempt to delete work node failed.**

Explanation: Your attempt to delete a work node failed.

User response: Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

Source: Library server

ICM7510 Cannot locate requested target (document) item ID.

Explanation: None.

User response: Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

Source: Library server

ICM7511 Cannot locate requested target (document) item type ID.

Explanation: None

User response: Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

Source: Library server

ICM7512 Cannot locate requested worklist.

Explanation: None.

User response: Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

Source: Library server

ICM7513 Last changed time in work package does not match the one recorded in the document routing process table.

Explanation: None.

User response: Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

Source: Library server

ICM7514 Failed while trying to delete the entries in the resume list table.

Explanation: None.

User response: Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

Source: Library server

ICM7515 Failed while trying to resume item.

Explanation: None.

User response: Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

Source: Library server

ICM7516 Invalid suspend unit specified (1 = hours, 2 = days).

Explanation: You specified an invalid suspend unit.

User response: Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

Source: Library server

ICM7517 Invalid suspend duration specified (must be >= 0).

Explanation: You specified an invalid suspend duration.

User response: Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

Source: Library server

ICM7518 Expected a resume list structure, but struct ID did not match.

Explanation: None.

User response: Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

Source: Library server

ICM7519 Item type specified in resume list struct is out of range.

Explanation: None.

User response: Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

Source: Library server

ICM7520 Item type specified in resume list struct could not be found.

Explanation: None.

User response: Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

Source: Library server

ICM7521 Quantity required for item type in resume list is invalid (must be >= 0).

Explanation: None.

User response: Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

Source: Library server

ICM7522   **Failed while trying to change priority of work item.**

Explanation: None.

User response: Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

Source: Library server

ICM7523   **Failed while trying to suspend item.**

Explanation: None.

User response: Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

Source: Library server

ICM7524   **Library server detects a collection point looping back to itself in a document routing process.**

Explanation: None.

User response: Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

Source: Library server

ICM7525   **Suspend-by-item requires document type of folder.**

Explanation: None.

User response: Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

Source: Library server

ICM7526   **The requirements for the suspend-by-item resume list have already been met. No action was taken.**

Explanation: None.

User response: None.

Source: Library server

ICM7527   **This process is in use as a subprocess of another process and cannot be deleted.**

Explanation: This is document routing error.

User response: See your IBM service representative.

Source: Library server

ICM7528   **This input workpackage was routed to the next work node or was handled. Workpackages for subprocesses or split nodes were generated.**

Explanation: A document routing error occurred.

User response: Make sure that the document contained in the workpackage is checked out, and continue the workpackage only when the contained document is checked out.

Source: Library server

ICM7529   **Used only for internal testing.**

Explanation: An attempt to delete a process failed because the process still contains work packages.

User response: Make sure that the process does not contain any work packages.

Source: Library server

ICM7590   **The retrieve action cannot handle the number of item types associated with the items to be retrieved. Retrieve items from fewer item types.**

Explanation: There exists a variable maximum number of item types from which items can be retrieved in one multi-item retrieve operation. Multi-item retrieve can be called directly or indirectly through search / query with a retrieve option greater than CONTENT_IDONLY. When a collection of DKDDO objects is sent to multi-item retrieve, the objects of that collection can only be from a variable maximum number of different object types. The maximum number will vary depending on your system.

User response: Retrieve items from fewer item types. Consider separating one large multi-item retrieve operation call into two or more calls. Create two or more DKSequentialCollection objects to hold the contents of the original dkCollection object. Consider placing a portion of all objects from a particular set of object types in one collection the another portion of different object types in the other. If this error is the results of a search / query, consider (1) adjusting your search to yield fewer results or find items from fewer item types, (2) setting a maximum number of results to a smaller number, or (3) retrieve with option CONTENT_IDONLY and split up the DKResults collection returned into two or more DKSequentialCollection objects and perform the multi-item retrieve operation separately.

Source: Library server

ICM7600   An internal error occurred.

Explanation: None.

User response: Save the server log and see your IBM service representative.

Source: Library server

ICM7601   An internal error occurred.

Explanation: None.

User response: Save the server log and see your IBM service representative.

Source: Library server

ICM7602   An internal error occurred.

Explanation: None.

User response: Save the server log and see your IBM service representative.

Source: Library server

ICM7604   An internal error occurred.

Explanation: None.

User response: Save the server log and see your IBM service representative.

Source: Library server

ICM7651   The source and target of a replication rule are in different domains.

Explanation: The source and target of a replication rule are in different domains.

User response: Save the server log and see your IBM service representative.

Source: Library server

ICM7652   Information Integrator for Content Version 8, Release 1 tried to create or update an item under the item type that is replication-enabled; Information Integrator for Content Version 8, Release 2 or later is required.

Explanation: A replicator or migrator error occurred.

User response: Save the server log and see your IBM service representative.

Source: Library server

ICM7653   Unable to check out because the object on the source resource manager server is out of date.

Explanation: An internal error occurred.

User response: Run the application again with the library server trace set to Detail and Data. Save the server log and see your IBM service representative.

Source: Library server

ICM7654   Invalid source replicator is specified; that is, the source resource manager server or collection cannot be found.

Explanation: An internal error occurred.

User response: Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

Source: Library server

ICM7655   Invalid target replicator is specified; that is, the target resource manager server or collection cannot be found.

Explanation: An internal error occurred.

User response: Run the application again with the library server trace set to Detail and Data. Save the server log and see your IBM service representative.

Source: Library server

ICM7656   Invalid source migrator is specified; that is, the source resource manager server or collection cannot be found.

Explanation: An internal error occurred.

User response: Run the application again with the library server trace set to Detail and Data. Save the server log and see your IBM service representative.

Source: Library server

ICM7657   Invalid target migrator is specified; that is, the target resource manager server or collection cannot be found.

Explanation: An internal error occurred.

User response: Run the application again with the library server trace set to Detail and Data. Save the server log and see your IBM service representative.

Source: Library server

ICM7658 **Exceeded the maximum number of items allowed per replication or migration requests.**

Explanation: An internal error occurred.

User response: Run the application again with the library server trace set to Detail and Data. Save the server log and see your IBM service representative.

Source: Library server

ICM7659 **Target resource manager server is currently taken offline by the system administrator, and therefore unable to check out.**

Explanation: An internal error occurred.

User response: Run the application again with the library server trace set to Detail and Data. Save the server log and see your IBM service representative.

Source: Library server

ICM7660 **The source resource manager has the latest object therefore, you can perform replication. Because the target resource manager server has an existing object, the migrator ignores this request.**

Explanation: An internal error occurred.

User response: Run the application again with the library server trace set to Detail and Data. Save the server log and see your IBM service representative.

Source: Library server

ICM7661 **An internal error occurred.**

Explanation: None.

User response: Save the server log and see your IBM service representative.

Source: Library server

ICM7664 **An internal error occurred.**

Explanation: None.

User response: Save the server log and see your IBM service representative.

Source: Library server

ICM7665 **An internal error occurred.**

Explanation: None.

User response: Save the server log and see your IBM service representative.

Source: Library server

ICM7668 **An internal error occurred.**

Explanation: None.

User response: Save the server log and see your IBM service representative.

Source: Library server

ICM7669 **An internal error occurred.**

Explanation: None.

User response: Save the server log and see your IBM service representative.

Source: Library server

ICM7701 **An internal error occurred.**

Explanation: None.

User response: Save the server log and see your IBM service representative.

Source: Library server

ICM7702 **An internal error occurred.**

Explanation: None.

User response: Save the server log and see your IBM service representative.

Source: Library server

ICM7703 **An internal error occurred.**

Explanation: None.

User response: Save the server log and see your IBM service representative.

Source: Library server

ICM7704 **An internal error occurred.**

Explanation: None.

User response: Save the server log and see your IBM service representative.

Source: Library server

ICM7705 **An internal error occurred.**

Explanation: None.

User response: Save the server log and see your IBM service representative.

Source: Library server

ICM7706   An internal error occurred.

Explanation: None.

User response: Save the server log and see your IBM service representative.

Source: Library server

ICM7707   An internal error occurred.

Explanation: None.

User response: Save the server log and see your IBM service representative.

Source: Library server

ICM7708   An internal error occurred.

Explanation: None.

User response: Save the server log and see your IBM service representative.

Source: Library server

ICM7709   An internal error occurred.

Explanation: None.

User response: Save the server log and see your IBM service representative.

Source: Library server

ICM7710   An internal error occurred.

Explanation: None.

User response: Save the server log and see your IBM service representative.

Source: Library server

ICM7711   An internal error occurred.

Explanation: None.

User response: Save the server log and see your IBM service representative.

Source: Library server

ICM7712   An internal error occurred.

Explanation: None.

User response: Save the server log and see your IBM service representative.

Source: Library server

ICM7713   An internal error occurred.

Explanation: None.

User response: Save the server log and see your IBM service representative.

Source: Library server

ICM7750   A long-running transaction is in progress. See ICMSERVER.LOG for user ID of transaction in progress. Ensure that all transactions have completed prior to the start of backup.

Explanation: A long-running transaction is in progress. See ICMSERVER.LOG for user ID of transaction in progress. Ensure that all transactions have completed prior to the start of backup.

User response: Save the server log and see your IBM service representative.

Source: Library server

ICM7751   The server has been paused for backup. Try again later.

Explanation: The server has been paused for backup. Try again later.

User response: Save the server log and see your IBM service representative.

Source: Library server

ICM7752   The transaction has exceeded the maximum allowed time and will be terminated as a result of a pause server request.

Explanation: The transaction has exceeded the maximum allowed time and will be terminated as a result of a pause server request.

User response: Save the server log and see your IBM service representative.

Source: Library server

ICM7753   The entered quiesce grace period number of seconds is not valid. Enter the grace period as a positive number.

Explanation: The grace period must be a positive number.

User response: Enter the grace period as a positive number.

Source: Library server

| ICM7754 | The entered quiesce duration is not valid. Enter the duration as a positive number. |

Explanation: The duration must be a positive number.

User response: Enter the duration as a positive number.

Source: Library server

| ICM7755 | The entered quiesce server time is not valid. Enter the server time as a positive number. |

Explanation: The server time must be a positive number.

User response: Enter the server time as a positive number.

Source: Library server

| ICM7800 | A communication error has occurred. Socket error <plExtRC>. More details can be found in the library server log. |

Explanation: A socket communication error occurred.

User response: Check the error returned by the library server in the appropriate socket reference guide, and proceed with the indicated action.

Information about setting the library server trace is available at http://publib.boulder.ibm.com/infocenter/cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/dcmlt018.htm.

Information about the library server log is available at http://publib.boulder.ibm.com/infocenter/cmgmt/v8r4m0/topic/com.ibm.installingcm.doc/dcmit322.htm

Source: Library server

| ICM7912 | A database concurrency conflict occurred between this transaction and to one or more transactions. This transaction will be rolled back. Try the operation again. |

Explanation: Two transactions are concurrently doing updates that impact the same object in the database, causing a database concurrency conflict. One transaction will be rolled back.

User response: Retry the operation that caused this error.

Source: Library server

| ICM7913 | One or more input values are not valid and therefore do not satisfy the foreign key constraint for the insert or update operation. See your IBM service representative and provide the server log with tracelevel=15. |

Explanation: No explanation can be provided.

User response: Follow the recommended action in the message text.

Information about setting the library server trace is available at http://publib.boulder.ibm.com/infocenter/cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/dcmlt018.htm.

Information about the library server log is available at http://publib.boulder.ibm.com/infocenter/cmgmt/v8r4m0/topic/com.ibm.installingcm.doc/dcmit322.htm

Source: Library server

| ICM7914 | The item type being defined already exists. |

Explanation: None.

User response: Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

Source: Library server

| ICM7915 | Internal Error during updateObjData(). See your IBM service representative and provide server log with tracelevel=15. |

Explanation: An internal error occurred during calling the function updateObjData().

User response: See your IBM service representative and provide server log with trace level 15. If the trace level is not 15, set it to 15 and run the application again.

Information about setting the library server trace is available at http://publib.boulder.ibm.com/infocenter/cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/dcmlt018.htm.

Information about the library server log is available at http://publib.boulder.ibm.com/infocenter/cmgmt/v8r4m0/topic/com.ibm.installingcm.doc/dcmit322.htm

Source: Library server

| ICM7916 | This is an internal error. Run the application again with server trace set to Detail and Data. Save the server log and see your IBM service representative. |

Explanation: None.

User response: Follow the recommended action in the message text.

Information about setting the library server trace is
available at http://publib.boulder.ibm.com/infocenter/
cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/
dcmlt018.htm.

Information about the library server log is available at
http://publib.boulder.ibm.com/infocenter/cmgmt/
v8r4m0/topic/com.ibm.installingcm.doc/dcmit322.htm

Source: Library server

ICM7917 **When an application calls
ICMget_ItemType, the user might
specify one or more item types (or none,
which means all), as well as one or
more privilege codes (or none, that
means use the default of Query Item
Type Privilege). If there is no ACL code
that authorizes a user to see any of the
item type(s) requested, this return code
is sent back, and no cursors are opened.**

Explanation: None.

User response: Run the application again with the
server trace set to Detail and Data. Save the server log
and see your IBM service representative.

Source: Library server

ICM7918 **No ROOT component exists for the item
type associated with the component.**

Explanation: None.

User response: Run the application again with the
server trace set to Detail and Data. Save the server log
and see your IBM service representative.

Source: Library server

ICM7920 **This is an internal error. Run the
application again with server trace set to
Detail and Data. Save the server log and
see your IBM service representative.**

Explanation: None.

User response: Follow the recommended action in the
message text.

Information about setting the library server trace is
available at http://publib.boulder.ibm.com/infocenter/
cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/
dcmlt018.htm.

Information about the library server log is available at
http://publib.boulder.ibm.com/infocenter/cmgmt/
v8r4m0/topic/com.ibm.installingcm.doc/dcmit322.htm

Source: Library server

ICM7921 **This is an internal error. Run the
application again with server trace set to
Detail and Data. Save the server log and
see your IBM service representative.**

Explanation: None.

User response: Follow the recommended action in the
message text.

Information about setting the library server trace is
available at http://publib.boulder.ibm.com/infocenter/
cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/
dcmlt018.htm.

Information about the library server log is available at
http://publib.boulder.ibm.com/infocenter/cmgmt/
v8r4m0/topic/com.ibm.installingcm.doc/dcmit322.htm

Source: Library server

ICM7922 **This is an internal error. Run the
application again with server trace set to
Detail and Data. Save the server log and
see your IBM service representative.**

Explanation: None.

User response: Follow the recommended action in the
message text.

Information about setting the library server trace is
available at http://publib.boulder.ibm.com/infocenter/
cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/
dcmlt018.htm.

Information about the library server log is available at
http://publib.boulder.ibm.com/infocenter/cmgmt/
v8r4m0/topic/com.ibm.installingcm.doc/dcmit322.htm

Source: Library server

ICM7932 **This is an internal error. Run the
application again with server trace set to
Detail and Data. Save the server log and
see your IBM service representative.**

Explanation: None.

User response: Follow the recommended action in the
message text.

Information about setting the library server trace is
available at http://publib.boulder.ibm.com/infocenter/
cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/
dcmlt018.htm.

Information about the library server log is available at
http://publib.boulder.ibm.com/infocenter/cmgmt/
v8r4m0/topic/com.ibm.installingcm.doc/dcmit322.htm

Source: Library server

ICM7933 This is an internal error. Run the application again with server trace set to Detail and Data. Save the server log and see your IBM service representative.

Explanation: None.

User response: Follow the recommended action in the message text.

Information about setting the library server trace is available at http://publib.boulder.ibm.com/infocenter/ cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/ dcmlt018.htm.

Information about the library server log is available at http://publib.boulder.ibm.com/infocenter/cmgmt/ v8r4m0/topic/com.ibm.installingcm.doc/dcmit322.htm

Source: Library server

ICM7934 This is an internal error. Run the application again with server trace set to Detail and Data. Save the server log and see your IBM service representative.

Explanation: None.

User response: Follow the recommended action in the message text.

Information about setting the library server trace is available at http://publib.boulder.ibm.com/infocenter/ cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/ dcmlt018.htm.

Information about the library server log is available at http://publib.boulder.ibm.com/infocenter/cmgmt/ v8r4m0/topic/com.ibm.installingcm.doc/dcmit322.htm

Source: Library server

ICM7935 This is an internal error. Run the application again with server trace set to Detail and Data. Save the server log and see your IBM service representative.

Explanation: None.

User response: Follow the recommended action in the message text.

Information about setting the library server trace is available at http://publib.boulder.ibm.com/infocenter/ cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/ dcmlt018.htm.

Information about the library server log is available at http://publib.boulder.ibm.com/infocenter/cmgmt/ v8r4m0/topic/com.ibm.installingcm.doc/dcmit322.htm

Source: Library server

ICM7944 This is an internal error. Run the application again with server trace set to Detail and Data. Save the server log and see your IBM service representative.

Explanation: None.

User response: Follow the recommended action in the message text.

Information about setting the library server trace is available at http://publib.boulder.ibm.com/infocenter/ cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/ dcmlt018.htm.

Information about the library server log is available at http://publib.boulder.ibm.com/infocenter/cmgmt/ v8r4m0/topic/com.ibm.installingcm.doc/dcmit322.htm

Source: Library server

ICM7947 This is an internal error. Run the application again with server trace set to Detail and Data. Save the server log and see your IBM service representative.

Explanation: None.

User response: Follow the recommended action in the message text.

Information about setting the library server trace is available at http://publib.boulder.ibm.com/infocenter/ cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/ dcmlt018.htm.

Information about the library server log is available at http://publib.boulder.ibm.com/infocenter/cmgmt/ v8r4m0/topic/com.ibm.installingcm.doc/dcmit322.htm

Source: Library server

ICM7948 Used only for internal testing.

Explanation: A deletion of this item causes a cascading delete operation for the record. A cascading delete operation that affects a record is not allowed.

User response: None.

Source: Library server

ICM7949 Used only for internal testing.

Explanation: At least one version of the item being reindexed is a record. The reindexing of a record is not allowed.

User response: None.

Source: Library server

ICM7950   **Used only for internal testing.**

Explanation: No new part can be added to a record.

User response: None.

Source: Library server

ICM7951   **Used only for internal testing.**

Explanation: No part of a record can be deleted.

User response: None.

Source: Library server

ICM7952   **Used only for internal testing.**

Explanation: The part being updated or deleted is shared by a record. The updating or deleting of a part that is shared by a record is not allowed.

User response: None.

Source: Library server

ICM7953   **Used only for internal testing.**

Explanation: A direct update of a record or any other item to create a new versioned record is not allowed.

User response: None.

Source: Library server

ICM7954   **Used only for internal testing.**

Explanation: Bit 15 of the system flag is reserved by the system and cannot be reset after it is set by the system.

User response: None.

Source: Library server

ICM7966   **Used only for internal testing.**

Explanation: For versioning, when the maximum version is reached the oldest version is deleted. However, if the oldest version is a record then the deletion is not allowed.

User response: None.

Source: Library server

ICM7967   **This is an internal error. Run the application again with server trace set to Detail and Data. Save the server log and see your IBM service representative.**

Explanation: None.

User response: Follow the recommended action in the message text.

Information about setting the library server trace is available at http://publib.boulder.ibm.com/infocenter/ cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/ dcmlt018.htm.

Information about the library server log is available at http://publib.boulder.ibm.com/infocenter/cmgmt/ v8r4m0/topic/com.ibm.installingcm.doc/dcmit322.htm

Source: Library server

ICM7968   **The component type that is being deleted either has rows in the table or is system-defined and cannot be deleted.**

Explanation: An internal error occurred.

User response: Save the server log and see your IBM service representative.

Source: Library server

ICM7969   **The ICMdefine_CompType stored procedure returns this if the component type that is being deleted either has rows in the table, or is less than 1000 (that is, system-defined).**

Explanation: An internal error occurred.

User response: Save the server log and see your IBM service representative.

Source: Library server

ICM7970   **A failure occurred when the library server attempted to update the encryption key for a resource manager. See the library server log for details.**

Explanation: An error is returned from the resource manager when a keyflush error occurs.

User response: See your IBM service representative.

Source: Library server

ICM7971   **Specified number of components is less than zero.**

Explanation: An internal error occurred.

User response: Save the server log and see your IBM service representative.

Source: Library server

ICM7972   **This is an internal error. Run the application again with server trace set to Detail and Data. Save the server log and see your IBM service representative.**

Explanation: None.

User response: Follow the recommended action in the message text.

Information about setting the library server trace is available at http://publib.boulder.ibm.com/infocenter/cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/dcmlt018.htm.

Information about the library server log is available at http://publib.boulder.ibm.com/infocenter/cmgmt/v8r4m0/topic/com.ibm.installingcm.doc/dcmit322.htm

Source: Library server

ICM7973 **This is an internal error. Run the application again with server trace set to Detail and Data. Save the server log and see your IBM service representative.**

Explanation: None.

User response: Follow the recommended action in the message text.

Information about setting the library server trace is available at http://publib.boulder.ibm.com/infocenter/cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/dcmlt018.htm.

Information about the library server log is available at http://publib.boulder.ibm.com/infocenter/cmgmt/v8r4m0/topic/com.ibm.installingcm.doc/dcmit322.htm

Source: Library server

ICM7975 **This is an internal error. Run the application again with server trace set to Detail and Data. Save the server log and see your IBM service representative.**

Explanation: None.

User response: Follow the recommended action in the message text.

Information about setting the library server trace is available at http://publib.boulder.ibm.com/infocenter/cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/dcmlt018.htm.

Information about the library server log is available at http://publib.boulder.ibm.com/infocenter/cmgmt/v8r4m0/topic/com.ibm.installingcm.doc/dcmit322.htm

Source: Library server

ICM7978 **This is an internal error. Run the application again with server trace set to Detail and Data. Save the server log and see your IBM service representative.**

Explanation: None.

User response: Follow the recommended action in the message text.

Information about setting the library server trace is available at http://publib.boulder.ibm.com/infocenter/

cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/dcmlt018.htm.

Information about the library server log is available at http://publib.boulder.ibm.com/infocenter/cmgmt/v8r4m0/topic/com.ibm.installingcm.doc/dcmit322.htm

Source: Library server

ICM7979 **This is an internal error. Run the application again with server trace set to Detail and Data. Save the server log and see your IBM service representative.**

Explanation: No further explanation is required.

User response: Follow the recommended action in the message text.

Information about setting the library server trace is available at http://publib.boulder.ibm.com/infocenter/cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/dcmlt018.htm.

Information about the library server log is available at http://publib.boulder.ibm.com/infocenter/cmgmt/v8r4m0/topic/com.ibm.installingcm.doc/dcmit322.htm

Source: Library server

ICM7980 **This is an internal error. Run the application again with server trace set to Detail and Data. Save the server log and see your IBM service representative.**

Explanation: None.

User response: Follow the recommended action in the message text.

Information about setting the library server trace is available at http://publib.boulder.ibm.com/infocenter/cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/dcmlt018.htm.

Information about the library server log is available at http://publib.boulder.ibm.com/infocenter/cmgmt/v8r4m0/topic/com.ibm.installingcm.doc/dcmit322.htm

Source: Library server

ICM7981 **The number of child component rows provided is less than the minimum required in the definition of the component type.**

Explanation: An internal error occurred.

User response: Save the server log and see your IBM service representative.

Source: Library server

ICM7986   **This is an internal error. Run the application again with server trace set to Detail and Data. Save the server log and see your IBM service representative.**

Explanation: None.

User response: Follow the recommended action in the message text.

Information about setting the library server trace is available at http://publib.boulder.ibm.com/infocenter/cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/dcmlt018.htm.

Information about the library server log is available at http://publib.boulder.ibm.com/infocenter/cmgmt/v8r4m0/topic/com.ibm.installingcm.doc/dcmit322.htm

Source: Library server

ICM7987   **This is an internal error. Run the application again with server trace set to Detail and Data. Save the server log and see your IBM service representative.**

Explanation: None.

User response: Follow the recommended action in the message text.

Information about setting the library server trace is available at http://publib.boulder.ibm.com/infocenter/cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/dcmlt018.htm.

Information about the library server log is available at http://publib.boulder.ibm.com/infocenter/cmgmt/v8r4m0/topic/com.ibm.installingcm.doc/dcmit322.htm

Source: Library server

ICM7988   **User is trying to create a child component item, but has specified a parent component ID that is not the right length.**

Explanation: An internal error occurred.

User response: Save the server log and see your IBM service representative.

Source: Library server

ICM7989   **This is an internal error. Run the application again with server trace set to Detail and Data. Save the server log and see your IBM service representative.**

Explanation: None.

User response: Follow the recommended action in the message text.

Information about setting the library server trace is available at http://publib.boulder.ibm.com/infocenter/

cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/dcmlt018.htm.

Information about the library server log is available at http://publib.boulder.ibm.com/infocenter/cmgmt/v8r4m0/topic/com.ibm.installingcm.doc/dcmit322.htm

Source: Library server

ICM7990   **This is an internal error. Run the application again with server trace set to Detail and Data. Save the server log and see your IBM service representative.**

Explanation: None.

User response: Follow the recommended action in the message text.

Information about setting the library server trace is available at http://publib.boulder.ibm.com/infocenter/cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/dcmlt018.htm.

Information about the library server log is available at http://publib.boulder.ibm.com/infocenter/cmgmt/v8r4m0/topic/com.ibm.installingcm.doc/dcmit322.htm

Source: Library server

ICM7991   **Specified component type is not found.**

Explanation: An internal error occurred.

User response: Save the server log and see your IBM service representative.

Source: Library server

ICM7993   **Specified action record not found.**

Explanation: An internal error occurred.

User response: Save the server log and see your IBM service representative.

Source: Library server

ICM7994   **Specified component ID not found.**

Explanation: An internal error occurred.

User response: Save the server log and see your IBM service representative.

Source: Library server

ICM7995   **Specified workflow event not found.**

Explanation: An internal error occurred.

User response: Save the server log and see your IBM service representative.

Source: Library server

ICM7996 **XDO object factories being defined already exist.**

Explanation: An internal error occurred.

User response: Save the server log and see your IBM service representative.

Source: Library server

ICM7997 **XDO object being defined already exists.**

Explanation: An internal error occurred.

User response: Save the server log and see your IBM service representative.

Source: Library server

ICM7998 **This is an internal error. Run the application again with server trace set to Detail and Data. Save the server log and see your IBM service representative.**

Explanation: None.

User response: Follow the recommended action in the message text.

Information about setting the library server trace is available at http://publib.boulder.ibm.com/infocenter/cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/dcmlt018.htm.

Information about the library server log is available at http://publib.boulder.ibm.com/infocenter/cmgmt/v8r4m0/topic/com.ibm.installingcm.doc/dcmit322.htm

Source: Library server

ICM7999 **Database error accessing table ICMSTCOMPATTRSFK for a defined CONSTRAINT.**

Explanation: An internal error occurred.

User response: Save the server log and see your IBM service representative.

Source: Library server

ICM8000 **Supplements the RC_DEL_NOT_ALLOWED return code; explains that the component type cannot be deleted because it has a child component type.**

Explanation: An internal error occurred.

User response: Save the server log and see your IBM service representative.

Source: Library server

ICM8001 **Supplements the RC_DEL_NOT_ALLOWED return code; explains that the component type cannot be deleted because the table has rows.**

Explanation: An internal error occurred.

User response: Save the server log and see your IBM service representative.

Source: Library server

ICM8002 **Supplements the RC_CREATE_NOT_ALLOWED return code; explains that the component type cannot be created because an attribute group was specified for it, but not all attributes in the group came in as input.**

Explanation: An internal error occurred.

User response: Save the server log and see your IBM service representative.

Source: Library server

ICM8003 **Supplements the RC_CREATE_NOT_ALLOWED return code; explains that the component type cannot be created because an attribute group was specified for it, but one of the attribute/group ID pairs was not found in ICMSTATTRGROUP table. Stored procedure internal use only.**

Explanation: An internal error occurred.

User response: Save the server log and see your IBM service representative.

Source: Library server

ICM8004 **Supplements the RC_INVALID_PARAMETER return code; explains that the component type cannot be created because an attribute group was specified for it, but one of the attribute/group ID pairs was not found in ICMSTATTRGROUP table.**

Explanation: An internal error occurred.

User response: Save the server log and see your IBM service representative.

Source: Library server

ICM8005 **An internal error occurred.**

Explanation: None.

User response: Save the server log and see your IBM service representative.

Source: Library server

ICM8006   **An internal error occurred.**

Explanation: None.

User response: Save the server log and see your IBM service representative.

Source: Library server

ICM8007   **Supplements the RC_INVALID_PARAMETER return code; explains that the component type cannot be created because the item type specified already has a root component type, or the item type for this child component does not match that of the root component.**

Explanation: An internal error occurred.

User response: Save the server log and see your IBM service representative.

Source: Library server

ICM8008   **Supplements return codes from the general parse routine; explains that the array of item type IDs passed to the ICMget_ItemType stored procedure contained invalid data.**

Explanation: An internal error occurred.

User response: Save the server log and see your IBM service representative.

Source: Library server

ICM8009   **An internal error occurred.**

Explanation: None.

User response: Save the server log and see your IBM service representative.

Source: Library server

ICM8011   **Supplements the RC_PARM_VALIDATION_FAILURE return code. It indicates a memory corruption in the ICMget_ItemType stored procedure has occurred. Save the server log and see your IBM service representative.**

Explanation: An internal error occurred.

User response: Follow the recommended action in the message text.

Source: Library server

ICM8012   **An internal error occurred.**

Explanation: None.

User response: Save the server log and see your IBM service representative.

Source: Library server

ICM8013

Explanation: The API version you are running is not supported by the library server. The minimum level of IBM Information Integrator for Content Version 8.3 supported with the Version 8.4 library server is 8.3.0.610.

ICM8020   **The user is not an LDAP user.**

Explanation: The current user processed by the LDAP authentication component is not an LDAP user.

User response: No action is required. The library server will need to authenticate a user that is not an LDAP user.

ICM8021   **The user password is empty.**

Explanation: The user has no password or the password was lost during the processing time.

User response: Check if the log on user input a password.

ICM8022   **Malloc for structure failed * (LDAPINFO).**

Explanation: The allocation space for a structure has failed. This problem might be caused by memory usage.

User response: Check the memory usage for the machine and restart the machine as needed.

ICM8023   **The LDAP library loading failed.**

Explanation: The IBM Content Manager LDAP authentication component failed to find and load the LDAP library to make a function call.

User response: Verify that the ITDS client was correctly installed on the library server machine.

ICM8024   **The current process could not access unbind().**

Explanation: The IBM Content Manager LDAP authentication component failed to make a function call. The problem might be related to system memory usage.

User response: Check the memory usage for the machine and restart the machine as needed.

ICM8025   **There was an LDAP properties file read error.**

Explanation: The process cannot read the LDAP configuration properties file.

User response: Verify that the file exists and has read permission.

ICM8026   **The administration password from the LDAP properties file is empty.**

Explanation: The user password in the LDAP configuration file cmbcmenv.properties is empty.

User response: Verify the cmbcmenv.properties to make sure that the user password is not empty and that it was encrypted.

ICM8027   **The connection to the LDAP server failed.**

Explanation: The IBM Content Manager LDAP authentication component failed to connect to the LDAP server.

User response: Check the LDAP configuration.

ICM8028   **The root bind failed.**

Explanation: The bind operation for a user in the LDAP configuration failed.

User response: Either the user or password is wrong in the LDAP configuration file, or the file itself is corrupted.

ICM8029   **The user could not be located in the LDAP server.**

Explanation: The IBM Content Manager LDAP authentication component failed to find the LDAP server.

User response: Check the LDAP configuration.

ICM8030   **The LDAP user bind failed.**

Explanation: The LDAP server failed to authenticate this user.

User response: The authentication request was sent but the server failed to authenticate this user. For further investigation, check the UE.LOG for the return code from the LDAP server.

Resource manager messages

The resource manager messages describe problems and possible solutions for transactions, collections, and retrieve, delete, and store operations.

ICM0000   Transaction successful.

Explanation: Request to resource manager successful.

User response: None.

Source: Resource manager

ICM9601   The procedure statement that is stored on the library server cannot be called because it is not valid.

Explanation: The procedure statement has a nonexistent name or a null name. This can occur when the library server is not properly defined or when there is a problem with the connection to the library server.

User response: This error should be handled by your system administrator. Contact your system administrator, and ask your system administrator to:

• Ensure that the library server is properly defined and configured .

• Check the resource manager log for errors with the connection to the library server. The name and location of the resource manager log file is defined in the Log Configuration Utility, which is started from the Content Manager System Administration client.

Source: Resource manager

ICM9602   The resource manager cannot log on to the library server.

Explanation: This can occur when the library server is not properly defined or when there is a problem with the connection to the library server.

User response: Try to reconnect to the library server again. If the problem persists, the error should be handled by your system administrator. Contact your system administrator, and ask your system administrator to:

• Ensure that the library server is properly defined and configured .

• Check the resource manager log for errors with the connection to the library server. The name and location of the resource manager log file is defined in the Log Configuration Utility, which is started from the Content Manager System Administration client.

Source: Resource manager

ICM9603   The database cannot save the encryption key.

Explanation: The connection to the database might have been lost or there is a problem with the connection to the library server.

User response: This error should be handled by your system administrator. Contact your system administrator, and ask your system administrator to check the resource manager log for errors with the connection to the library server. The name and location of the resource manager log file is defined in the Log Configuration Utility, which is started from the Content Manager System Administration client.

Source: Resource manager

ICM9604   The device class cannot be accessed.

Explanation: This error shows when an unexpected exception or unknown event occurs.

User response: Try the operation again. If the problem recurs, contact IBM Software Support.

Source: Resource manager

ICM9605   A resource manager storage device instantiation error occurred.

Explanation: The class file of the storage device could not be found or could not be instantiated.

User response: This error should be handled by your system administrator. Contact your system administrator, and ask your system administrator to look for issues with the class file. Ask your system administrator to check the resource manager log for the specific error. The name and location of the resource manager log file is defined in the Log Configuration Utility, which is started from the Content Manager System Administration client.

Source: Resource manager

ICM9606   The class file for a resource manager storage device cannot be found.

Explanation: No further explanation can be given.

User response: This error should be handled by your system administrator. Contact your system administrator, and ask your system administrator to look for issues with the class file. Ask your system

administrator to check the resource manager log for the specific error. The name and location of the resource manager log file is defined in the Log Configuration Utility, which is started from the Content Manager System Administration client.

Source: Resource manager

ICM9607 **The resource manager encountered an invalid or unsupported transaction operation {0}.**

Explanation: No further explanation can be given.

User response: Try the operation again. If the problem recurs, contact IBM Software Support.

Source: Resource manager

ICM9608 **The specified BLOB size, {0}, exceeds the maximum BLOB size that is allowed.**

Explanation: The maximum BLOB size that is allowed is 2 GB.

User response: Change the BLOB size so that it is within the allowed limit and try the operation again.

Source: Resource manager

ICM9609 **The resource manager cannot store the BLOB data with length {0} to the {1} offset position for the {2} object.**

Explanation: The length of the BLOB is invalid or is null. The BLOB size cannot exceed {0} GB and cannot be null.

User response: Ensure that the specified length for the BLOB is valid and try the operation again.

Source: Resource manager

ICM9610 **The {0} aggregated object cannot be updated or deleted because of the following SQL exception: {1}.**

Explanation: The resource manager provides the ability to aggregate objects when migrating to Tivoli Storage Manager. With aggregate retention, migration does not start until a specified amount of data is ready to be migrated. The RMAGGREGATE table keeps the number of objects that remain in aggregate retention. It is decremented each time an individual object is deleted from RMOBJECTS. Any update or delete of an aggregated object will refresh the data in the database, so any database operation error might cause the update or delete to fail.

User response: Check the resource manager log for the specific database error and take corrective action. The name and location of resource manager log file is in the Log Configuration Utility started from the

Content Manager System Administration client.

Source: Resource manager

ICM9611 **The configuration cannot be deactivated because it is the only active configuration.**

Explanation: If there is only one active configuration, it cannot be deactivated.

User response: If you want to deactivate the configuration, you must have at least one other active configuration.

Source: Resource manager

ICM9612 **The definition of the management class is not valid.**

Explanation: To be valid, the management class definition must have a valid name and at least one transition configured.

User response: Ensure that the management class name is correct and that a transition is defined for the class. Then try the operation again.

Source: Resource manager

ICM9613 **The name of the storage class is not valid.**

Explanation: A valid name for the storage class has 1 to 32 alphanumeric characters.

User response: Specify a valid name for the storage class and try the operation again.

Source: Resource manager

ICM9614 **The definition of the management class is not valid. The retention device manager is referenced in one of the transitions that are defined for the class, but the transition in which it is referenced is not the last transition.**

Explanation: The last transition in the management class must be the transition in which the retention device manager is referenced.

User response: Adjust the sequence of the transitions for the management class so that the transition that references the retention device manager is the last transition in the definition. Then try the operation again.

Source: Resource manager

ICM9615   **The server definition is not valid.**

Explanation: When adding or deleting a resource manager server, you must provide the server name, user name, password and server type.

User response: Ensure that the server name, user name, password, and server type are all correct. Then try the operation again.

Source: Resource manager

ICM9616   **An I/O error occurred on the resource manager storage device.**

Explanation: An I/O error can occur when:
- There is a file system permission problem
- There is a device failure
- There is a lack of free space

User response: This error should be handled by your system administrator. Contact your system administrator, and ask your system administrator to check the resource manager log for the specific error. The name and location of the resource manager log file is defined in the Log Configuration Utility, which is started from the Content Manager System Administration client.

Source: Resource manager

ICM9617   **The {0} parameter is required.**

Explanation: No further explanation is required.

User response: Specify the missing parameter and try the operation again.

Source: Resource manager

ICM9618   **A transaction cannot be started within an existing transaction.**

Explanation: An attempt was made to start a transaction within the scope of an active transaction.

User response: Complete the active transaction. Then try the operation again.

Source: Resource manager

ICM9619   **The definition of the management class is not valid. The definition of the management class contains references to more than one FilePath device manager.**

Explanation: The definition of a management class can contain a reference to only one FilePath device manager.

User response: Change the definition of the management class so that it contains a reference to only one FilePath device manager. Then try the operation again.

Source: Resource manager

ICM9620   **The password cannot be reset because it is encrypted, which is not consistent with the missing encryption key.**

Explanation: To generate a new encryption key, all of the passwords in the RMACCESS table must be formatted in clean text.

User response: Change all of the passwords in the RMACCESS table to the clean text format. Then try to reset the password again.

Source: Resource manager

ICM9621   **The parameter source input stream is null in the store function.**

Explanation: The store function cannot have a null parameter.

User response: Specify a non-null parameter for the store function and try the operation again.

Source: Resource manager

ICM9622   **The parameter target object location is null in the store function.**

Explanation: The store function cannot have a null parameter.

User response: Specify a non-null parameter for the store function and try the operation again.

Source: Resource manager

ICM9623   **The device manager cannot be added to the system because one or more of the parameters are not valid.**

Explanation: No additional explanation required.

User response: Check the resource manager log to determine which parameters were not valid. The name and location of the resource manager log file is defined in the Log Configuration Utility, which is started from the Content Manager System Administration client. Correct the parameters and try the operation again. For detailed information about creating a device manager, see: http://publib.boulder.ibm.com/infocenter/cmgmt/v8r4m0/topic/com.ibm.administeringcm.doc/mosh0048.htm.

Source: Resource manager

ICM9624   **The configuration for the resource manager control cannot be completed because a configuration is already defined.**

Explanation: The configuration for the resource manager control can be defined only once.

User response: Before you define a configuration ensure that the configuration does not already exist.

Source: Resource manager

ICM9625 **The configuration for the resource manager cannot be created because the name of the configuration is not valid or is already being used.**

Explanation: A valid name for a resource manager configuration has 1 to 16 alphanumeric characters.

User response: Specify a different name for the configuration and try the operation again.

Source: Resource manager

ICM9626 **The storage collection cannot be created because a storage collection is already defined.**

Explanation: The storage collection can be defined only once.

User response: Ensure that the collection does not already exist.

Source: Resource manager

ICM9627 **The storage collection cannot be added to the system because the storage collection already exists or because one or more of the parameters are not valid.**

Explanation: No additional explanation required.

User response: Check the resource manager log to determine which parameters were not valid. The name and location of the resource manager log file is defined in the Log Configuration Utility, which is started from the Content Manager System Administration client. Correct the parameters and try the operation again. For detailed information about creating a storage collection, see: http://publib.boulder.ibm.com/infocenter/cmgmt/ v8r4m0/topic/com.ibm.administeringcm.doc/ mosh0043.htm.

Source: Resource manager

ICM9628 **One or more objects reference this collection. No update or delete is allowed.**

Explanation: The storage collection cannot be updated if it is referenced by other objects.

User response: Before updating or deleting the collection, ensure that this collection is not used .

Source: Resource manager

ICM9629 **The storage collection cannot be created because the name of the storage collection is not valid.**

Explanation: A valid name for a storage collection has 1 to 44 alphanumeric characters.

User response: Specify a different name for the storage collection and try the operation again.

Source: Resource manager

ICM9630 **The name of the storage group cannot be added to the storage group because the name already exists or because the name is not valid.**

Explanation: A valid name for a storage group has 1 to 32 alphanumeric characters.

User response: Specify a different name for the storage group and try the operation again.

Source: Resource manager

ICM9631 **The name of the storage class group cannot be added to the storage group because the name already exists or because the name is not valid.**

Explanation: A valid name for a storage class group has 1 to 16 alphanumeric characters.

User response: Specify a different name for the storage class group and try the operation again.

Source: Resource manager

ICM9632 **The name of the storage volume group cannot be added to the storage group because the name already exists or because the name is not valid.**

Explanation: A valid name for a storage volume group has 1 to 16 alphanumeric characters.

User response: Specify a different name for the storage volume group and try the operation again.

Source: Resource manager

ICM9633 **The management class cannot be deleted because it was not found.**

Explanation: The management class might not exist or the name might have been misspelled.

User response: Ensure that the management class exists and check the spelling of the name. Then try to delete the management class again.

Source: Resource manager

ICM9634   **The file path for the LBOSDATA object cannot be generated.**

Explanation: The LBOSDATA object path retrieved from the resource manager configuration information is not correct.

User response: Verify that the LBOSDATA object path (the default is 'lbosdata') specified in the resource manager RMSTRINGS database table is correct. If the object path specified is not correct, enter the correct object path in the table and retry the operation. If the object path specified is correct, internal resource manager data structures might be corrupted. Restart the resource manager, and then retry the operation.

Source: Resource manager

ICM9635   **The initialization of the resource manager failed to pass validation. The validation service was not started.**

Explanation: The resource manager encountered an error during the initialization of the validation service.

User response: Check the resource manager logfile for additional information and corrective action. The default name of the logfile is icmrm.logfile.

Source: Resource manager

ICM9636   **The initialization of the resource manager migration service failed. The migration service was not started.**

Explanation: The resource manager encountered an error during the initialization of the migration service.

User response: Check the resource manager logfile for additional information and corrective action. The default name of the logfile is icmrm.logfile.

Source: Resource manager

ICM9637   **The initialization of the resource manager purger service failed. The purger service was not started.**

Explanation: The resource manager encountered an error during the initialization of the purger service.

User response: Check the resource manager logfile for additional information and corrective action. The default name of the logfile is icmrm.logfile.

Source: Resource manager

ICM9638   **The initialization of the resource manager replicator service failed. The replicator service was not started.**

Explanation: The resource manager encountered an error during the initialization of the replicator service.

User response: Check the resource manager logfile for

additional information and corrective action. The default name of the logfile is icmrm.logfile.

Source: Resource manager

ICM9639   **The initialization of the resource manager stager service failed. The stager service was not started.**

Explanation: The resource manager encountered an error during the initialization of the stager service.

User response: Check the resource manager logfile for additional information and corrective action. The default name of the logfile is icmrm.logfile.

Source: Resource manager

ICM9640   **A retrieved object could not be cached.**

Explanation: The resource manager encountered an error while trying to cache a retrieved object.

User response: Check the resource manager logfile for additional information and corrective action. The default name of the logfile is icmrm.logfile.

Source: Resource manager

ICM9641   **A cached object could not be deleted.**

Explanation: The resource manager encountered an error while trying to delete a cached object.

User response: Check the resource manager logfile for additional information and corrective action. The default name of the logfile is icmrm.logfile.

Source: Resource manager

ICM9701   **Collection [*nnn*] is invalid.**

Explanation: Where this collection is being used is invalid.

User response: Using the system administration client, verify your collection definitions and correct them, if necessary.

Source: Resource manager

ICM9702   **Logon failure.**

Explanation: Logon to the server failed. The server might be down, or you might have used an invalid user ID or password.

User response: Make sure that the server is up, and that you have used a valid user ID and password.

Source: Resource manager

ICM9703   **Error [*nnn*] occurred on device manager [*nnn*] .**

Explanation: An error occurred using the device manager.

User response: Check the device access and take appropriate action to enable the device. Also see the resource manager error log file for more information.

Source: Resource manager

ICM9704   **Required parameter [*nnn*] was not found.**

Explanation: The incoming order did not contain a required parameter.

User response: Add the parameter to your order and resubmit the order.

Source: Resource manager

ICM9705   **Invalid parameter [*nnn*] , value was: [*nnn*] .**

Explanation: The incoming order contained an invalid parameter.

User response: Remove the invalid parameter from your order.

Source: Resource manager

ICM9706   **The object cannot be updated at this time. The object might not exist, or it might be currently in use by another transaction.**

Explanation: The object might not exist (because it has been deleted by another user), or it is locked by another user.

User response: Determine if the object exists. If it does exist, wait for the holding transaction to complete, then try the operation again.

Source: Resource manager

ICM9707   **Server not found for the volume of the object.**

Explanation: No server can be found for the volume in the database.

User response: Using the system administration client, verify what volumes and servers are defined.

Source: Resource manager

ICM9708   **Object not found in database for Item ID [*nnn*] , Server [*nnn*] , Version [*nnn*] .**

Explanation: The item was not found in the database.

User response: Check the incoming order input to ensure that you are looking for a valid object.

Source: Resource manager

ICM9709   **Retrieve request failed.**

Explanation: The retrieve order failed.

User response: See the resource manager error log file for more information.

Source: Resource manager

ICM9710   **The retrieve operation failed because the update date is not valid.**

Explanation: The mostly likely cause of this error is that the update date being specified does not match the value in the resource manager database because the object has since been updated by another user.

Other possibilities are that the date is not specified or that the date is invalid.

User response: Make sure that the update date is specified and that it is in the correct format. Also ensure that it matches the value in the resource manager database. In most cases, simply reissuing the retrieve order is sufficient.

Source: Resource manager

ICM9711   **Store failure, database error.**

Explanation: A database error occurred on a store transaction.

User response: For DB2 users, see the *IBM DB2 Universal Database Message Reference*.

Source: Resource manager

ICM9712   **Store request failed, error: [*nnn*] .**

Explanation: An attempt to store a file to fixed disk, or video failed.

User response: Check the resource error log file for more information. See the appropriate database manual for error information.

Source: Resource manager

ICM9713   **Store request failed, tracking failure.**

Explanation: An error occurred with transaction management on a store transaction.

User response: See the resource manager error log file for more information.

Source: Resource manager

ICM9714   Delete request failed.

Explanation: An error occurred with a delete transaction.

User response: See the resource manager error log file for more information.

Source: Resource manager

ICM9715   Play request failed.

Explanation: An error occurred during a play transaction.

User response: See the resource error log file for more information.

Source: Resource manager

ICM9716   No order found to process.

Explanation: The resource manager cannot find an order in the incoming transaction information.

User response: There might be a problem with the input or the Web application server. See the resource manager error log file for more information.

Source: Resource manager

ICM9717   Invalid order: [*nnn*] .

Explanation: The resource manager does not recognize the order in the incoming transaction.

User response: Use a valid order for the transaction.

Source: Resource manager

ICM9718   Key flush request failed.

Explanation: The key flush order failed.

User response: See the resource manager error log file for more information.

Source: Resource manager

ICM9719   Update object request failed.

Explanation: The replace order failed.

User response: See the error log file for more information.

Source: Resource manager

ICM9720   Invalid content type, [*nnn*] , for multipart data.

Explanation: The content type in an order is invalid.

User response: Use a valid content type.

Source: Resource manager

ICM9721   Invalid content range: [*nnn*] to [*nnn*] .

Explanation: The content range is out of range for the object.

User response: Verify the object size and make sure that the content range is within that size.

Source: Resource manager

ICM9722   Unexpected exception occurred: [*nnn*] .

Explanation: An unexpected error occurred.

User response: For DB2 users, see the resource manager error log file for more information in *IBM DB2 Universal Database Message Reference*.

Source: Resource manager

ICM9723   User ID not found for server [*nnn*].

Explanation: A user cannot be found in the database for the server.

User response: Using the system administration client, verify what servers and users are defined for this resource manager.

Source: Resource manager

ICM9724   Key flush request successful.

Explanation: The key flush request was successful. A key was obtained from the library server.

User response: None.

Source: Resource manager

ICM9725   Key flush request SQL error: [*nnn*] .

Explanation: A database error occurred on a key flush request.

User response: For DB2 users, see the *IBM DB2 Universal Database Message Reference Volume 1 or Volume 2*.

Source: Resource manager

ICM9726   Key flush request error: [*nnn*] .

Explanation: An exception occurred on a key flush request.

User response: Record the exception message and see the resource manager error log file for more information. DB2 users can use the *IBM DB2 Universal Database Message Reference Volume 1 or Volume 2*.

Source: Resource manager

ICM9727   User ID [*nnn*] was not found.

Explanation: A user cannot be found in the database for the given ID.

User response: Using the system administration client, verify what servers and users are defined for this resource manager.

Source: Resource manager

ICM9728   Connection to server [*nnn*] for user [*nnn*] failed.

Explanation: A connection to the server for the user cannot be made. The server might be down, or you might have an invalid user ID or password.

User response: Make sure that the server is running and that you have a valid user ID and password.

Source: Resource manager

ICM9729   Protocol [*nnn*] not supported for order [*nnn*] .

Explanation: The protocol in the order is not supported.

User response: Use a supported protocol for this order.

Source: Resource manager

ICM9730   Method [*nnn*] not supported for device manager [*nnn*] .

Explanation: You are trying an operation to a device that is not supported.

User response: See the resource manager error log file for more information. Review the order you are trying to process or the action that you are trying to perform, and make sure that you are using the correct device type.

Source: Resource manager

ICM9731   Catalog request successful.

Explanation: A catalog request was successful. A file on the resource manager was correctly cataloged into the resource manager.

User response: None.

Source: Resource manager

ICM9732   File [*nnn*] could not be found.

Explanation: The file cannot be found. The file might not exist.

User response: Verify that the file exists. See the resource manager error log file for more information.

Source: Resource manager

ICM9733   Catalog request failed.

Explanation: A catalog request failed.

User response: See the resource manager error log file for more information.

Source: Resource manager

ICM9734   Device manager [*nnn*] not found.

Explanation: The device manager cannot be found in the database.

User response: Using the system administration client, verify what device managers are defined.

Source: Resource manager

ICM9735   Database connection failed.

Explanation: A connection to the data base cannot be made.

User response: Make sure that the database name, user ID, and password are correct in the properties file. A problem can also exist with the encryption of the password. You also might need to reset your passwords to clear text, both in the properties file and in the database.

Source: Resource manager

ICM9736   Library server [*nnn*] not found in the database.

Explanation: The library server cannot be found in the database.

User response: Using the system administration client, verify what servers are defined.

Source: Resource manager

ICM9737   Device manager server not found in the database for collection [*nnn*] .

Explanation: A device manager for the collection cannot be found in the database.

User response: Using the system administration client, verify what collections and device managers are defined.

Source: Resource manager

ICM9738   Storage group not found in the database for collection [*nnn*] .

Explanation: A storage group for the collection cannot be found in the database.

User response: Using the system administration client, verify what collections and storage groups are defined.

Source: Resource manager

ICM9739   **Management class not found in the database for collection [*nnn*] .**

Explanation: A management class for the collection cannot be found in the database.

User response: Using the system administration client, verify what collections and management classes are defined.

Source: Resource manager

ICM9740   **Storage class not found in the database for collection [*nnn*] .**

Explanation: A storage class for the collection cannot be found in the database.

User response: Using the system administration client, verify what collections and storage classes are defined.

Source: Resource manager

ICM9741   **Collection [*nnn*] does not support the catalog order.**

Explanation: You cannot catalog an object to the given collection.

User response: You can only catalog objects to those collections that are defined as catalog collections. Use the system administration client to define your collections as catalog collections.

Source: Resource manager

ICM9742   **Resource manager administrative logon failed in SMS-logon order.**

Explanation: The logon to the resource manager administrative functions failed.

User response: Either the user name or password was incorrect. Check the spelling and capitalization of the user name and password.

Source: Resource manager

ICM9743   **Multiple files are not supported for fixed disk order [*nnn*] .**

Explanation: You cannot store multiple files at the same time to fixed disk.

User response: Store individual files to fixed disk.

Source: Resource manager

ICM9744   **Transaction management failure. Tracking table not updated.**

Explanation: Tracking information cannot be saved.

User response: See the resource manager error log file for more information.

Source: Resource manager

ICM9745   **Cannot store file [*nnn*] [*nnn*] .**

Explanation: The file cannot be stored.

User response: See the resource manager error log file for more information.

Source: Resource manager

ICM9746   **Cannot update object size in database [*nnn*] .**

Explanation: An exception occurred trying to update the object size in the database.

User response: See the resource manager error log file for more information.

Source: Resource manager

ICM9747   **Cannot write file [*nnn*] .**

Explanation: The file cannot be written.

User response: See the resource manager error log file for more information.

Source: Resource manager

ICM9748   **File [*nnn*] cannot be found.**

Explanation: The given file cannot be found.

User response: Make sure that the file exists. See the resource manager error log file for more information.

Source: Resource manager

ICM9749   **Cannot transfer file to host [*nnn*] using user ID [*nnn*] .**

Explanation: A file cannot be transferred to the server, using the given user ID.

User response: Make sure that the user ID and password are correct in the server database, and that the server is running. See the resource manager error log file for more information.

Source: Resource manager

ICM9750   SMS administrator password successfully changed.

Explanation: You successfully changed the SMS administrator password.

User response: None.

Source: Resource manager

ICM9751   Failed in SMS query-entity order.

Explanation: The Query SMS entity order failed to complete or it returned no rows to the resource manager.

User response: See the resource manager error log file for more information. The SQL error is shown at the error level and the entire SQL statement is shown at the debug level. Then see the appropriate database manuals for error information.

Source: Resource manager

ICM9752   Failed to parse SMS XML.

Explanation: SMS requests are XML documents. The parsing of the document failed.

User response: See the resource manager error log file for additional information. A debug-level trace provides detailed parsing information. One likely cause of this failure is the use of binary data where character data is expected.

Source: Resource manager

ICM9753   Resource manager administrative logon or credential refresh required.

Explanation: An administrative logon to a resource manager can expire, if it is inactive for a period of time.

User response: Using the system administration client, resend the SMS-Logon to the resource manager to refresh the credentials of this administrative logon.

Source: Resource manager

ICM9754   SQL error, SQL Msg: [*nnn*] SQL State: [*nnn*]

Explanation: A database SQL error occurred.

User response: See the *IBM DB2 Universal Database : Message Reference Volume 1*, GC09-2978, for error information. Also, see the resource manager error log file for more information.

Source: Resource manager

ICM9755   Resource manager administrative logoff failed in SMS-logoff order.

Explanation: The resource manager administrative logoff failed.

User response: None. The server might have logged you off because of inactivity.

Source: Resource manager

ICM9756   ChangeSMS request failed.

Explanation: The request to change the objects collection failed.

User response: Retry this operation or see the resource manager error log file for more information.

Source: Resource manager

ICM9757   Failed in SMS create-entity order.

Explanation: The insert of the specified row or rows in the SMS tables in the database failed.

User response: See the resource manager error log file for more information. The SQL error is shown at the error level, and the entire SQL statement is shown at the debug level. For DB2 users, see *IBM DB2 Universal Database*.

Source: Resource manager

ICM9758   Failed in SMS delete-entity order.

Explanation: The deletion of the row or rows in the SMS tables in the database failed. Either the row was not found, or a referencing entity might exist. A referencing entity might be a row in another table. It might be controlled by a foreign key, a preceding query, or check statement.

User response: See the resource manager error log file for more information. The SQL error is shown at the error level, and the entire SQL statement is shown at the debug level. Then see the appropriate database manuals for error information.

Source: Resource manager

ICM9760   Failed in SMS update-entity order.

Explanation: The update of the SMS row or rows in the database failed.

User response: See the resource manager error log file for more information. The SQL error is shown at the error level, and the entire SQL statement is shown at the debug level. Then see the appropriate database manuals for error information.

Source: Resource manager

ICM9761   Object not available for change SMS information. Object might not exist.

Explanation: The object is not available to change for SMS information at this time. The object might not exist, or it might be currently in use by another transaction.

User response: Determine if the object exists. Wait for the holding transaction to complete.

Source: Resource manager

ICM9762   Object not available for query SMS information. Object might not exist.

Explanation: The object is not available to query SMS information. The object might not exist, or it might be currently in use by another transaction.

User response: Determine if the object exists. Wait for the holding transaction to complete.

Source: Resource manager

ICM9763   Play not supported for device manager class [*nnn*].

Explanation: You are trying to play an object that is stored on a device that does not support play.

User response: Make sure that you only play objects that are stored on a device that supports play objects.

Source: Resource manager

ICM9764   Volume freespace cannot be updated in the database for volume ID [*nnn*] .

Explanation: The freespace of the volumes is kept in the database. If a device manager cannot obtain the freespace of the device, or if there is a database error, the freespace is not updated in the database.

If the database contains a freespace value that is less than the real freespace on the device, you might not be able to store an object.

If the database contains too large a value, the resource manager might try to store an object when it should not. Note that the Tivoli Storage Manager device is considered to be infinite, so that the freespace value for a Tivoli Storage Manager volume is irrelevant.

User response: Use the system administration client to verify the freespace on the volumes.

Source: Resource manager

ICM9765   Invalid URL [*nnn*] .

Explanation: Problem on Media Archiver

User response: Make sure that the Media Archiver is active.

Source: Resource manager

ICM9766   Migrator started.

Explanation: The migrator started.

User response: None.

Source: Resource manager

ICM9767   Migrator stopped.

Explanation: The migrator completed migrating objects.

User response: None.

Source: Resource manager

ICM9768   Purger started.

Explanation: The purger cycle has started to examine the configured thresholds against the use of the staging area.

User response: None.

Source: Resource manager

ICM9769   Purger stopped.

Explanation: The purger cycle finished processing the staging area. The staging area should be within the configured threshold.

User response: None.

Source: Resource manager

ICM9770   Stager started.

Explanation: The stager cycle has started to examine the configured thresholds against the use of VideoCharger .

User response: None.

Source: Resource manager

ICM9771   Stager stopped.

Explanation: The stager cycle has finished processing.

User response: None.

Source: Resource manager

ICM9772   Failure inserting asset metadata into the database.

Explanation: The data for the object cannot be stored into the database.

User response: See the resource manager error log file for more information.

Source: Resource manager

ICM9773 **Transaction management failure.
Tracking table not updated for update
SMS order.**

Explanation: Tracking information cannot be saved for
the update SMS order.

User response: Your order might not have been
processed correctly. See the resource manager error log
file for more information.

Source: Resource manager

ICM9774 **I/O exception occurred. [*nnn*].**

Explanation: An exception occurred on an I/O
operation.

User response: Record the exception message and see
the resource manager error log file for more
information.

Source: Resource manager

ICM9775 **Tracking information cannot be saved
for the catalog order.**

Explanation: Tracking information cannot be saved for
the catalog order.

User response: Your order might not have been
processed correctly. See the resource manager error log
file for more information.

Source: Resource manager

ICM9776 **Transaction management failure.
Tracking table not updated for replace
order.**

Explanation: Tracking information cannot be saved for
the replace order.

User response: Your order might not have been
processed correctly. See the resource manager error log
file for more information.

Source: Resource manager

ICM9777 **Cannot update object status in the
database.**

Explanation: An error occurred trying to update the
object status in the database.

User response: See the resource manager error log file
for more information.

Source: Resource manager

ICM9778 **Rollback failure.**

Explanation: An error occurred trying to roll back a
database operation.

User response: See the resource manager error log file
for more information.

Source: Resource manager

ICM9779 **Commit failure.**

Explanation: An error occurred trying to commit a
database operation.

User response: See the resource manager error log file
for more information.

Source: Resource manager

ICM9780 **Cannot update staging space in the
database.**

Explanation: An error occurred trying to update the
staging space in the database.

User response: See the resource manager error log file
for more information.

Source: Resource manager

ICM9781 **Cannot close stream.**

Explanation: An exception occurred trying to close a
data stream.

User response: Record the exception message and see
the resource manager error log file for more
information.

Source: Resource manager

ICM9782 **Length of copied file does not match
file size.**

Explanation: An error occurred copying a file. The
copied file length is not as expected.

User response: See the resource manager error log file
for more information.

Source: Resource manager

ICM9783 **Object migration cannot be completed**

Explanation: Migration cannot be completed for an
object. The object might already be in use or cannot be
migrated at this time.

User response: See the migrator log for more
information.

Source: Resource manager

ICM9784 **Remote migration failure, response code: [*nnn*] .**

Explanation: When trying to migrate an object to another resource manager, an error occurred. The response code is an HTTP response code from the remote resource manager.

User response: Verify the status of the remote server. See the error log file for the source and target resource managers for more information.

Source: Resource manager

ICM9785 **Response code parsing failed. Code string: [*nnn*] .**

Explanation: When trying to move an object to another resource manager, an error occurred. The response code is an HTTP response code from the remote resource manager.

User response: Verify the status of the remote server. See the error log files for the source and target resource manager for more information. Record the message and the code string and see your system administrator or IBM service representative.

Source: Resource manager

ICM9786 **Cannot close socket.**

Explanation: An exception occurred trying to close a socket.

User response: Record the exception message and see the resource manager error log file for more information.

Source: Resource manager

ICM9787 **SQL error: [*nnn*] .**

Explanation: A database error occurred.

User response: See the appropriate database error messages manual for information about the given error code. Also see the resource manager error log file for more information.

Source: Resource manager

ICM9788 **No database connections available.**

Explanation: A connection to the resource manager database cannot be made.

User response: Increase the number of connections allowed. See the resource manager error log file for more information.

Source: Resource manager

ICM9789 **Storage class ID [*nnn*] not found in the database.**

Explanation: The storage class cannot be found in the database.

User response: See the resource manager error log file for more information.

Source: Resource manager

ICM9790 **Device manager ID [*nnn*] not found in the database.**

Explanation: The device manager cannot be found in the database.

User response: See the resource manager error log file for more information.

Source: Resource manager

ICM9791 **Connection to database lost.**

Explanation: A connection to the database was lost.

User response: Try the operation again.

Source: Resource manager

ICM9792 **Error for database query: [*nnn*] .**

Explanation: An error occurred on the given database query.

User response: Review the query and the resource manager error log file for more information. See the appropriate database error messages manual for information about the given error code.

Source: Resource manager

ICM9793 **Server ID [*nnn*] not found in the database.**

Explanation: A server cannot be found in the database for the given server ID.

User response: The configuration of servers in the database is incorrect or an internal processing error occurred. Using the system administration client, review what servers are defined in the database. See the resource manager error log file for more information.

Source: Resource manager

ICM9794 **Invalid batch size. Default size will be used.**

Explanation: The batch size to be used for this process is not valid. The default batch size will be used.

User response: Using the system administration client, correct the batch size.

Source: Resource manager

ICM9795   **Cannot create file: [*nnn*] .**

Explanation: The file cannot be created.

User response: See the resource manager error log for more information.

Source: Resource manager

ICM9796   **Connection failed, return code: [*nnn*] .**

Explanation: A connection to the database cannot be made.

User response: Make sure that the database name, user ID, and password are correct in the properties file. A problem can also exist with the encryption of the password. You might need to reset your passwords to clear text, both in the properties file and in the database. See the appropriate database manual for information about the given error codes.

Source: Resource manager

ICM9797   **Connection failed to server [*nnn*] , port [*nnn*] .**

Explanation: A connection to the given server and port failed.

User response: Try the operation again. Make sure that the server is running. See the resource manager error log file for more information.

Source: Resource manager

ICM9798   **Error calling library server stored procedure. Return code: [*nnn*] Reason code: [*nnn*] Extended return code: [*nnn*] Extended reason code: [*nnn*] .**

Explanation: An error occurred while calling a library server stored procedure.

User response: See the resource manager error log file for more information. See the appropriate database manual for information about the given error codes.

Source: Resource manager

ICM9799   **Server [*nnn*] , port [*nnn*] proble m occurred, store failed.**

Explanation: An attempted store transaction to the given server failed.

User response: See the resource manager error the log file for more information.

Source: Resource manager

ICM9800   **Cannot find codes for resource manager [*nnn*] and collection [*nnn*] .**

Explanation: The resource manager and collection codes from the library server cannot be found for the given resource manager and collection.

User response: Using the system administration client, correct the resource manager and collection definitions.

Source: Resource manager

ICM9801   **Invalid start or stop time for play: [*nnn*] .**

Explanation: The start or stop time for the video asset to play is not valid.

User response: Make sure that you are using the correct format for start and stop time.

Source: Resource manager

ICM9802   **Asynchronous recovery failed.**

Explanation: An unexpected exception occurred when trying to run the asynchronous recovery operation.

User response: See the resource manager error log files for more information.

Source: Resource manager

ICM9803   **Store failure, duplicate in database: [*nnn*] .**

Explanation: The object cannot be stored because there is already an entry in the database with the same item ID, library server, version, and collection.

User response: Store the object with a different item ID, version, library server or collection, or replace the object rather than store it.

Source: Resource manager

ICM9804   **The security token supplied with order was invalid.**

Explanation: The token supplied with the given order is invalid. Your token might be invalid, or you might need to perform a key flush operation. The validation information stored on the library server and resource manager are not synchronized.

User response: Using the system administration client, use a valid token or perform a key flush operation.

Resynchronize the encryption key by completing the following steps:

1. Log on to the system administration client.
2. Select **Content Manager** > **Library Server Parameters** > **library server** > **Configurations**.

3. Right-click **Library Server Configuration** in the right pane, and click **Properties**.

4. Click **Refresh encryption key**.

5. Click **OK**.

6. Log out of the system administration client.

7. Repeat the operation that generated the error. If you do not receive DGL7161A, then the key was refreshed successfully.

Source: Resource manager

ICM9805   **Invalid file name: [**_nnn_**] .**

Explanation: The file name is invalid in the context for which it is used.

User response: See the resource manager error log file for more information.

Source: Resource manager

ICM9806   **Invalid data returned from [**_nnn_**] : [**_nnn_**] [**_nnn_**] .**

Explanation: Invalid data was received from the given library server.

User response: See the resource manager error log file for more information.

Source: Resource manager

ICM9807   **[**_nnn_**] rows updated, should be 1.**

Explanation: An internal processing error occurred while updating passwords.

User response: See your IBM service representative.

Source: Resource manager

ICM9808   **Unsupported encoding. [**_nnn_**] .**

Explanation: The password to the library server is invalid.

User response: Define a valid password.

Source: Resource manager

ICM9809   **Logon to library server failed. Return code: [**_nnn_**]. Reason code: [**_nnn_**]. Extended return code: [**_nnn_**]. Extended reason code: [**_nnn_**].**

Explanation: The logon to the library server failed.

User response: See the resource manager error log file for more information. Run the library server return code utility for more information about the return codes, and see the appropriate database manual.

Source: Resource manager

ICM9810   **Connection to library server failed for library ID [**_nnn_**] .**

Explanation: A connection to the library server using the given library ID.

User response: Make sure the library ID is valid. Make sure the library server is running. See the resource manager error log file for more information.

Source: Resource manager

ICM9811   **Storage group not found in the database for storage class [**_nnn_**] .**

Explanation: The storage group cannot be found in the database for the given storage class.

User response: Using the system administration client, verify what storage groups and storage classes are defined.

Source: Resource manager

ICM9812   **Remote replication failure, response code [**_nnn_**] .**

Explanation: Replicate to the replica server failed.

User response: Make sure the target server is active, and check the resource manager `icmrm.log file` for more information.

Source: Resource manager

ICM9813   **Cache-retrieve request failed.**

Explanation: The request object cannot be retrieved. One cause can be because the request contains invalid object version number or an invalid object update date.

User response: Make sure that the cache-retrieve request contains accurate information about the object requested, and see the resource manager error log file for more information.

Source: Resource manager

ICM9814   **Cannot retrieve the object from its owning resource manager.**

Explanation: The object was not cached locally at the time of the request, and the attempt to retrieve the object from its owning resource manager failed. Some possible causes are: the requested object is not stored in the owning resource manager, the owning resource manager is not running at the time of the request, or the request contains invalid object version number or object update date.

User response: Make sure that the owning resource manager is running, and the cache-retrieve request contains accurate information about the object requested.

Source: Resource manager

ICM9815   Transaction reconciliation started.

Explanation: The process to check for failed or incomplete transactions began.

User response: None.

Source: Resource manager

ICM9816   Transaction reconciliation ended with return code: [*nnn*] .

Explanation: The procedure to check for failed or incomplete transactions ended with the reported return code.

User response: A non-zero return code [*nnn*] from library server indicates that reconciliation for one transaction is not possible. Re-run the transaction. If this problem persists, the DB2 transaction log in the DB2 directory on the library server can become too large; log files are typically found in the SQLOGDIR directory, which is a subdirectory of the database directory. Record the error log information during transaction reconciliation to determine the corrective action, and see *IBM DB2 Universal Database Message Reference* for more information. If this action does not resolve the problem, see your IBM service representative.

Source: Resource manager

ICM9817   Deletion reconciliation started.

Explanation: The procedure to check for deleted objects began.

User response: None.

Source: Resource manager

ICM9818   Deletion reconciliation ended.

Explanation: The procedure to check for deleted objects ended.

User response: None.

Source: Resource manager

ICM9819   Number of objects marked for deletion: [*nnn*] .

Explanation: The deletion reconciliation procedure found the noted number of objects which the library server database shows have been deleted. The resource manager marked these objects for deletion. The objects are physically deleted when the migrator process is run.

User response: Run the migrator to physically delete the objects.

Source: Resource manager

ICM9820   Rolled back transaction.

Explanation: The transaction reconciliation procedure found a transaction that was aborted or rolled back within the library server database. To ensure consistency between the library server and the resource manager, the transaction is also rolled back on the resource manager.

User response: None. The data in the library server and the data in the resource manager are now consistent for this transaction.

Source: Resource manager

ICM9821   Committed transaction.

Explanation: The transaction reconciliation procedure found a transaction that was completed in the library server database. To ensure consistency between the library server and the resource manager, the transaction is also completed on the resource manager.

User response: None. The data in the library server and the data in the resource manager are now consistent for this transaction.

Source: Resource manager

ICM9822   Failure to commit transaction.

Explanation: The transaction reconciliation procedure found a transaction that was completed in the library server database. However, the attempt to complete this transaction on the resource manager failed. The data in the library server and the data in the resource manager might now be inconsistent.

User response: Re-run the transaction. If this problem persists, the transaction log on the library server could become too large. Record the error log information during transaction reconciliation to determine the corrective action. If this action does not resolve the problem, see your IBM service representative.

Source: Resource manager

ICM9823   Staging [*nnn*] Configured size: [*nnn*] Threshold percentage min: [*nnn*] Max: [*nnn*] .

Explanation: This is information about the current staging configuration. These values are used by the purger to determine the need for clearing the staging area.

User response: None.

Source: Resource manager

ICM9824   Staging [*nnn*] Current size: [*nnn*] Threshold percentage: [*nnn*] .

Explanation: This is information about the use of the staging area. These values are used to determine if there is a need to purge the staging area. The staging threshold percentage should be less than the configured threshold after the purger cycle is completed.

User response: None.

Source: Resource manager

ICM9825   Device manager [*nnn*] is disabled. Objects on the device cannot be accessed.

Explanation: The device manager is disabled. Objects stored on devices controlled by this device manager cannot be accessed.

User response: Using the system administration client, enable the device manager.

Source: Resource manager

ICM9826   No initial context: [*nnn*] .

Explanation: No initial context is found.

User response: Make sure you have correct `jndi.jar` in your *CLASSPATH*.

Source: Resource manager

ICM9827   Naming exception: [*nnn*] .

Explanation: Cannot resolve the Distinguished Name for the LDAP server.

User response: Make sure the values for `LDAP_ROOT_DN` and `LDAP_SECURITY_PRINCIPAL` are correct.

Source: Resource manager

ICM9828   [*nnn*] cannot be loaded.

Explanation: The library cannot be loaded.

User response: Make sure the file exists in the correct path and the file is accessible.

Source: Resource manager

ICM9829   Cannot copy all the data, [*nnn*] bytes remaining to be copied.

Explanation: Some of the data was not copied.

User response: See the resource manager error log file for more information. Make sure the length of the data matches the content length in the order.

Source: Resource manager

ICM9830   JDBC driver [*nnn*] cannot be found.

Explanation: The JDBC driver cannot be found. A connection to the database cannot be made.

User response: Check your application server JDBC provider definition.

Source: Resource manager

ICM9831   Database connection closed, cannot perform function: [*nnn*] .

Explanation: The database connection was closed before the indicated function was performed. A problem occurred with the database connections.

User response: See the resource manager error log file for more information.

Source: Resource manager

ICM9832   SQL Error: [*nnn*] , SQLMsg: [*nnn*] SQLState: [*nnn*] .

Explanation: A database SQL error occurred.

User response: See the appropriate database manuals for an explanation of the return code. Also, see the resource manager error log file for more information.

Source: Resource manager

ICM9833   Transaction failed.

Explanation: The transaction failed.

User response: See the resource manager error log file for more information.

Source: Resource manager

ICM9834   JCE provider [*nnn*] cannot be found.

Explanation: The given cipher provider cannot be found.

User response: Make sure you have the displayed cipher provider installed.

Source: Resource manager

ICM9835   KeyStore type [*nnn*] cannot be found.

Explanation: The KeyStore type is not provided by the provider.

User response: Use the version of Java Development Kit (JDK) shipped with Content Manager.

Source: Resource manager

ICM9836 **Algorithm [nnn] cannot be found in provider [nnn] .**

Explanation: Algorithm cannot be found.

User response: Use the version of Java Development Kit (JDK) shipped with Content Manager.

Source: Resource manager

ICM9837 **No such padding exception.**

Explanation: The padding algorithm used is not supported by the provider.

User response: Use the version of Java Development Kit (JDK) shipped with Content Manager.

Source: Resource manager

ICM9838 **The existing key was generated using a different version of JDK.**

Explanation: The existing key was generated using a different version of Java Development Kit (JDK) than what is currently being used.

User response: Set your path to the JDK version that generated the key. Do not use the current JDK version.

Source: Resource manager

ICM9839 **Encryption error: [nnn] .**

Explanation: An error occurred during the encryption of a password.

User response: None.

Source: Resource manager

ICM9840 **Decryption error: [nnn] .**

Explanation: An error occurred during the decryption of a password. The stored password is encrypted using different key.

User response: Stop the server. Update the acc_password in RMACCESS in database with clear text password. Restart the server.

Source: Resource manager

ICM9841 **Key generation failed.**

Explanation: The generation of a key failed.

User response: None.

Source: Resource manager

ICM9842 **Asset [nnn] not found in VideoCharger for play.**

Explanation: An asset cannot be found in VideoCharger for play.

User response: Make sure that the file exists. See the resource manager error log file for more information.

Source: Resource manager

ICM9843 **VideoCharger asset [nnn] stageTo: [nnn] failed.**

Explanation: An asset in VideoCharger cannot be staged to another server.

User response: Make sure both servers are running.

Source: Resource manager

ICM9844 **VideoCharger asset [nnn] stageFrom: [nnn] failed.**

Explanation: An asset in VideoCharger cannot be staged from another server.

User response: Make sure both servers are running.

Source: Resource manager

ICM9845 **Replicator started.**

Explanation: The replicator cycle has started.

User response: None.

Source: Resource manager

ICM9846 **Replicator stopped.**

Explanation: The replicator cycle has finished processing.

User response: None.

Source: Resource manager

ICM9847 **Remote restore failure, response code: [nnn] .**

Explanation: Restore from the replica server failed.

User response: Make sure the replica server is up and running, and see the resource manager error log file for more information.

Source: Resource manager

ICM9848 **Get Media Archiver FTP server information failure.**

Explanation: An attempt to get information from the FTP server for the Media Archiver failed.

User response: Make sure that the FTP server for the Media Archiver is running.

Source: Resource manager

ICM9849 **Replication failed.**

Explanation: Replication of objects to the replica server failed.

User response: See the resource manager error log file for more information.

Source: Resource manager

ICM9850 **An error occurred when connecting to a Tivoli Storage Manager server. dsmInit failed, return code: [*nnn*] .**

Explanation: An application cannot find the required options file.

User response: Make sure the application can find the required options file. Check the return code in *Tivoli Storage Manager: Using the Application Program Interface,* H26-4123-01, and take the recommended action in the User Response section for the corresponding return code.

Source: Resource manager

ICM9851 **API version is incompatible with TSM version.**

Explanation: The API version is incompatible with the Tivoli Storage Manager version.

User response: Update the Tivoli Storage Manager API version or the Tivoli Storage Manager version.

Source: Resource manager

ICM9852 **dsmTerminate failed.**

Explanation: An error occurred when trying to end a session with a Tivoli Storage Manager server.

User response: None.

Source: Resource manager

ICM9853 **dsmRegisterFS failed for file space: [*nnn*], return code: [*nnn*].**

Explanation: An file space in a Tivoli Storage Manager server could not be registered.

User response: Check the return code in *Tivoli Storage Manager: Using the Application Programming Interface,* H26-4123-01, and take the approved action in the User Response area for the corresponding return code.

Source: Resource manager

ICM9854 **dsmBindMC failed, return code: [*nnn*] .**

Explanation: An error occurred when binding a management class in a Tivoli Storage Manager server.

User response: Check the return code in *Tivoli Storage Manager: Using the Application Programming Interface,* H26-4123-01, and take the recommended action in the User Response section for the corresponding return code.

Source: Resource manager

ICM9855 **dsmBeginTxn failed, return code: [*nnn*] .**

Explanation: An error occurred when beginning a transaction in a Tivoli Storage Manager server.

User response: Check the return code in *Tivoli Storage Manager: Using the Application Program Interface,* H26-4123-01, and take the recommended action in the User Response section for the corresponding return code.

Source: Resource manager

ICM9856 **dSMSendObj failed, return code: [*nnn*] .**

Explanation: An error occurred when sending an object to a Tivoli Storage Manager server.

User response: Check the return code in *Tivoli Storage Manager: Using the Application Programming Interface,* H26-4123-01, and take the recommended action in the User Response section for the corresponding return code.

Source: Resource manager

ICM9857 **dsmsendData failed, return code: [*nnn*] .**

Explanation: An error occurred when sending data to a Tivoli Storage Manager server.

User response: Check the return code in *Tivoli Storage Manager: Using the Application Programming Interface,* H26-4123-01, and take the recommended action in the User Response section for the corresponding return code.

Source: Resource manager

ICM9858 **dsmEndSendObj failed, return code: [*nnn*] .**

Explanation: An error occurred when the resource manager tried to stop sending an object to a Tivoli Storage Manager server.

User response: Check the return co de in *Tivoli Storage Manager: Using the Application Programming Interface,* H26-4123-01, and take the recommended action in the User Response section for the corresponding return code.

Source: Resource manager

ICM9859   **dsmEndTxn failed, return code: [**_nnn_**], reason code: [**_nnn_**].**

Explanation: An error occurred when ending a transaction in a Tivoli Storage Manager server.

User response: Check the return code in _Tivoli Storage Manager: Using the Application Programming Interface_, H26-4123-01, and take the recommended action in the User Response section for the corresponding return code.

Source: Resource manager

ICM9860   **dsmUpdateFS failed for file space: [**_nnn_**], return code: [**_nnn_**].**

Explanation: There was a problem updating a file space in a Tivoli Storage Manager server.

User response: Check the return code in _Tivoli Storage Manager: Using the Application Programming Interface_, H26-4123-01, and take the approved action in the User Response area for the corresponding return code.

Source: Resource manager

ICM9861   **dsmBeginGetData failed, return code: [**_nnn_**].**

Explanation: Could not get the data from a Tivoli Storage Manager server.

User response: Check the return code in _Tivoli Storage Manager: Using the Application Programming Interface_, H26-4123-01, and take the approved action in the User Response area for the corresponding return code.

Source: Resource manager

ICM9862   **dsmGetObj failed, return code: [**_nnn_**] .**

Explanation: An error occurred when getting an object from a Tivoli Storage Manager server.

User response: Check the return code in _Tivoli Storage Manager: Using the Application Programming Interface_, H26-4123-01, and take the recommended action in the User Response section for the corresponding return code.

Source: Resource manager

ICM9863   **dsmEndGetObj failed, return code: [**_nnn_**] .**

Explanation: An error occurred when the resource manager tried to end getting an object from a Tivoli Storage Manager server.

User response: Check the return code in _Tivoli St orage Manager: Using the Application Programming Interface_, H26-4123-01, and take the recommended action in the

User Response section for the corresponding return code.

Source: Resource manager

ICM9864   **dsmEndGetData failed, return code: [**_nnn_**] .**

Explanation: An error occurred when the resource manager tried to end getting data from a Tivoli Storage Manager server.

User response: Check the return code in _Tivoli Storage Manager: Using the Application Programming Interface_, H26-4123-01, and take the recommended action in the User Response section for the corresponding return code.

Source: Resource manager

ICM9865   **dsmDeleteObj failed, return code: [**_nnn_**] .**

Explanation: An error occurred when deleting an object in a Tivoli Storage Manager server.

User response: Check the return code in _Tivoli Storage Manager: Using the Application Programming Interface_, H26-4123-01, and take the recommended action in the User Response section for the corresponding return code.

Source: Resource manager

ICM9866   **The cache resource manager and the owning resource manager cannot be the same.**

Explanation: The cache-retrieve order is rejected because the request indicates that the cache resource manager is also the owning resource manager.

User response: Make sure that the cache-retrieve request contains the correct owning resource manager name, or use a regular retrieve order to retrieve the object.

Source: Resource manager

ICM9867   **The WAS_HOME environment variable is required. Set the environment variable to the WebSphere home directory.**

Explanation: The WAS_HOME environment variable is needed when running some of the resource manager utilities. This environment variable is currently not set.

User response: Update either the system properties or the profiles to set the environment variable to the home directory of WebSphere Application Server.

Source: Resource manager

ICM9868   **The $WAS_HOME environment variable does not point to the correct location, or the $rmwebpath environment variable is not correct.**

User response: Make sure that the variables are set correctly.

Source: Resource manager

ICM9869   **Check whether your application was deployed correctly.**

Explanation: The resource manager Web application might not have been deployed correctly.

User response: Check the deployed resource manager Web application under WebSphere Application Server and see if a deployment error occurred. If yes, then the application needs to be redeployed.

Source: Resource manager

ICM9870   **$WAS_HOME/installedApps/ rmwebpath.ear/icmrm.war/ WEB-INF/classes directory does not exist. Exiting.**

Explanation: The resource manager Web application is not deployed or might not have been deployed correctly.

User response: Check the deployed resource manager Web application under WebSphere Application Server and see if a deployment error occurred. If yes, redeploy the application.

Source: Resource manager

ICM9871   **Starting IBM Content Manager {0} resource manager processes.**

Explanation: The resource manager components migrator, replicator, purger, and stager are being started.

User response: No action is required.

Source: Resource manager

ICM9872   **Stopping IBM Content Manager {0} resource manager processes.**

Explanation: The resource manager components migrator, replicator, purger, and stager are being stopped.

User response: No action is required.

Source: Resource manager

ICM9873   **Either the DB2INSTANCE provided is not correct, or it does not exist.**

Explanation: The resource manager cannot connect to the database because the database does not exist.

User response: Make sure that the resource manager database exists and the DB2INSTANCE environment variable points to the right DB2 instance.

Source: Resource manager

ICM9874   **You must use SSL to log on to the resource manager administrative function.**

Explanation: You used an insecure connection to send the logon information.

User response: Resend the logon request using an SSL connection.

Source: Resource manager

ICM9875   **There is not enough space on the volume.**

Explanation: An object cannot be saved due to lack of volume space.

User response: Use a different volume or increase the volume space.

Source: Resource manager

ICM9876   **A Storage Management Subsystem (SMS) error occurred. SMSMsg: {0}**

Explanation: An error occurred while forming the SQL statements to be applied to the database.

User response: Examine the SMSMsg for details of the error. The required parameters might be missing, or values were not found using the supplied input. See the resource manager log for additional information.

Source: Resource manager

ICM9877   **The Storage Management Subsystem (SMS) administrator logon was successful, but the change password request on the LDAP server is not supported.**

Explanation: Password change on the LDAP server is not supported in this release.

User response: Use the LDAP server administrative console to change the password.

Source: Resource manager

ICM9878 **{0} process is already running for database {1}.**

Explanation: Multiple starts are not permitted for the same process.

User response: No action is required.

Source: Resource manager

ICM9879 **End of transaction processing cannot be performed for transaction ID {0}.**

Explanation: An end of transaction order is received, or an asynchronous recovery is running for the given transaction ID; however, this transaction cannot be completed.

User response: Execute the asynchronous recovery process again. If this problem persists, see the server logs for more information and contact your IBM servic e representative.

Source: Resource manager

ICM9880 **The resource manager process user has changed.**

Explanation: The user that has been identified as the resource manager Application Server user has changed.

Running the resource manager process under a different user can result in the resource manager not having access permissions to already stored content. Any newly stored content will be owned by the new user.

User response: Restart the application server under the original user.

Or, if this change is intentional, then remove the row in the RMCONFIGURATION resource manager data base table with the propertyname ICMRM_USER. You should also ensure that all data file ownership has been changed to match the new user name.

Source: Resource manager

ICM9881 **The resource manager logon is LOCKED.**

Explanation: The number of sequential logon failures has exceeded the configured limit. No logons are permitted.

User response: If a lock duration was set, then the lockout will reset at the next logon attempt after the configured amount of time. Restarting the resource manager application server can reset the lockout.

Alternatively, the database administrator can update the RMCONFIGURATION table so that the row with the column name PROPERTYNAME is equal to LOGON_LOCKED, and has a column name PROPERTYVALUE with a value false.

Source: Resource manager

ICM9882 **A logon attempt failed from address {0}, host {1} for user name {2}.**

Explanation: The user name, the password, or both the user name and the password were not correct.

User response: Ensure that you are using the correct user name and password.

Source: Resource manager

ICM9883 **The logon lockout has been reset due to the expiration of a lockout duration.**

Explanation: No further explanation can be given.

User response: No action is required.

Source: Resource manager

ICM9884 **The {0} library that the resource manager depends on could not be loaded.**

Explanation: A prerequisite library used by the resource manager was not able to be loaded. The dependent functionality might be disabled.

User response: Ensure the dependent product is installed and that the paths to the libraries are correctly configured .

Source: Resource manager

ICM9885 **A passphrase has been set for TSM server {0}.**

Explanation: This informational message is logged when a passphrase has been set through system administration for a TSM server.

User response: Ensure that the TSM server is configured for encryption.

Source: Resource manager

ICM9886 **A passphrase already exists for TSM server {0}.**

Explanation: A passphrase can only be set once for a TSM server. Once content is stored there is no utility provided to change the passphrase and encrypt the data again with the new passphrase.

User response: Do not attempt to modify the passphrase.

Source: Resource manager

| **ICM9887** | **A passphase can only be set for a TSM server. Server {0} is a {1} type server.** |

Explanation: A passphrase is not valid for non TSM servers.

User response: Do not attempt to set a passphrase for non TSM server types.

Source: Resource manager

| **ICM9888** | **A passphase can only be set for TSM servers Version 5.5 and higher using a TSM client API Version 5.5 or higher. TSM API version reported is {0}.{1}.** |

Explanation: This functionality requires a TSM client API and TSM server version 5.5 or higher.

User response: Upgrade your TSM client API and Server to version 5.5 or higher.

Source: Resource manager

| **ICM9889** | **The validation utility encountered errors or was stopped before completion. Information in the validation report might be incomplete or not valid.** |

Explanation: This warning message is displayed on the validation report panel when errors occur while performing validation analysis. Errors that occur during validation utility processing are reported in the resource manager error log. This log must be reviewed to understand the validity of the validation report.

User response: Review the log files and correct the cause of the errors. Resource manager logs can be changed with a configuration, but they are typically icmrm.logfile. After you correct the cause of the error clear the validation report and rerun the validation utility as required.

Source: Resource manager

| **ICM9900** | **Invalid date format: {0}. Valid date format is YYYY-MM-DD-hh.mm.ss (2002-12-31-00.00.00).** |

Explanation: The date format must be YYYY-MM-DD:HH.MM.SS.

User response: Change the date information and resubmit.

Source: Resource manager

| **ICM9901** | **The input parameter {0} is not valid.** |

Explanation: The input parameter is not recognized.

User response: Change the parameter and resubmit.

Source: Resource manager

| **ICM9902** | **The output path is a required parameter.** |

Explanation: The required output path is not entered.

User response: Resubmit the request with the output path.

Source: Resource manager

| **ICM9903** | **The output path {0} does not exist or is not a directory.** |

Explanation: The required output path is invalid.

User response: Resubmit the request with a valid output path.

Source: Resource manager

| **ICM9904** | **Cannot write to the output path {0}.** |

Explanation: The system cannot write to the outpath.

User response: Resubmit the request with a valid output path.

Source: Resource manager

| **ICM9905** | **Input Parameters: -h help \| -f path [-b begin-date] [-e end-date] [-v volume] . Valid date format is YYYY-MM-DD-hh.mm.ss (2002-12-31-00.00.00).** |

Explanation: The RMVolValidation usage format is: `Usage: icmrmvolval -h`

User response: To use the command, follow the described format.

Source: Resource manager

| **ICM9906** | **Unrecoverable error while trying to write a report. Validation ended. Return code {0}.** |

Explanation: The validation utility cannot write to a report.

User response: See the error log for more information. If the problem persists, contact your IBM service representative.

Source: Resource manager

| **ICM9907** | **The resource manager validation completed with no errors or discrepancies of report type {0}.** |

Explanation: The validation utility completed with no problems detected.

User response: No action is necessary.

Source: Resource manager

ICM9908   **The resource manager validation found {0} type synchronization problems.**

Explanation: The validation utility found synchronization problems of the specified type.

User response: See the trace log for details and take corrective action. If the problem persists, see your system administrator or IBM service representative.

Source: Resource manager

ICM9909   **While running the resource manager validation utility, process problems occurred.**

Explanation: While running the resource manager validation utility, process problems occurred.

User response: Review the validation log for more information about the errors.

Source: Resource manager

ICM9910   **An error occurred while formatting the resource manager validation XML output.**

Explanation: The XML report might not parse correctly.

User response: Review the error log file for more information. See your system administrator or IBM service representative.

Source: Resource manager

ICM9911   **An error occurred while trying to locate the volume {0}.**

Explanation: An exception occurred while trying to locate the volume.

User response: Make sure the volume name specified is correct.

Source: Resource manager

ICM9912   **An error occurred while accessing the database to initialize the cache values.**

Explanation: The database was inaccessible or the server or collection tables were incorrect.

User response: See the error log file for more information.

Source: Resource manager

ICM9913   **The date specified for the start date must precede the date specified for the end date.**

Explanation: The date specified by the -B switch must preceded the date specified by the -E switch.

User response: Correct the start date.

Source: Resource manager

ICM9914   **An error occurred while populating the RMLSITEMS table.**

Explanation: An error occurred while populating the RMLSITEMS from the LS stored procedure call.

User response: Check the store procedure.

Source: Resource manager

ICM9915   **Input parameters: -h help | -f path [-b begin-date] [-e end-date] . Valid date format is YYYY-MM-DD-hh.mm.ss (2002-12-31-00.00.00).**

Explanation: The RMLSValidation usage format is:
`Usage: icmrmlsval – h`

User response: To use the command, follow the described format.

Source: Resource manager

ICM9916   **An error occurred while comparing the library server and resource manager items.**

Explanation: An error occurred while comparing the resource manager and library server items.

User response: Check the error log for further information.

Source: Resource manager

ICM9917   **An error occurred while calling the stored procedure on the library server.**

Explanation: An error occurred while calling the stored procedure on the library server.

User response: Check the error log for further information.

Source: Resource manager

ICM9918   **Total number of objects processed during validation: {0}.**

Explanation: The validation utility checked the number of objects specified.

User response: No action is necessary.

Source: Resource manager

ICM9919   **Total number of objects where the file is not found: {0}.**

Explanation: The validation utility cannot find files for the specified number of objects.

User response: Check the server log for more information.

Source: Resource manager

ICM9920   **Total number of objects where the sizes do not match: {0}.**

Explanation: The validation utility found size discrepancies for the specified number of objects.

User response: Check the server log for further information.

Source: Resource manager

ICM9921   **I/O exception occurred: {0}**

Explanation: The validation utility encountered an I/O exception.

User response: Check the server log for more information.

Source: Resource manager

ICM9922   **Error in reports. The report is already open.**

Explanation: You tried to open a report, but that report is already open.

User response: Check the server log for more information.

Source: Resource manager

ICM9923   **Error in reports. Report already closed.**

Explanation: You tried to close a report, but that report is already closed.

User response: Check the server log for more information.

Source: Resource manager

ICM9924   **Total number of objects where the library server does not have an entry: {0}.**

Explanation: The validation utility found orphan discrepancies for the specified number of objects.

User response: Check the server log for more information.

Source: Resource manager

ICM9925   **Total number of objects where the resource manager does not have an entry: {0}.**

Explanation: The validation utility found discrepancies for the specified number of objects that are not found in the resource manager.

User response: Check the server log for more information.

Source: Resource manager

ICM9926   **Total number of objects where the dates do not match: {0}.**

Explanation: The validation utility found date discrepancies for the specified number of objects.

User response: Check the server log for more information.

Source: Resource manager

ICM9927   **Total number of objects where the collections do not match: {0}.**

Explanation: The validation utility found date discrepancies for the specified number of objects.

User response: Check the server log for more information.

Source: Resource manager

ICM9928   **The library server collection is not defined in the resource manager.**

Explanation: The collection returned by the library server is not defined in the resource manager.

User response: Check the server log for more information.

Source: Resource manager

ICM9929   **The logical name is not found for the volume ID: {0}.**

Explanation: No logical name is defined for the volume ID.

User response: Verify your file system logical name from the system administration client.

Source: Resource manager

ICM9930   **Volume ID not found for the logical name: {0}.**

Explanation: No volume ID is defined for the logical name.

User response: Verify your file system lo gical name from the system administration client

Source: Resource manager

ICM9931   **Invalid server name {0}.**

Explanation: Server name cannot be found in the database.

User response: Verify your server names from the

system administration client.

Source: Resource manager

ICM9932   The update date {0} is invalid.

Explanation: The update date of the incoming order is inconsistent with the update date of the existing object.

User response: Check the clocks and time zones on all of the resource manager and library server machines to ensure that they are correct. Also check the server logs for additional information.

Source: Resource manager

ICM9933   Invalid source server {0} or collection {1} for replication.

Explanation: The replicator could not find either the specified source server or collection.

User response: Check the log for more information.

Source: Resource manager

ICM9934   Invalid target server {0} or collection {1} for replication.

Explanation: The replicator cannot find either the specified target server or the specified collection.

User response: Check the log for more information.

Source: Resource manager

ICM9935   The item with ID {0} is already checked out by another user.

Explanation: You attempted to check out the specified item, but it is currently checked out by another user.

User response: Check the log for more information.

Source: Resource manager

ICM9936   The item with ID {0} cannot be checked in since it is not currently checked out.

Explanation: You attempted to check in the specified item, but it is not currently checked out.

User response: Check the log for more information.

Source: Resource manager

ICM9937   Delete failed for file {0}

Explanation: An error occurred deleting the file.

User response: Examine the error log for further information.

Source: Resource manager

ICM9938   Destroy failed for file {0}

Explanation: An error occurred destroying the file.

User response: Examine the error log for further information.

Source: Resource manager

ICM9939   The process received a shutdown message.

Explanation: This process is shutting down because the process received a shutdown message.

User response: None.

Source: Resource manager

ICM9940   The process is shutting down.

Explanation: This process is shutting down.

User response: Examine the error log for further information.

Source: Resource manager

ICM9941   Tivoli Storage Manager configuration error.

Explanation: Tivoli Storage Manager configuration error.

User response: Ensure that the value of DSMI_CONFIG, DSMI_DIR, and DSMI_LOG are valid.

Source: Resource manager

ICM9942   An error occurred while validating the Tivoli Storage Manager management class. {0}

Explanation: The Tivoli Storage Manager configuration is not correct or the input Tivoli Storage Manager management class is not defined in the Tivoli Storage Manager server.

User response: Check the Tivoli Storage Manager server to ensure that the Tivoli Storage Manager management class is a valid definition.

Source: Resource manager

ICM9943   {0} process shutdown completed.

Explanation: This process has been shutdown

User response: Examine the error log for more information.

Source: Resource manager

ICM9944   dsmQuerySession failed, return code: {0}

Explanation: An error occurred when querying the current session on a Tivoli Storage Manager server.

User response: Check the return code in Check the return code in *Tivoli Storage Manager: Using the Application Programming Interface,* H26-4123-01.

Source: Resource manager

ICM9945   Wrong version of the Tivoli Storage Manager client.

Explanation: The Tivoli Storage Manager 5.2.2 or later, client is required for all the archive related operations.

User response: Check the log for further information. You must update your Tivoli Storage Manager client to V5.2.2.1.

Source: Resource manager

ICM9946   Wrong version of the Tivoli Storage Manager server.

Explanation: The Tivoli Storage Manager 5.2.2 (or later) server is required for all the archive-related operations.

User response: Check the log for further information. You need to update your Tivoli Storage Manager server to 5.2.2.

Source: Resource manager

ICM9947   The Tivoli Storage Manager server is not in retention protection mode

Explanation: The Tivoli Storage Manager 5.2.2 (or later) server is required for all the archive-related operations.

User response: Check the log for further information. You need to update your Tivoli Storage Manager server to 5.2.2.

Source: Resource manager

ICM9948   Non-event based Tivoli Storage Manager mana gement class: {0}

Explanation: The Tivoli Storage Manager management class is not event based.

User response: Check the log for further information. If you want to use the retention protection feature, you must define an event-based Tivoli Storage Manager management class.

Source: Resource manager

ICM9949   dsmRetentionEvent failed, return code: {0}

Explanation: An error occurred when sending an event to an object on a Tivoli Storage Manager server.

User response: Check the return code in *Tivoli Storage Manager: Using the Application Programming Interface*, H26-4123-01, and follow the User Response for the corresponding return code.

Source: Resource manager

ICM9950   Undefined Tivoli Storage Manager management class: {0}

Explanation: The Tivoli Storage Manager management class is not defined in the Tivoli Storage Manager server.

User response: Check the log for further information. Check the Tivoli Storage Manager server to ensure that the Tivoli Storage Manager management class has a valid definition.

Source: Resource manager

ICM9951   dsmRetentionEvent failed, return code: {0}

Explanation: An error occurred when sending an event to an object on a Tivoli Storage Manager server.

User response: Check the return code in *Tivoli Storage Manager: Using the Application Programming Interface,* H26-4123-01, and follow the User Response for the corresponding return code. Also, check the log for more information.

Source: Resource manager

ICM9952   Cannot create the handle to the Tivoli Storage Manager server.

Explanation: Cannot create the handle to the Tivoli Storage Manager server.

User response: Check the return code in *Tivoli Storage Manager: Using the Application Programming Interface*, H26-4123-01, and follow the User Response for the corresponding return code. Also check the log for further information.

Source: Resource manager

ICM9953   An error occurred while trying to update the logging configuration for the requested component.

Explanation: Cannot update the logging configuration for the requested component.

User response: Ensure that the logging configuration file exists, that it is not locked by another process, and that the resource manager has the authority to update

the file. Check the resource manager log for further information.

Source: Resource manager

ICM9954 The logging configuration for the requested component was not obtained.

Explanation: No further explanation can be given.

User response: Ensure that the logging configuration file exists, it is not locked by another process, and that the resource manager has the authority to read it. Check the resource manager log for further information.

Source: Resource manager

ICM9955 The duration of the library server transaction took {0} seconds and was longer than {1} seconds.

Explanation: To maintain transaction integrity, the library server maximum TX duration must be met.

User response: Check the value of the Max Tx Duration in the library system control database table and increase as required. The database SQL must be used if the system administration user interface does not provide the capability. The value to be updated is the maximin transaction duration in seconds, not the token duration.

Source: Resource manager

ICM9956 The Message was sent out from the resource manager chunk transfer encoded.

Explanation: No further explanation can be given.

User response: No user action is required.

Source: Resource manager

ICM9957 The message was received chunk transfer encoded by the resource manager.

Explanation: No further explanation can be given.

User response: No user action is required.

Source: Resource manager

ICM9958 The trailer was written (Attribute: {0} / Value: {1})

Explanation: The message sent out from the resource manager contained a trailer.

User response: No user response is required.

Source: Resource manager

ICM9959 The volume with the ID {1} reached a volume full condition.

Explanation: Volume is full; objects stored might be split and stored across multiple volumes.

User response: Review the available storage space. Increase the volume space or add new volumes if necessary.

Source: Resource manager

ICM9960 Object with item ID {0} was split across multiple volumes. The object was partially written to volume {1}.

Explanation: Because a volume-full condition was reported for the first volume, the object was split up and stored across multiple volumes.

User response: Review the available storage space. Increase the volume space or add new volumes if necessary.

Source: Resource manager

ICM9961 Object parts for item ID {0} were read from multiple volumes. The object was partially read from volume {1}.

Explanation: Object was split across multiple volumes during store time and therefore read from multiple volumes.

User response: None.

Source: Resource manager

ICM9962 Was not able to write the object with item ID {0} / transaction ID {1} across multiple volumes. The error occurred while writing to volume {2}.

Explanation: You cannot write an object across multiple volumes.

User response: Examine the exception message and the logs for additional information.

Source: Resource manager

ICM9963 An error occurred while reading object with item ID {0} / transaction ID {1} from multiple volumes. The error occurred while reading from volume {2}.

Explanation: An error occurred while reading an object that is split across multiple volumes.

User response: Examine the exception message and the logs for additional information.

Source: Resource manager

ICM9964   **The existence of object could not be verified in the resource manager..**

Explanation: No further explanation can be given.

User response: No user action is required.

Source: Resource manager

ICM9965   **The IBM Content Manager directory specified cannot be found or is not correct.**

Explanation: No further explanation can be given.

User response: Verify that the environment variable IBMCMROOT is set properly.

Source: Resource manager

ICM9966   **The resource manager database type {0} cannot be found or is not correct.**

Explanation: The database type specified cannot be found or is not correct.

User response: Verify the provided input parameter or the configuration file for the resource manager services.

Source: Resource manager

ICM9967   **The database name {0} cannot be found or is not correct.**

Explanation: The database name specified cannot be found or is not correct.

User response: Verify the provided input parameter or the configuration file for the resource manager services.

Source: Resource manager

ICM9968   **The resource manager application name {0} cannot be found or is not correct.**

Explanation: The resource manager applicat ion name specified cannot be found or is not correct.

User response: Verify the provided input parameter or the configuration file for the resource manager services.

Source: Resource manager

ICM9969   **The WebSphere node name {0} cannot be found or is not correct.**

Explanation: The WebSphere node name specified cannot be found or is not correct.

User response: Verify the provided input parameter or the configuration file for the resource manager services.

Source: Resource manager

ICM9970   **The IBM WebSphere Application Server directory cannot be found.**

Explanation: The IBM WebSphere Application Server directory specified cannot be found or is not correct.

User response: Verify the provided input parameter or the configuration file for the resource manager services.

Source: Resource manager

ICM9971   **The DB2 instance directory cannot be found in the location specified.**

Explanation: The DB2 instance directory specified cannot be found or is not correct.

User response: Verify the provided input parameter or the configuration file for the resource manager services.

Source: Resource manager

ICM9972   **The DB2 JDBC driver cannot be found in the location specified.**

Explanation: The DB2 JDBC driver specified cannot be found or is not correct.

User response: Verify the provided input parameter or the configuration file for the resource manager services.

Source: Resource manager

ICM9975   **Check and ensure that the {0} parameter is set correctly in the file {1}.**

Explanation: The parameter mentioned cannot be found or is not correct.

User response: Open the specified file and verify the value of the parameter.

Source: Resource manager

ICM9976   **Check and ensure that the {0} parameter is set correctly.**

Explanation: The parameter mentioned cannot be found or is not correct.

User response: Verify the value of the parameter.

Source: Resource manager

ICM9977   **Check your input parameters in the file {0} and see the log file of the resource manager {1} service for more information.**

Explanation: At least one parameter is missing or is incorrect in the specified file.

User response: Open the specified file and verify the values of the parameters. Also see the log file of the specified resource manager service for more information.

Source: Resource manager

ICM9978   **Check your input parameters and see the log file of the resource manager {0} service for more information.**

Explanation: At lease one parameter is missing or is incorrect.

User response: Verify the provided input parameters and see the log file of the specified resource manager service for more i nformation.

Source: Resource manager

ICM9979   **Check the resource manager {0} service log file for more information.**

Explanation: An event has occurred and is logged.

User response: See the log file of the specified resource manager service for more information.

Source: Resource manager

ICM9980   **Usage:**

Explanation: The usage of the tool is printed.

User response: No action required.

Source: Resource manager

ICM9981   **A systemwide event, such as a USER LOGOFF, will STOP the {0} service.**

Explanation: The specified resource manager service is started in the background and is stopped when the user logs off.

User response: No action is required.

Source: Resource manager

ICM9982   **An error occurred while starting the resource manager {0} service.**

Explanation: An error occurred while starting the specified service.

User response: See the resource manager service log file for more information.

Source: Resource manager

ICM9983   **An error occurred while stopping the resource manager {0} service.**

Explanation: An error occurred while stopping the specified service.

User response: See the resource manager service log file for more information.

Source: Resource manager

ICM9984   **The port {0} is already in use. The resource manager {1} service is probably already running or the port is used by another program.**

Explanation: The specified resource manager service is trying to use a port that is already in use.

User response: Verify if the resource manager service is not already running or if no other program is using the port.

Source: Resource manager

ICM9985   **The port {0} is NOT in use. The resource manager {1} service is probably already stopped.**

Explanation: There is no application listening on the specified port.

User response: Verify if the resource manager service is not already stopped.

Source: Resource manager

ICM9986   **The syntax used is deprecated. Refer to the documentation for more information.**

Explanation: The positional input parameter syntax is deprecated.

User response: Refer to the documentation for more information.

Source: Resource manager

ICM9987   **Failed to honor audit request for {0} order.**

Explanation: The request to perform auditing for the order failed.

User response: No action required.

Source: Resource manager

ICM9988   **Cannot send data to the client. The client application closed the connection.**

Explanation: The client application closed the connection to the resource manager before all the data was transferred.

User response: Verify that the client application is working properly and try again.

Source: Resource manager

ICM9990   Invalid resource manager context.

Explanation: The resource manager environment context is not valid or is null.

User response: Verify that the resource manager context is valid.

ICM9991   Storage is not available at this time.

Explanation: The storage is not available; it might have been marked as off-line.

User response: Try again later or contact your IBM Content Manager administrator.

ICM9992   The resource manager context has not been set.

Explanation: The resource manager context must be set before a call.

User response: Set the resource manager environment context before doing a call.

ICM9993   The data source is not valid.

Explanation: The WebSphere® data source definition is no valid or is not set. If the Web application cannot connect to the resource manager database, the resource manager cannot process client requests.

User response: Verify the database connections. To validate the connection between the Web application and the resource manager database:

1. Log on to the WebSphere Application Server.
2. Select **Resource** > **JDBC** and click **Data source**.
3. Select the data source for your resource manager application. It has the form RMAPPLICATIONNAME_database.
4. Click **Test connection**.

If verification does not work, recheck the connection between the Web application and the resource manager database and test again.

ICM9994   The object with item ID *0* is not available or it might not exist.

Explanation: The object cannot be modified at this time. It might not exist or is currently in use by another transaction.

User response: Determine whether the object exists. Wait for the holding transaction to complete.

ICM9995   The object was not deleted; the deletion process is waiting on the next cycle.

Explanation: The object that is marked for deletion cannot be deleted at this time because the storage might be busy.

User response: No action is required.

ICM9996   The validation process started.

Explanation: The validation process has started.

User response: No action is required.

ICM9997   The validation process stopped.

Explanation: The validation process stopped.

User response: No action is required.

Content Manager for z/OS resource manager messages

These messages describe problems and possible solutions for the Content Manager for z/OS resource manager.

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000   **z/OS HTTP Server API HTTPD_read() method returned a non zero return code while attempting to read in the request entity body.**

Explanation: There might be a connection failure or any related problems between the client and HTTP Server while the z/OS HTTP Server attempts to read in the request entity body.

User response: Ensure that the request entity body is complete. Also, check the SYSOUT output and locate the HTTP reply to determine the error.

Source: Resource manager

ICM000I   **ICM000I IBM Content Manager for z/OS {} Resource Manager CGI GWAPI Application Built on {}.**

Explanation: Content Manager resource manager on z/OS is starting. The version and build date are output for informational purposes.

User response: You can perform automated or manual actions when resource manager on z/OS starts.

Source: Resource manager

ICM001E   **HTTP Read Error.**

Explanation: The HTTP request received by the resource manager was not properly formatted. This generally happens when there is a missing IBM Content Manager label value pair.

User response: Set the trace level in the ICMRMCONTROL table to 15, then retry the operation. Check the resource manager log to locate the missing HTTP parameter. The resource manager log is output to the SYSPRINT DD of the HTTP server started task. Correct the HTTP request and try the operation again.

Source: Resource manager

ICM002E   **HTTP Extract error.**

Explanation: The HTTP request received by the resource manager was not properly formatted. This request is usually encountered when a value is larger than expected.

User response: Set the trace level in the ICMRMCONTROL table to 15 and try again. If the failure persists, contact IBM Software Support.

Source: Resource manager

ICM003E   **Thread creation error.**

Explanation: The resource manager could not create a thread to handle the incoming request.

User response: Set the trace level in the ICMRMCONTROL table to 15 and rerun the failing scenario. If the problem persists, contact your IBM service representative.

Source: Resource manager

ICM004E   **Invalid action.**

Explanation: The HTTP request received by the resource manager contained a value for the ORDER label that is not recognized.

User response: Check the ORDER label and verify that it is among those currently supported by the resource manager. Rerun the failing scenario. If the failure persists, set the trace level to 15 and contact your IBM service representative.

Source: Resource manager

ICM005E   **Thread join error.**

Explanation: For future use. Not currently implemented.

User response: No action required.

Source: Resource manager

ICM006E   **Parmlist1 alloc error.**

Explanation: A failure occurred while attempting to allocate memory for a required OAM buffer. This condition generally occurs when system memory is not sufficient to handle the storage request.

User response: Set the trace level in the ICMRMCONTROL table to 15 and retry the failed operation. Check the resource manager log for the HTTP parameter that fails extraction. The resource manager log is output to the SYSPRINT DD of the HTTP server started task. Take corrective action and try the operation again. If the failure persists, set the trace level to 15 and contact your IBM service representative.

Source: Resource manager

ICM007E   **Parmlist2 alloc error.**

Explanation: While attempting to allocate memory for a required OAM buffer, a failure occurred. This failure generally occurs when system memory is not sufficient to handle the storage request.

User response: Ensure that the environment where the resource manager is installed has sufficient memory and is compliant with the basic minimum hardware prerequisites. If the problem persists, contact your IBM service representative.

Source: Resource manager

ICM008E   **Message area alloc error.**

Explanation: While attempting to allocate memory for a required OAM buffer, a failure occurred. This failure generally occurs when system memory is not sufficient to handle the storage request.

User response: Ensure that the environment where the resource manager is installed has sufficient memory and is compliant with the basic minimum hardware prerequisites. If the problem persists, contact your IBM service representative.

Source: Resource manager

ICM009E   **Mgmt class alloc error.**

Explanation: While attempting to allocate memory for a required OAM buffer, a failure occurred. This failure generally occurs when system memory is not sufficient to handle the storage request.

User response: Ensure that the environment where the resource manager is installed has sufficient memory and is compliant with the basic minimum hardware prerequisites. If the problem persists, contact your IBM service representative.

Source: Resource manager

ICM010E   **Storclas alloc error.**

Explanation: While attempting to allocate memory for a required OAM buffer, a failure occurred. This failure generally occurs when system memory is not sufficient to handle the storage request.

User response: Ensure that the environment where the resource manager is installed has sufficient memory and is compliant with the basic minimum hardware prerequisites. If the problem persists, contact your IBM service representative.

Source: Resource manager

ICM011E   **OSBFRLS alloc error.**

Explanation: While attempting to allocate memory for a required OAM buffer, a failure occurred. This failure generally occurs when system memory is not sufficient to handle the storage request.

User response: Ensure that the environment where the resource manager is installed has sufficient memory and is compliant with the basic minimum hardware prerequisites. If the problem persists, contact your IBM service representative.

Source: Resource manager

ICM012E   **QELBUFR alloc error.**

Explanation: While attempting to allocate memory for a required OAM buffer, a failure occurred. This failure generally occurs when system memory is not sufficient to handle the storage request.

User response: Ensure that the environment where the resource manager is installed has sufficient memory and is compliant with the basic minimum hardware prerequisites. If the problem persists, contact your IBM service representative.

Source: Resource manager

ICM013E   **OBJBUFR alloc error.**

Explanation: While attempting to allocate memory for a required OAM buffer, a failure occurred. This failure generally occurs when system memory is not sufficient to handle the storage request.

User response: Ensure that the environment where the resource manager is installed has sufficient memory and is compliant with the basic minimum hardware prerequisites. If the problem persists, contact your IBM service representative.

Source: Resource manager

ICM014E   **OBLBUFFER alloc error.**

Explanation: While attempting to allocate memory for a required OAM buffer, a failure occurred. This failure generally occurs when system memory is not sufficient to handle the storage request.

User response: Ensure that the environment where the resource manager is installed has sufficient memory and is compliant with the basic minimum hardware prerequisites. If the problem persists, contact your IBM service representative.

Source: Resource manager

ICM015E   OBLELEMENT alloc error.

Explanation: While attempting to allocate memory for a required OAM buffer, a failure occurred. This failure generally occurs when system memory is not sufficient to handle the storage request.

User response: Ensure that the environment where the resource manager is installed has sufficient memory and is compliant with the basic minimum hardware prerequisites. If the problem persists, contact your IBM service representative.

Source: Resource manager

ICM016E   Token area alloc error.

Explanation: While attempting to allocate memory for a required OAM buffer, a failure occurred. This failure generally occurs when system memory is not sufficient to handle the storage request.

User response: Ensure that the environment where the resource manager is installed has sufficient memory and is compliant with the basic minimum hardware prerequisites. If the problem persists, contact your IBM service representative.

Source: Resource manager

ICM017E   Timestamp alloc error.

Explanation: While attempting to allocate memory for a required OAM buffer, a failure occurred. This failure generally occurs when system memory is not sufficient to handle the storage request.

User response: Ensure that the environment where the resource manager is installed has sufficient memory and is compliant with the basic minimum hardware prerequisites. If the problem persists, contact your IBM service representative.

Source: Resource manager

ICM018E   HTTP extract error.

Explanation: While attempting to extract the entity header and/or query string from the incoming HTTP request, a failure occurred.

User response: Verify the resource manager log is set to debug tracing. The resource manager log is output to the SYSPRINT DD of the HTTP server started task.

If the incoming request was generated outside the IBM Content Manager APIs, correct the request and try again. If the failure persists, contact your IBM service representative.

Source: Resource manager

ICM019E   No question mark.

Explanation: The absence of a question mark in the HTTP request on a query string indicates the query string is malformed.

User response: If the query string was generated outside the IBM Content Manager APIs, correct the error and retry. If the failure persists, set the trace level to 15 and call your IBM service representative.

Source: Resource manager

ICM020E   Invalid HTTP label.

Explanation: Resource manager parser encountered an unknown label in the HTTP request string.

User response: Check the labels and verify that they are among those currently supported by the resource manager and then retry the failed operation. If the failure persists, set the trace level to 15 and contact your IBM service representative.

Source: Resource manager

ICM021E   OAM Access Failed.

Explanation: While attempting to access and prepare OAM for a resource manager operation, a failure occurred.

User response: Note the OAM OSREQ return code and reason code. Then refer to the IBM manual, *z/OSDFSMSdfpDiagnosis Reference* to determine the meaning of the OAM OSREQ return and reason codes taken from the resource manager log. The resource manager log is output to the SYSPRINT DD of the HTTP Server started task. Take the appropriate action described in the guide and then retry the failed operation. If the failure persists, set the trace level to 15 and contact your IBM service representative.

Source: Resource manager

ICM022E   OAM store failed.

Explanation: A failure occurred during an OSREQ store operation.

User response: Check the resource manager log for the OAM OSREQ return and reason codes. Then refer to the IBM manual, *z/OSDFSMSdfpDiagnosis Reference* to determine the meaning of the OAM OSREQ return and reason codes taken from the resource manager log. The resource manager log is output to the SYSPRINT DD of the HTTP Server started task. Take the appropriate action described in the guide and then retry the failed operation. If the failure persists, set the trace level to 15 and contact your IBM service representative.

Source: Resource manager

ICM023E   **OAM Query Failed.**

Explanation: During an OSREQ query operation, a failure occurred.

User response: Check the resource manager log for the OAM OSREQ return and reason codes. Then refer to the IBM manual, *z/OSDFSMSdfpDiagnosis Reference* to determine the meaning of the OAM OSREQ return and reason codes taken from the resource manager log. The resource manager log is output to the SYSPRINT DD of the HTTP Server started task. Take the appropriate action described in the guide and then retry the failed operation. If the failure persists, set the trace level to 15 and contact your IBM service representative.

Source: Resource manager

ICM024E   **OAM Retrieve failed.**

Explanation: A failure occurred during an OSREQ retrieve operation.

User response: Check the resource manager log for the OAM OSREQ return and reason codes and refer to the IBM manual, *z/OSDFSMSdfpDiagnosis Reference* to determine the meaning of the OAM OSREQ return and reason codes taken from the resource manager log. The resource manager log is output to the SYSPRINT DD of the HTTP Server started task. Take the appropriate action described in the guide and then retry the failed operation. If the failure persists, set the trace level to 15 and contact your IBM service representative.

Source: Resource manager

ICM025E   **OAM Delete failed.**

Explanation: During an OSREQ delete operation, a failure occurred.

User response: Check the resource manager log for the OAM OSREQ return and reason codes. The resource manager log is output to the SYSPRINT DD of the HTTP Server started task. Refer to the IBM manual,*z/OSDFSMSdfpDiagnosis Reference* to determine the meaning of the OAM OSREQ return and reason codes taken from the resource manager log. Take the appropriate action described in the guide and then retry the failed operation. If the failure persists, set the trace level to 15 and contact your IBM service representative.

Source: Resource manager

ICM026E   **OAM ChangeSMS failed.**

Explanation: During an OSREQ changeSMS operation, a failure occurred.

User response: Check the resource manager log for the OAM OSREQ return and reason codes. The resource manager log is output to the SYSPRINT DD of the HTTP Server started task. Then refer to the IBM

manual, *z/OS DFSMSdfp Diagnosis Reference* to determine the meaning of the OAM OSREQ return and reason codes taken from the resource manager log. Take the appropriate action described in the guide and then retry the failed operation. If the failure persists, set the trace level to 15 and contact your IBM service representative.

Source: Resource manager

ICM027E   **OAM UNACCESS failed.**

Explanation: While attempting to unaccess and cleanup OAM for a resource manager operation, a failure occurred.

User response: Note the OAM OSREQ return code and reason codes and refer to the IBM manual,*z/OS DFSMSdfp Diagnosis Reference* to determine the meaning of the OAM OSREQ return and reason codes taken from the resource manager log. The resource manager log is output to the SYSPRINT DD of the HTTP Server started task. Take the appropriate action described in the guide and then retry the failed operation. If the failure persists, set the trace level to 15 and contact your IBM service representative.

Source: Resource manager

ICM028E   **Track Table SQL error.**

Explanation: While attempting to insert a row into the resource manager tracking table ICMRMTRK a failure occurred.

User response: Check the resource manager log for the DB2 return code indicating the possible cause of the failure. The resource manager log is output to the SYSPRINT DD of the HTTP server started task. Perform the suggested correction and then retry the failed operation. If the failure persists, set the trace level to 15 and contact your IBM service representative.

Source: Resource manager

ICM029E   **CAF Attach Error.**

Explanation: While attempting to initialize the connection to the DB2 Subsystem, a failure occurred.

User response: Modify the HTTP Server procedure JCL to enable DSNTRACE on. Set the resource manager trace level to 15 and retry the failed operation. If the failure persists, contact your IBM service representative.

Source: Resource manager

ICM030E   **CAF Open error.**

Explanation: A failure has occurred while attempting to connect to the DB2 Subsystem.

User response: Modify the HTTP Server procedure JCL to enable DSNTRACE on. Set the resource manager

trace level to 15 and retry the failed operation. If the failure persists, contact your IBM service representative.

Source: Resource manager

ICM031E   CAF Disconnect error.

Explanation: While attempting to disconnect from the DB2 Subsystem, a failure occurred.

User response: Modify the HTTP Server procedure JCL to enable DSNTRACE on. Set the resource manager trace level to 15 and rerun the failing scenario. If the failure persists, contact your IBM service representative.

ICM032E   HTTP Header alloc error.

Explanation: While attempting to allocate memory for the resource manager HTTP Header control block, a failure occurred.

User response: Ensure that the system where the resource manager is installed meets the minimum required hardware memory requirements and then retry the failed operation. If the failure persists, set the trace level to 15 and contact your IBM service representative.

Source: Resource manager

ICM033E   DB2 Subsystem ID error.

Explanation: An invalid DB2 Subsystem ID has been specified.

User response: Check the ICMRMWS datamember and correct the DB2SubsystemID and then retry the failed operation. If the failure persists, set the trace level to 15 and contact your IBM service representative.

Source: Resource manager

ICM034E   Unexpected SQL error.

Explanation: While attempting to manipulate a resource manager table, an unexpected DB2 SQL error occurred.

User response: Set the trace level in the resource manager to 15 and then retry the failed operation. Check the resource manager log to determine the cause and corrective action to perform. The resource manager log is output to the SYSPRINT DD of the HTTP Server started task. If the failure persists, set the trace level to 15 and contact your IBM service representative.

Source: Resource manager

ICM035E   Token is invalid.

Explanation: The security object token passed to the resource manager on the failing request is invalid.

User response: An IBM Content Manager object token consists of a private key. The private key is known to both the library server and is shared with all of the resource managers within the system, including the public keys. The public keys consists of information sent in the HTTP header of the given request which is encrypted to comprise the security object token. The public key is generated within the library server during a request and is decrypted in the target resource manager. Possible reasons a token is found invalid are:

1. Token has expired. Check the TOKENDURATION column of the <schema >.ICMSTResourceMgr table. This value should be sufficiently long to allow a request to transit the IBM Content Manager system and the underlying network before expiring.

2. The private keys (ENCRYPTION KEYS) in the library server and the target resource manager do not match. Query the library server <schema >.ICMSTSYSCONTROL table for the ENCRYPTIONKEY value and compare this with the resource manager's <schema >.ICMRMKEY ENCRYPTIONKEY. These values must be identical. If the keys are different, perform a KeyFlush operation from the IBM Content Manager system administration client.

After you make the correction, retry the failed operation. If the failure persists, set the trace level to 15 and contact your IBM service representative.

Source: Resource manager

ICM036E   Pre-exit program load error.

Explanation: While attempting to load the pre-exit program, a failure occurred.

User response: This error is most likely due to an invalid pre-exit name that does not adhere to the naming convention. Check the z/OS Resource Manager Planning and Installation Guide and verify that the pre-exit name is correct. Retry the failed operation. If the failure persists, set the trace level to 15 and contact your IBM service representative.

Source: Resource manager

ICM037E   Post-exit program load error.

Explanation: While attempting to load the post-exit program, a failure occurred.

User response: This error can occur when an invalid pre-exit name is used that does not adhere to the naming convention. Check the *z/OS Resource Manager Planning and Installation Guide* to make sure that the post-exit name is correct and then retry the operation. If the failure persists, set the trace level to 15 and contact your IBM service representative.

Source: Resource manager

ICM038E   **Error extracting HTTP parameters.**

Explanation: While the resource manager parser attempted to extract the label value pairs from the incoming HTTP request, a failure occurred.

User response: This failure is usually due to a malformed HTTP request. Check to see if this request was generated outside the IBM Content Manager APIs. Correct it and then retry the operation. If the failure persists, set the trace level to 15 and contact your IBM service representative.

Source: Resource manager

ICM039E   **Error reading SYSIN file.**

Explanation: While attempting to read the ICMMRMWS data member, a failure occurred.

User response: Ensure that the data member contents are properly formatted, and then try again. If the failure persists, set the trace level to 15 and contact your IBM service representative.

Source: Resource manager

ICM040E   **Error opening SYSIN file.**

Explanation: While attempting to open the ICMMRMWS data member, a failure occurred.

User response: Ensure that the data member exists at the location specified by in the HTTP server procedure. If the failure persists, set the trace level to 15 and contact your IBM service representative.

Source: Resource manager

ICM041E   **Invalid SYSIN file directive.**

Explanation: While attempting to read the ICMMRMWS data member, a failure occurred.

User response: Ensure that the data member pointed to in the HTTP server procedure is properly formatted. If the failure persists, set the trace level to 15 and contact your IBM service representative.

Source: Resource manager

ICM042E   **Object in use by another transaction.**

Explanation: The resource manager attempted to perform an action for a given item and it was not allowed.

User response: This failure generally occurs when a transaction on the current Item ID does not complete and leaves an entry in the ICMRMTRK table. If the transaction is in progress, let it run to completion. If it is determined that the transaction has failed, run the Asynchronous Recovery process to clean up the ICMRMTRK table. If the failure persists, set the trace level to 15 and contact your IBM service representative.

Source: Resource manager

ICM043E   **Library server connection error.**

Explanation: While attempting to connect to the library server, a failure occurred.

User response: Check the resource manager log for information on the cause of the connection failure. The resource manager log is output to the SYSPRINT DD of the HTTP Server started task. Perform the corrective steps and then try connecting to the library server again. If the failure persists, set the trace level to 15 and contact your IBM service representative.

Source: Resource manager

ICM044E   **Library server logon error.**

Explanation: While attempting to connect to the library server, a failure occurred.

User response: Check the resource manager log for information on the cause of the connection failure. The resource manager log is output to the SYSPRINT DD of the HTTP Server started task. Perform the corrective steps and then try connecting to the library server again. If the failure persists, set the trace level to 15 and contact your IBM service representative.

Source: Resource manager

ICM045E   **Error accessing ICMRMASYNCH table.**

Explanation: While attempting to access the ICMRMASYNCH replication table, a failure occurred.

User response: Check the resource manager log for the associated Content Manager for z/OS error message that might be the cause of the access failure. The resource manager log is output to the SYSPRINT DD of the HTTP Server started task. Perform the corrective steps and then try accessing the ICMRMASYNCH replication table. If the failure persists, set the trace level to 15 and contact your IBM service representative.

Source: Resource manager

ICM046E   **Error in reset after library server access.**

Explanation: A DB2 reset after a library server access has failed.

User response: Set the trace level to 15 and then retry the operation. If the failure persists, set the trace level to 15 again and contact your IBM service representative.

Source: Resource manager

ICM047W   Error sending replica to target resource manager. Verify target resource manager is online and configured.

Explanation: While attempting to replicate an object, the asynchronous replication process encountered an error.

User response: This type of failure generally occurs when the target resource manager is offline. Verify that the target resource manager is configured properly and is active and then retry the operation. If the failure persists, set the trace level to 15 and contact your IBM service representative.

Source: Resource manager

ICM048E   Error in deleting entry from ICMRMASYNCH table.

Explanation: While attempting to delete an entry from the ICMRMASYNCH table, a failure occurred.

User response: Check the resource manager log for the DB2 error. The resource manager log is output to the SYSPRINT DD of the HTTP Server started task. Perform the suggested corrective action and then try deleting the entry again. If the failure persists, set the trace level to 15 and contact your IBM service representative.

Source: Resource manager

ICM049W   There are no items to be replicated.

Explanation: After connecting to the library server, the asynchronous replication process cannot find any items to replicate that match the source and target resource manager passed to the ICMMRMAP job.

User response: If you think that objects should have been replicated, check the ICMMRMAP job to ensure that the correct target and source resource managers were correctly specified. The source and target resource manager names in the ICMMRMAP job are case-sensitive. After checking the ICMMRMAP job, retry the operation. If the failure persists, set the trace level to 15 and contact your IBM service representative.

Source: Resource manager

ICM050E   OAM access error.

Explanation: While attempting to access and prepare OAM for a resource manager operation, a failure occurred.

User response: Note the OAM OSREQ return and reason codes. Refer to the IBM manual, *z/OS DFSMSdfp Diagnosis Reference* to determine the meaning of the OAM OSREQ return and reason codes taken from the resource manager log. The resource manager log is output to the SYSPRINT DD of the HTTP Server started task. Perform the appropriate action described

in the guide and then retry the operation. If the failure persists, set the trace level to 15 and contact your IBM service representative.

Source: Resource manager

ICM051E   No return code found in resource manager reply.

Explanation: The asynchronous replication has parsed the XML reply from the target resource manager and has found that there is no return code or reason code contained in the reply.

User response: No action is required.

Source: Resource manager

ICM052E   OAM retrieve error.

Explanation: While attempting to retrieve object data from OAM, a failure occurred.

User response: Note the OAM OSREQ return and reason codes. Refer to the IBM guide, *z/OS DFSMSdfp Diagnosis Reference* to determine the meaning of the OAM OSREQ return and reason codes taken from the resource manager log. The resource manager log is output to the SYSPRINT DD of the HTTP Server started task. Perform the appropriate action described in the guide and then try retrieving the object data again. If the failure persists, set the trace level to 15 and contact your IBM service representative.

Source: Resource manager

ICM053E   OAM query error.

Explanation: During an OSREQ query operation, a failure occurred.

User response: Check the resource manager log for the OAM OSREQ return and reason codes. The resource manager log is output to the SYSPRINT DD of the HTTP Server started task. Refer to the IBM guide, *z/OS DFSMSdfp Diagnosis Reference* to determine the meaning of the OAM OSREQ return and reason codes taken from the resource manager log. Perform the appropriate action described in the guide and then retry the query operation. If the failure persists, set the trace level to 15 and contact your IBM service representative.

Source: Resource manager

ICM054E   Error allocating OAM buffers.

Explanation: While attempting to allocate memory for a required OAM buffer, a failure occurred. This failure generally happens when system memory is not sufficient to handle the storage request.

User response: Check to see if the resource manager installation environment has sufficient memory and is

compliant with the basic minimum hardware prerequisites. If the problem persists, contact your IBM service representative.

Source: Resource manager

ICM055E   OAM Unaccess error.

Explanation: While attempting to unaccess and cleanup OAM for a resource manager operation, a failure occurred.

User response: Note the OAM OSREQ return and reason codes and refer to the IBM manual, *z/OS DFSMSdfp Diagnosis Reference* to determine the meaning of the OAM OSREQ return and reason codes taken from the resource manager log. The resource manager log is output to the SYSPRINT DD of the HTTP Server started task. Perform the corrective action described in the guide and then retry the operation. If the failure persists, set the trace level to 15 and contact your IBM service representative.

Source: Resource manager

ICM056E   Error sending end-trans request to target resource manager.

Explanation: When sending an end-trans request to the target resource manager, a failure occurred.

User response: Ensure that the target resource manager is online and then try again. If the failure persists, set the trace level to 15 and contact your IBM service representative.

Source: Resource manager

ICM057E   Gethostbyname error.

Explanation: During the attempt to gethostbyname of the target resource manager, a failure occurred.

User response: Ensure that the host name for the target resource manager is valid and is available from the source resource manager. If the failure persists, set the trace level to 15 and contact your IBM service representative.

Source: Resource manager

ICM058E   Invalid buffer size for socket.

Explanation: While attempting to send data on a socket to the target resource manager, a failure occurred.

User response: Check the resource manager for the corrective maintenance. If the failure persists, set the trace level to 15 and contact your IBM service representative.

Source: Resource manager

ICM059E   Error opening socket to target resource manager.

Explanation: While attempting to open a socket to the target resource manager, a failure occurred. Ensure that the target resource manager is online and is available from the source resource manager.

User response: Ensure the target resource manager is online and is available to the source resource manager. If the failure persists, set the trace level to 15 and contact your IBM service representative.

Source: Resource manager

ICM060E   Error connecting to target resource manager.

Explanation: While attempting to connect to the target resource manager during the asynchronous replication process, a failure occurred.

User response: Verify that the target resource manager is online and then retry the operation. If the failure persists, set the trace level to 15 and contact your IBM service representative.

Source: Resource manager

ICM061E   Error opening EBCDIC converter.

Explanation: While attempting to initialize the EBCDIC converter logic, a failure occurred.

User response: Check the resource manager log for information indicating the error. The resource manager log is output to the SYSPRINT DD of the HTTP Server started task. Take corrective action and then retry the operation. If the failure persists, set the trace level to 15 and contact your IBM service representative.

Source: Resource manager

ICM062E   Error converting buffer from/to ASCII/EBCDIC.

Explanation: The conversion of the text from EBCDIC to ASCII failed.

User response: When creating the HTTP header, the text must be converted to ASCII before it can be sent out over the socket to conform to the HTTP protocol. Check the resource manager log for the location of the error. The resource manager log is output to the SYSPRINT DD of the HTTP Server started task. Take corrective action and then retry the operation. If the failure persists, set the trace level to 15 and contact your IBM service representative.

Source: Resource manager

ICM063E   **Socket send error.**

Explanation: While sending information over the TCP/IP socket, a failure occurred.

User response: Verify that the target resource manager is online and is available and then retry the operation. If the failure persists, set the trace level to 15 and contact your IBM service representative.

Source: Resource manager

ICM064E   **Socket receive error.**

Explanation: While attempting to read information from the socket during asynchronous replication, a failure occurred.

User response: Check the resource manager and retry the operation. If the failure persists, set the trace level to 15 and contact your IBM service representative.

Source: Resource manager

ICM065E   **CAF open error.**

Explanation: During a Call Attach Facility operation attempting to connect to DB2, a failure occurred.

User response: Check the resource manager log for indication of action to perform to correct the error. The resource manager log is output to the SYSPRINT DD of the HTTP Server started task. Also, try turning on the DSNTRACE in the Webserver procedure and then retry the operation. If the failure persists, set the trace level to 15 and contact your IBM service representative.

Source: Resource manager

ICM066E   **CAF disconnect error.**

Explanation: During a Call Attach Facility operation attempting to disconnect from DB2, a failure occurred.

User response: Check the resource manager log for the corrective action to perform. The resource manager log is output to the SYSPRINT DD of the HTTP Server started task. If this does not work, try turning on the DSNTRACE in the Webserver procedure and then retry the operation. If the failure persists, set the trace level to 15 and contact your IBM service representative.

Source: Resource manager

ICM067E   **Resource manager name could not be mapped to code.**

Explanation: An error occurred mapping the resource manager name passed to the asynchronous process as input with those defined in the library server.

User response: Check the asynchronous process log and correct the name of the resource manager being passed in. This value is case-sensitive. The resource manager asynchronous process log is output to the

SYSPRINT DD of the asynchronous job. If the failure persists, set the trace level to 15 and contact your IBM service representative.

Source: Resource manager

ICM068E   **Collection name could not be mapped to code.**

Explanation: An error occurred mapping the resource manager collection name passed to the asynchronous process as input with those defined in the library server.

User response: Check the asynchronous process log and correct the name of the collection being passed in. The resource manager asynchronous process log is output to the SYSPRINT DD of the asynchronous job. This value is case-sensitive. If the failure persists, set the trace level to 15 and contact your IBM service representative.

Source: Resource manager

ICM069E   **Item checkin failure.**

Explanation: While attempting to check in an item in an asynchronous process, a failure occurred.

User response: Check the asynchronous process log to determine which item checkout fails. The resource manager asynchronous process log is output to the SYSPRINT DD of the asynchronous job. If this item is checked out by another process, wait and then retry. If the failure persists, set the trace level to 15 and contact your IBM service representative.

Source: Resource manager

ICM070E   **Datastream build failure.**

Explanation: While attempting to build the CLOB/BLOB used to pass parameters to the library server, a failure occurred.

User response: Ensure that the library server, APIs, and resource manager are at the appropriate matching levels. A common cause of this error is inconsistencies among the three main components of IBM Content Manager. If the failure persists, set the trace level to 15 and contact your IBM service representative.

Source: Resource manager

ICM071E   **Import replica failure.**

Explanation: While attempting to import a replica into the resource manager, a failure occurred.

User response: Ensure that the format of the item failing is correct. If the failure persists, set the trace level to 15 and contact your IBM service representative.

Source: Resource manager

ICM072E   **Resource manager information retrieve failure.**

Explanation: While attempting to retrieve the list of resource managers from the library server for mapping later, a failure occurred.

User response: Retry the operation. If the failure persists, set the trace level to 15 and contact your IBM service representative.

Source: Resource manager

ICM073E   **Collection information retrieve failure.**

Explanation: While attempting to retrieve the list of the collections from the library server for mapping later, a failure occurred.

User response: Check the ORDER label and verify that it is among those currently supported by the resource manager and then retry the operation. If the failure persists, set the trace level to 15 and contact your IBM service representative.

Source: Resource manager

ICM074E   **Item checkout failure.**

Explanation: While attempting to check out an item, a failure occurred.

User response: Check the resource manager for the item that failed the check out and then retry the operation. If the failure persists, set the trace level to 15 and contact your IBM service representative.

Source: Resource manager

ICM075E   **End-trans failure.**

Explanation: During an end-trans operation, a failure occurred.

User response: Check the resource manager for the cause of the failing end-trans order. Generally, this failure occurs when there are no matching entries in the ICMRMTRK resource manager tracking table. If the failure persists, set the trace level to 15 and contact your IBM service representative.

Source: Resource manager

ICM076E   **Item resource flag update failure.**

Explanation: While attempting to update an item's resource flag in the library server, a failure occurred.

User response: During replication, the resource manager attempts to update the resource flag for the given replica after replication to the target resource manager is successful. This update attempt is against the ICMSTREPLICAS table. Check the resource manager log and the icmserver.log of the library server. The resource manager log is output to the SYSPRINT DD of the HTTP Server started task. If the failure persists, set the trace level to 15 and contact your IBM service representative.

Source: Resource manager

ICM077E   **OAM delete of existing object failure.**

Explanation: During an OSREQ delete operation, a failure occurred.

User response: Check the resource manager log for the OAM OSREQ return and reason codes. The resource manager log is output to the SYSPRINT DD of the HTTP Server started task. Refer to the IBM manual, *z/OS DFSMSdfp Diagnosis Reference* to determine the meaning of the OAM OSREQ return and reason codes taken from the resource manager log. Take the appropriate action described in the guide and retry the operation. If the failure persists, set the trace level to 15 and contact your IBM service representative.

Source: Resource manager

ICM078E   **Reset commit flag failure.**

Explanation: While attempting to update the reset commit flag, a failure occurred.

User response: The reset commit flag is used by the asynchronous replication process to process all items in the ICMRMASYNCH table during a replication run. At the beginning of each run, items that were not replicated will attempt to replicate again. For the replication to occur, the commit flag for these items must be reset. A failure is likely due to a DB2 error during the table update for the given item. If the failure persists, set the trace level to 15 and contact your IBM service representative.

Source: Resource manager

ICM079E   **CAF Close error.**

Explanation: An error occurred during a Call Attach Facility operation attempting to disconnect from DB2.

User response: Check the resource manager log for action to correct the error. The resource manager log is output to the SYSPRINT DD of the HTTP Server started task. If the problem persists, turn on the DSNTRACE in the Webserver procedure and retry the operation. If the failure persists, set the trace level to 15 and contact your IBM service representative.

Source: Resource manager

ICM080W   **CAF close/open errors.**

Explanation: An error occurred during a Call Attach Facility operation attempting to reset the connection to DB2.

User response: Check the resource manager log for

the action to correct the error. The resource manager log is output to the SYSPRINT DD of the HTTP Server started task. Try turning on the DSNTRACE in the Webserver procedure and then retry the operation. If the failure persists, set the trace level to 15 and contact your IBM service representative.

Source: Resource manager

ICM081E **CAF connect error.**

Explanation: During a Call Attach Facility operation attempting to connect to DB2, a failure occurred.

User response: Check the resource manager log for the action to correct the error. The resource manager log is output to the SYSPRINT DD of the HTTP Server started task. Try turning on the DSNTRACE in the Webserver procedure and then retry the operation. If the failure persists, set the trace level to 15 and contact your IBM service representative.

Source: Resource manager

ICM082E **Invalid or missing parameters.**

Explanation: An error has occurred in an asynchronous process due to parameter matching.

User response: Each asynchronous process has a required number of parameters. This number is not consistent with the number that was passed as input. Check the JCL used to initiate this job and correct the parameters, the ORDER label, and verify that it is among those currently supported by the resource manager. Then retry the operation. If the failure persists, set the trace level to 15 and contact your IBM service representative.

Source: Resource manager

ICM083E **Error reading items to delete.**

Explanation: The asynchronous delete process failed while attempting to read the library server ICMSTITEMSTODELETE table.

User response: Check the resource manager log to determine the library server return code and suggested action to perform. The resource manager log is output to the SYSPRINT DD of the HTTP Server started task. The asynchronous delete process reads items for deletion from the library server via the asynchronous delete stored procedure. An error reading this list of entries might be library server related and requires checking the library server log for corrective information. If the failure persists, set the trace level to 15 and contact your IBM service representative.

Source: Resource manager

ICM084E **Error deleting from OAM.**

Explanation: While attempting to delete items from OAM, a failure occurred.

User response: Check the resource manager log for the OAM OSREQ return and reason codes. The resource manager log is output to the SYSPRINT DD of the HTTP Server started task. Refer to the IBM manual, *z/OSDFSMSdfpDiagnosis Reference* to determine the meaning of the OAM OSREQ return and reason codes taken from the resource manager log. Take the appropriate action described in the guide and retry the operation. If the failure persists, set the trace level to 15 and contact your IBM service representative.

Source: Resource manager

ICM085E **Error deleting item from library server.**

Explanation: While attempting to delete an entry from the ICMSTITEMSTODELETE table, the asynchronous delete process encountered a failure.

User response: The asynchronous delete process relies upon the ICMSTITEMSTODELETE table in the library server to remove object data entries from OAM. Once the OAM entries are removed for a given object, objects referenced in the ICMSTITEMSTODELETE table are removed by the asynchronous delete stored procedure. If this stored procedure fails, it will return a non-zero return code that will be displayed in the resource manager log and the library server log. Check both the resource manager and library server logs to determine the corrective course of action. The resource manager log is output to the SYSPRINT DD of the HTTP Server started task. If the failure persists, set the trace level to 15 and contact your IBM service representative.

Source: Resource manager

ICM086E **Library server logoff failure.**

Explanation: While attempting to log off from the library server, a failure occurred.

User response: Check the resource manager log and locate the library server return code indicating the failure. The resource manager log is output to the SYSPRINT DD of the HTTP Server started task. Also, check the library server log for the corrective action required. If the failure persists, set the trace level to 15 and contact your IBM service representative.

Source: Resource manager

ICM087E **Encryption key not found in table ICMRMKEY.**

Explanation: While attempting to retrieve the encryption key, a failure occurred.

User response: Check the A label and verify that it is among those currently supported by the resource

manager and then retry the operation. If the failure persists set the trace level to 15 and contact your IBM service representative.

Source: Resource manager

ICM088E   No host name found.

Explanation: When attempting a replication operation as a hostname, the hostname was not found.

User response: Check the resource manager log. The resource manager log is output to the SYSPRINT DD of the HTTP Server started task. If the host name is not listed, check the ICMRMASYNCH table for the item that failed to replicate. If the hostname is not present for the target resource manager, there is an inconsistency in the library server's ICMSTRESOURCEMANAGER table for the target resource manager. Ensure that the INETADDR field is correct. If the failure persists, set the trace level to 15 and contact your IBM service representative.

Source: Resource manager

ICM089E   Entity content alloc error.

Explanation: While attempting to allocate memory for a required OAM buffer, a failure occurred. This failure generally occurs when system memory is not sufficient to handle the storage request.

User response: Ensure that the environment where the resource manager is installed has sufficient memory and is compliant with the basic minimum hardware prerequisites. If the problem persists, contact you IBM service representative.

Source: Resource manager

ICM090E   Malloc attempt failed.

Explanation: While attempting to allocate memory for a required operation, a failure occurred. This failure generally occurs when the system memory is not sufficient to handle the storage request.

User response: Ensure that the environment where the resource manager is installed has sufficient memory and is compliant with the basic minimum hardware prerequisites. If the problem persists, contact you IBM service representative.

Source: Resource manager

ICM091E   Target resource manager has returned an error during the replication STORE operation.

Explanation: While attempting to replicate to the target resource manager, a failure occurred.

User response: Check the resource manager log to determine the cause of the replication failure. The

resource manager log is output to the SYSPRINT DD of the HTTP Server started task. Retry the operation. If the failure persists, set the trace level to 15 and contact your IBM service representative.

Source: Resource manager

ICM092E   Error returned during memory free operation.

Explanation: A call to free allocated memory returned an error. This generally occurs when a free is done on an address location that has not been malloced.

User response: Set the trace level to 15 and contact your IBM service representative.

Source: Resource manager

ICM093E   Send retry maximum reached.

Explanation: The asynchronous replication process' retry mechanism for noncritical replication errors has reached the maximum number of retry attempts.

User response: A common reason for the retry mechanism to take effect is that the target resource manager is offline during the initial attempt to replicate. Ensure that the target resource manager is online and retry the replication. If the failure persists, set the trace level to 15 and contact your IBM service representative.

Source: Resource manager

ICM094W   Update of ICMRMASYNCH failed. Most likely cause is entry has already been deleted.

Explanation: While updating the ICMRMASYNCH table, a failure occurred.

User response: An update error to the ICMRMASYNCH table is generally due to an IBM Content Manager error. Check the resource manager log. The resource manager log is output to the SYSPRINT DD of the HTTP Server started task. Correct the cause of the failure listed in the resource manager log and retry the operation. The failure might also occur if the entry has already been deleted. If the failure persists, set the trace level to 15 and contact your IBM service representative.

Source: Resource manager

ICM095E   Input source resource manager is invalid. Correct the JCL input parameters and try again.

Explanation: While attempting to replicate based on an invalid source resource manager, a failure occurred.

User response: This failure generally occurs when there is a mismatch between the resource manager in

the input parameters of the ICMMRMAP job with a valid resource manager listed in the library server's ICMSTRESOURCEMGR table. Check the resource manager's scenario. If the failure persists, set the trace level to 15 and contact your IBM service representative.

Source: Resource manager

ICM096E   **Unable to retrieve prefetch entity from ICMRMPREFETCH table.**

Explanation: The resource manager is enabled for prefetch and has attempted to access the ICMRMPREFETCH table to determine if a RETRIEVE request's items has been prefetched.

User response: Check the resource manager log for the DB2 error related to the inability to access the ICMRMPREFETCH table. The resource manager log is output to the SYSPRINT DD of the HTTP Server started task. An update error to the ICMRMASYNCH table is generally due to an IBM Content Manager error. Take the corrective action and rerun the failed operation. If the failure persists, set the trace level to 15 and contact your IBM service representative.

Source: Resource manager

ICM097E   **Error accessing OAM for the given entity.**

Explanation: An attempt to retrieve an item from OAM encountered an error.

User response: Check the resource manager log for the OAM return code. The resource manager log is output to the SYSPRINT DD of the HTTP Server started task. Take the corrective measures and then rerun the failing operation. If the failure persists, set the trace level to 15 and contact your IBM service representative.

Source: Resource manager

ICM098E   **Prefetch XML list is incomplete.**

Explanation: A PREFETCH request was received by the resource manager and is incomplete or is incorrectly formatted.

User response: Check the resource manager log and the prefetch XML request for proper formatting. The resource manager log is output to the SYSPRINT DD of the HTTP Server started task. Then rerun the failing operation. If the failure persists, set the trace level to 15 and contact your IBM service representative.

Source: Resource manager

ICM099E   **Failure to delete resource manager tracking table entry. Check SQL return code and correct the problem.**

Explanation: An error was encountered during an attempt to delete the tracking table entry for the current transaction during end-trans processing.

User response: Check the resource manager log to locate the DB2 related error that might indicate the error that prevented the delete from the ICMRMTRK table from occurring. The resource manager log is output to the SYSPRINT DD of the HTTP Server started task. Correct the error and then rerun the failing operation. If the failure persists, set the trace level to 15 and contact your IBM service representative.

Source: Resource manager

ICM100E   **Replacement object data not found in OAM under TempOBJID.**

Explanation: Because of the absence of the temporary object data from the OAM data tables during a REPLACE operation, a failure occurred.

User response: The retrieval of the temporary object has failed because a REPLACE operation in the resource manager first creates a temporary object in OAM to hold the updated object data. The original object data is then deleted and the temporary object data is retrieved and stored under the original object ID.

Check the resource manager log to determine the cause of the error. The resource manager log is output to the SYSPRINT DD of the HTTP Server started task. Possibly, the store portion of the REPLACE operation did not complete or the temporary object has been deleted from OAM outside of IBM Content Manager. If the failure persists, set the trace level to 15 and contact your IBM service representative.

Source: Resource manager

ICM101E   **Replacement data object retrieval from OAM failed.**

Explanation: During a REPLACE operation, because of the absence of the temporary object data in the OAM data tables, a failure occurred.

User response: The retrieval of the temporary object has failed because a REPLACE operation in the resource manager first creates a temporary object in OAM to hold the updated object data. The original object data is then deleted and the temporary object data is retrieved and stored under the original object ID.

Check the resource manager log to determine the cause of the error. The resource manager log is output to the SYSPRINT DD of the HTTP Server started task. Possibly, the store portion of the REPLACE operation

did not complete or the temporary object has been deleted from OAM outside of IBM Content Manager. If the failure persists, set the trace level to 15 and contact your IBM service representative.

Source: Resource manager

ICM102E   **Replacement object data store to OAM failed.**

Explanation: An error occurred storing the temporary object to OAM.

User response: Check the resource manager log for the OAM return code and reason code for the OAM failure. The resource manager log is output to the SYSPRINT DD of the HTTP Server started task. Correct the failing operation and then rerun. If the failure persists, set the trace level to 15 and contact your IBM service representative.

Source: Resource manager

ICM103E   **ChangeSMS object attributes with OAM failed.**

Explanation: While updating the SMS information for the given object, a failure occurred.

User response: Check the resource manager log for the OAM RC and reason code. The resource manager log is output to the SYSPRINT DD of the HTTP Server started task. Correct and rerun the failing operation. If the failure persists, set the trace level to 15 and contact your IBM service representative.

Source: Resource manager

ICM104E   **DB2SUBSYSID length was 0 or greater than 4. Ensure a valid DB2SUBSYSID is provided in the ICMMRMWS configuration datamember**

Explanation: The subsystem ID is required by DB2 to be 4 characters.

User response: If the subsystem ID has fewer than 4 characters it will be padded with spaces. If it has more than 4 characters, it will be truncated. In the case of more than 4 characters, check the ICMMRMWS configuration data member to ensure that the proper value is set and then rerun the failing operation. If the failure persists, set the trace level to 15 and contact your IBM service representative.

Source: Resource manager

Descriptor code:
RC_SSID_INVALID_LENGTH_ERROR

Return code 9925 will display.

ICM105E   **DB2PLANNAME length was 0 or greater than 8. Ensure a valid DB2PLANNAME is provided in the DB2PLANNAME configuration datamember.**

Explanation: The DB2PLANNAME was less than or greater than 8 characters in length.

User response: The DB2PLANNAME must be 8 characters in length. If the value is less than 8 characters, it is padded with space. If the value is greater than 8, it is truncated. Check the ICMMRMWS configuration datamember to ensure the proper value is set and rerun the failing operation. If the failure persists, set the trace level to 15 and contact your IBM service representative.

Source: Resource manager

ICM106E   **DB2SUBSYSID label not found in ICMMRMWS configuration datamember. Verify DB2SUBSYSID label and value are not properly set in ICMMRMWS. Examples are: <DB2SUBSYSID=DB2C, DB2PLANNAME=RU04VTA>**

Explanation: The subsystem ID is required for successful operation of the resource manager.

User response: Check the ICMMRMWS datamember and ensure the values are properly set and rerun the failing operation. If the failure persists, set the trace level to 15 and contact your IBM service representative.

Source: Resource manager

ICM107W   **Processed DB2SUBSYSID was padded to ensure 4 characters in length. Verify DB2SUBSYSID label and value are not properly set in ICMMRMWS. Examples are: <DB2SUBSYSID=DB2C, DB2PLANNAME=RU04VTA>**

Explanation: Subsystem IDs must be 4 characters in length. If they are less, they will be padded with spaces.

User response: No action required.

Source: Resource manager

ICM108W   **Processed DB2PLANNAME was padded to insure 8 characters in length. Verify DB2PLANNAME is correct in ICMMRMWS. Examples are: <DB2SUBSYSID=DB2C, DB2PLANNAME=RU04VTA>**

Explanation: DB2PLANNAME must be 8 characters in length. If less than 8, it will be padded with spaces.

User response: None required.

Source: Resource manager

| ICM109E | The input DB2PLANNAME is greater than 8 characters, and has been rejected. Verify DB2PLANNAME in ICMMRMWS datamember. |

Explanation: DB2PLANNAME must be 8 characters in length. If greater it is rejected.

User response: Check the ICMMRMWS datamember and ensure that the character length is correct.

Source: Resource manager

| ICM110E | Input DB2SUBSYSID is greater than 4 characters and has been rejected. Verify DB2SUBSYSID in ICMMRMWS datamember. |

Explanation: Subsystem IDs must be 4 characters in length. If greater it is rejected.

User response: Check the ICMMRMWS datamember and ensure that the character length is correct.

Source: Resource manager

| ICM111E | DBReset failure indicates an error occurred during a CAF operation. Inspect the DSNTRACE for details. |

Explanation: An error occurred while attempting to write an entry to the resource manager tracking table.

User response: Check the resource manager log for the error code. The resource manager log is output to the SYSPRINT DD of the HTTP Server started task. Then correct and rerun the failed operation. If the failure persists set the trace level to 15 and contact your IBM service representative.

Source: Resource manager

| ICM112E | Writing entry to tracking table failed. |

Explanation: While attempting to write an entry to the resource manager replication, a failure occurred.

User response: Check the resource manager log for the DB2 error code. The resource manager log is output to the SYSPRINT DD of the HTTP Server started task. Correct and rerun the failed operation. If the failure persists set the trace level to 15 and contact your IBM service representative.

Source: Resource manager

| ICM113E | Writing entry to asynch table failed. |

Explanation: While attempting to write an entry to the asynchronous table, a failure occurred.

User response: If the failure persists, set the trace level to 15 and contact your IBM service representative.

Source: Resource manager

| ICM114E | Object already exists in target collection. Action not allowed for ChangeSMS operation. |

Explanation: This object already exists.

User response: Select a new target collection.

Source: Resource manager

| ICM115E | z/OS HTTP Server API HTTPD_read() returned a nonzero return code while attempting to read in the request entity body. |

Explanation: There might be a connection failure or any related problems between the client and HTTP server while the z/OS HTTP Server attempts to read in the request entity body.

User response: Ensure that the request entity body is complete. Also, check the resource manager log and locate the HTTP reply to determine the error. The resource manager log is output to the SYSPRINT DD of the HTTP Server started task.

Source: Resource manager

| ICM116E | z/OS HTTP Server API HTTPD_Set() returned a nonzero return code while attempting to set an environment variable. |

Explanation: The permission of the environment variable may not be set properly.

User response: Check the resource manager log and locate the HTTP reply to determine the error. The resource manager log is output to the SYSPRINT DD of the HTTP Server started task.

Source: Resource manager

| ICM117E | Content Length is 0 or not found in the entity header of a STORE request. |

Explanation: The content Length is 0 or not found in the entity header of a STORE request.

User response: Add the content length to the entity header of the STORE request if not exist. If it exists, set it to a value greater than 0.

Source: Resource manager

| ICM118W | Object ID generated does not conform to 8.6.6.4 format. |

Explanation: The Object ID generated by the resource manager does not conform to 8.6.6.4 format.

User response: Set the trace level to 15 and contact your IBM service representative.

ICM119E • ICM126E

Source: Resource manager

ICM119E   **Offset from content range is invalid or negative.**

Explanation: The offset from content range is invalid or negative.

User response: Modify the offset from the content range to a positive number.

Source: Resource manager

ICM120E   **Content range does not conform to the HTTP protocol format, for example, content-range: bytes 0-14/15.**

Explanation: The content range specified in the HTTP request does not conform to the HTTP protocol format. For example, content-range: bytes 0-14/15.

User response: If setting the content range to the allowed HTTP protocol format continues to fail, set the trace level to 15 and contact your IBM representative.

Source: Resource manager

ICM121E   **Data stream parse failure**

Explanation: Parsed input data is corrupted or not in the order expected.

User response: Check the resource manager log and locate the HTTP reply to determine the error. The resource manager log is output to the SYSPRINT DD of the HTTP Server started task.

Source: Resource manager

ICM122E   **Error reading User ID and Password.**

Explanation: An error occurred while reading the user ID and password.

User response: Verify that the name and location of the user ID and password file are correct. If the failure persists, set the trace level in the resource manager to 15, and then retry the failed operation. Check the resource manager log to determine the cause and corrective action to perform. The resource manager log is output to the SYSPRINT DD of the HTTP Server started task. If there is still a problem, check the associated product that failed, and take appropriate action. If the problem still persists, contact your IBM service representative.

Source: Resource manager

ICM123E   **Error reading User ID.**

Explanation: An error occurred while reading the user ID from the user ID and password file.

User response: Verify that the name and location of the user ID and password file are correct. If the failure persists, set the trace level in the resource manager to 15, and then retry the failed operation. Check the resource manager log to determine the cause and corrective action to perform. The resource manager log is output to the SYSPRINT DD of the HTTP Server started task. If there is still a problem, check the associated product that failed, and take appropriate action. If the problem still persists, contact your IBM service representative.

Source: Resource manager

ICM124E   **Error reading Password.**

Explanation: An error occurred while reading the password from the user ID and password file.

User response: Verify that the name and location of the user ID and password file are correct. If the failure persists, set the trace level in the resource manager to 15, and then retry the failed operation. Check the resource manager log to determine the cause and corrective action to perform. The resource manager log is output to the SYSPRINT DD of the HTTP Server started task. If there is still a problem check the associated product that failed, and take appropriate action. If the problem still persists, contact your IBM service representative.

Source: Resource manager

ICM125E   **Error reading password file.**

Explanation: An error occurred while reading password from the user ID and password file. The file has too few or too many bytes.

User response: Verify that the user ID and password file is not empty or too large. If the failure persists, set the trace level in the resource manager to 15, and then retry the failed operation. Check the resource manager log to determine the cause and corrective action to perform. The resource manager log is output to the SYSPRINT DD of the HTTP Server started task. Check the associated product that failed, and take appropriate action. If the problem persists, contact your IBM service representative.

Source: Resource manager

ICM126E   **Error opening password file.**

Explanation: An error occurred while opening the user ID and password file.

User response: Verify that the name, permission, and location of the user ID and password file are correct. If the failure persists, set the trace level in the resource manager to 15 and then retry the failed operation. Check the resource manager log to determine the cause and corrective action to perform. The resource manager log is output to the SYSPRINT DD of the HTTP Server started task. If the failure persists, check the associated product that failed, and take appropriate action. If the

problem persists, contact your IBM service representative.

Source: Resource manager

ICM127E **Error, the requested range is greater than the parsed object size.**

Explanation: The requested content range is greater than the parsed object size.

User response: Set the trace level in the resource manager to 15, and then retry the failed operation. Check the resource manager log to determine the cause and corrective action to perform. The resource manager log is output to the SYSPRINT DD of the HTTP Server started task. If the failure persists, check the associated product that failed, and take appropriate action. If the problem persists, contact your IBM service representative.

Source: Resource manager

ICM128E **Error, the parsed object size is not equal to the actual size of the object stored.**

Explanation: The parsed object size from the content range in the request is not equal to the actual size of the object stored.

User response: Set the trace level in the resource manager to 15, and then retry the failed operation. Check the resource manager log to determine the cause and corrective action to perform. The resource manager log is output to the SYSPRINT DD of the HTTP Server started task. If the failure persists, check the associated product that failed, and take appropriate action. If the problem persists, contact your IBM service representative.

Source: Resource manager

ICM129E **DB2 SSID is made up of spaces.**

Explanation: The DB2 subsystem ID is made up of spaces.

User response: Verify that the subsystem ID in the envvars file is not blank. If the failure persists, set the trace level in the resource manager to 15 and then retry the failed operation. Check the resource manager log to determine the cause and corrective action to perform. The resource manager log is output to the SYSPRINT DD of the HTTP Server started task. If the failure persists, check the associated product that failed, and take appropriate action. If the problem persists, contact your IBM service representative.

Source: Resource manager

ICM130W **Processed subsystem ID was padded to ensure 4 characters in length. Verify subsystem ID in the Async JCL job is correct.**

Explanation: Processed subsystem ID was padded to ensure 4 characters in length. Verify the subsystem ID in the Async JCL job is correct.

User response: Verify that the subsystem ID in the Async JCL job is correct.

Source: Resource manager

ICM131E **Subsystem ID length was 0 or greater than 0 characters. Ensure a valid subsystem ID is provided in the Async JCL job.**

Explanation: Subsystem ID length was 0 or greater than 0 characters.

User response: Ensure a valid subsystem ID is provided in the Async JCL job.

Source: Resource manager

ICM132E **A call to a stored procedure has returned a nonzero return code. Inspect the log file generated by the library server for more details.**

Explanation: A call to a stored procedure has returned a nonzero return code.

User response: Inspect the log file generated by the library server for more details. If the failure persists, set the trace level to 15 and contact your IBM service representative.

Source: Resource manager

ICM133E **An EXEC SQL CONNECT to the remote library server database failed. See the SQL code for more information.**

Explanation: An EXEC SQL CONNECT to the remote library server database failed.

User response: See the SQL code for more information. If the failure persists, set the trace level in the resource manager to 15, and then retry the failed operation. Check the resource manager log to determine the cause and corrective action to perform. The resource manager log is output to the SYSPRINT DD of the HTTP Server started task. If there is still a problem, check the associated product that failed, and take appropriate action. If the problem still persists, contact your IBM service representative.

Source: Resource manager

ICM134E   **Plan name is made up of spaces.**

Explanation: The plan name is made up of spaces.

User response: Make sure that the plan name is valid.

Source: Resource manager

ICM135W   **Processed subsystem ID was padded to ensure 4 characters in length. Verify that the subsystem ID environment variable in the httpd.envars file is correct.**

Explanation: The processed subsystem ID was padded to ensure 4 in length.

User response: Verify that the subsystem ID environment variable in the httpd.envars file is correct.

Source: Resource manager

ICM0136W   **Processed DB2 plan name was padded to ensure 8 characters in length. Verify that the plan name in the envvars file is correct.**

Explanation: Processed plan name was padded to ensure 8 characters in length.

User response: Verify that the plan name in the envvars file is correct.

Source: Resource manager

ICM137W   **An attempt was made to read the DB2SubSysID environment variable from the `httpd.envvars` file and was not found or invalid. Ensure that the value has been set correctly. Attempting to read the value from the ICMMRMWS dataset. Subsystem ID: % Plan Name: %.**

Explanation: The subsystem ID envvar was not defined, or has a length of 0.

This message is a Warning and not an Error because the resource manager attempts to read the value from the ICMMRMWS dataset next. If that attempt succeeds, then the DB2 Subsystem ID and Plan Name is printed.

Remember: This Warning message cannot be suppressed. It is logged regardless of the trace level specified.

User response: Make sure that a valid subsystem ID is provided in the envvars file.

Source: Resource manager

ICM138W   **An attempt was made to read the DB2 Plan Name environment variable from the `httpd.envvars` file and was not found or not valid. Ensure that the value has been set correctly. Attempting to read the value from the ICMMRMWS dataset. Subsystem ID: % Plan Name: %.**

Explanation: The plan name envvar was not defined, or has length 0.

This message is a Warning and not an Error because the resource manager attempts to read the value from the ICMMRMWS dataset next. If that attempt succeeds, then the DB2 Subsystem ID and Plan Name is printed.

User response: Make sure that a valid plan name is provided in the envvars file.

Source: Resource manager

ICM139W   **OAM Warning.**

Explanation: OAM has taken a default action.

User response: If no other error occurs, ignore this warning. If any errors occur following the OAM warning, set the trace level to 15, and contact your IBM service representative.

Source: Resource manager

ICM140E   **Failed to get socket descriptor.**

Explanation: The z/OS asynchronous replicator failed to connect to the target resource manager due to a socket descriptor error.

User response: Make sure that the target resource manager is up and running. If the failure persist, set the trace level in the resource manager to 15, and then retry the failed operation. Check the resource manager log to determine the cause and corrective action to perform. The resource manager log is output to the SYSPRINT DD of the HTTP Server started task. If there is still a problem, check the associated product that failed, and take appropriate action. If the problem still persists, contact your IBM service representative.

Source: Resource manager

ICM141E   **Malloc of the Tivoli Storage Manager error message area failed.**

Explanation: While attempting to allocate memory for Tivoli® Storage Manager error message area, a failure occurred. This failure generally occurs when system memory is not sufficient to handle the storage request.

User response: Ensure that the environment where the resource manager is installed has sufficient memory and is compliant with the basic minimum hardware prerequisites. If the problem persists, contact your IBM service representative.

Source: Resource manager

ICM142E **Error encountered while sending data stream to TSM server.**

Explanation: Error encountered while sending data stream to Tivoli Storage Manager server.

User response: Set the trace level in the ICMRMCONTROL table to 15 and run the failing scenario again. If the failure persists, then collect your resource manager log and contact your IBM service representative. The resource manager log is output to the SYSPRINT DD of the HTTP Server started task.

Source: Resource manager

ICM143E **Malloc of TSM send buffer failed.**

Explanation: Malloc of Tivoli Storage Manager send buffer failed.

User response: Ensure that the environment where the resource manager is installed has sufficient memory and is compliant with the basic minimum hardware prerequisites. If the problem persists, contact your IBM service representative.

Source: Resource manager

ICM144E **Error encountered while streaming successive data to TSM server.**

Explanation: Error encountered while streaming successive data to Tivoli Storage Manager server.

User response: Set the trace level in the ICMRMCONTROL table to 15 and run the failing scenario again. If the failure persists, then collect your resource manager log and contact your IBM service representative.

Source: Resource manager

ICM145E **Current APIs do not support multithreaded processing. Upgrade APIs.**

Explanation: Current Tivoli Storage Manager APIs do not support multithreaded processing.

User response: Upgrade APIs to the required level.

Source: Resource manager

ICM146E **Call to TSM_Init() failed. Inpsect Tivoli Storage Manager return and reason codes for possible corrective actions.**

Explanation: While attempting to initialize a Tivoli Storage Manager session, a failure occurred.

User response: Set the trace level in the ICMRMCONTROL table to 15 and run the failing scenario again. Inspect Tivoli Storage Manager return

and reason codes for possible corrective actions. If the problem persists, contact your IBM service representative.

Source: Resource manager

ICM147E **Call to TSM_ManageFileSpace() failed. Inspect TSM return and reason codes for possible corrective actions.**

Explanation: While attempting to manage Tivoli Storage Manager filespace, a failure occurred.

User response: Set the trace level in the ICMRMCONTROL table to 15 and run the failing scenario again. Inspect Tivoli Storage Manager return and reason codes for possible corrective actions. If the problem persists, contact your IBM service representative.

Source: Resource manager

ICM148E **Call to TSM_BindMgmtClass() failed. Inspect TSM return and reason codes for possible corrective actions.**

Explanation: While attempting to bind Tivoli Storage Manager management class, a failure occurred.

User response: Set the trace level in the ICMRMCONTROL table to 15 and run the failing scenario again. Inspect Tivoli Storage Manager return and reason codes for possible corrective actions. If the problem persists, contact your IBM service representative.

Source: Resource manager

ICM149E **Call to TSM_BeginTX() failed. Inspect TSM return and reason codes for possible corrective actions.**

Explanation: While attempting to begin Tivoli Storage Manager transaction, a failure occurred.

User response: Set the trace level in the ICMRMCONTROL table to 15 and run the failing scenario again. Inspect Tivoli Storage Manager return and reason codes for possible corrective actions. If the problem persists, contact your IBM service representative.

Source: Resource manager

ICM150E **Call to TSM_Store() failed. Inspect TSM return and reason codes for possible corrective actions.**

Explanation: While attempting to Tivoli Storage Manager store, a failure occurred.

User response: Set the trace level in the ICMRMCONTROL table to 15 and run the failing scenario again. Inspect Tivoli Storage Manager return

and reason codes for possible corrective actions. If the problem persists, contact your IBM service representative.

Source: Resource manager

ICM151E　　**Call to TSM_EndTran() failed. Inspect TSM return and reason codes for possible corrective actions.**

Explanation: While attempting to end Tivoli Storage Manager transaction, a failure occurred.

User response: Set the trace level in the ICMRMCONTROL table to 15 and run the failing scenario again. Inspect Tivoli Storage Manager return and reason codes for possible corrective actions. If the problem persists, contact your IBM service representative.

Source: Resource manager

ICM152E　　**Call to TSM_QuerySMS() failed. Inspect TSM return and reason codes for possible corrective actions.**

Explanation: While attempting to query Tivoli Storage Manager, a failure occurred.

User response: Set the trace level in the ICMRMCONTROL table to 15 and run the failing scenario again. Inspect Tivoli Storage Manager return and reason codes for possible corrective actions. If the problem persists, contact your IBM service representative.

Source: Resource manager

ICM153E　　**Malloc of TSM filespace buffer failed.**

Explanation: While attempting to allocate memory for Tivoli Storage Manager filespace buffer, a failure occurred. This failure generally occurs when system memory is not sufficient to handle the storage request.

User response: Ensure that the environment where the resource manager is installed has sufficient memory and is compliant with the basic minimum hardware prerequisites. If the problem persists, contact your IBM service representative.

Source: Resource manager

ICM154E　　**Malloc of the TSM query buffer area failed.**

Explanation: While attempting to allocate memory for Tivoli Storage Manager query buffer, a failure occurred. This failure generally occurs when system memory is not sufficient to handle the storage request.

User response: Ensure that the environment where the resource manager is installed has sufficient memory and is compliant with the basic minimum hardware

prerequisites. If the problem persists, contact your IBM service representative.

Source: Resource manager

ICM155E　　**Malloc of the TSM retrieve buffer area failed.**

Explanation: While attempting to allocate memory for Tivoli Storage Manager retrieve buffer, a failure occurred. This failure generally occurs when system memory is not sufficient to handle the storage request.

User response: Ensure that the environment where the resource manager is installed has sufficient memory and is compliant with the basic minimum hardware prerequisites. If the problem persists, contact your IBM service representative.

Source: Resource manager

ICM156E　　**Error encountered while attempting to retrieve data from the TSM server.**

Explanation: While preparing to retrieve data from the Tivoli Storage Manager server, a failure occurred.

User response: Set the trace level in the ICMRMCONTROL table to 15 and run the failing scenario again. Inspect Tivoli Storage Manager return and reason codes for possible corrective actions. If the problem persists, contact your IBM service representative.

Source: Resource manager

ICM157E　　**Error encountered while attempting to end the data from the TSM server.**

Explanation: While attempting to end the data transfer from the Tivoli Storage Manager server, a failure occurred.

User response: Set the trace level in the ICMRMCONTROL table to 15 and run the failing scenario again. Inspect Tivoli Storage Manager return and reason codes for possible corrective actions. If the problem persists, contact your IBM service representative.

Source: Resource manager

ICM158E　　**Error encountered while attempting to read information from the TSM control tables.**

Explanation: While attempting to read information from the Tivoli Storage Manager control tables, a failure occurred.

User response: Set the trace level in the ICMRMCONTROL table to 15 and run the failing scenario again. If the problem persists, contact your IBM service representative.

Source: Resource manager

ICM159E **Error encountered while attempting to get data from the TSM server.**

Explanation: While attempting to retrieve data from Tivoli Storage Manager server, a failure occurred.

User response: Set the trace level in the ICMRMCONTROL table to 15 and run the failing scenario again. Inspect Tivoli Storage Manager return and reason codes for possible corrective actions. If the problem persists, contact your IBM service representative.

Source: Resource manager

ICM160E **Error encountered while attempting to get data from the TSM server.**

Explanation: While attempting to retrieve object from Tivoli Storage Manager server, a failure occurred.

User response: Set the trace level in the ICMRMCONTROL table to 15 and run the failing scenario again. Inspect Tivoli Storage Manager return and reason codes for possible corrective actions. If the problem persists, contact your IBM service representative.

Source: Resource manager

ICM161E **Error encountered while attempting to end the retrieve of data from the TSM server.**

Explanation: While attempting to end data retrieve from Tivoli Storage Manager server, a failure occurred.

User response: Set the trace level in the ICMRMCONTROL table to 15 and run the failing scenario again. Inspect Tivoli Storage Manager return and reason codes for possible corrective actions. If the problem persists, contact your IBM service representative.

Source: Resource manager

ICM162E **Call to TSM_Terminate() failed. Inspect TSM return and reason codes for possible corrective actions.**

Explanation: While attempting to terminate the Tivoli Storage Manager session, a failure occurred.

User response: Set the trace level in the ICMRMCONTROL table to 15 and run the failing scenario again. Inspect Tivoli Storage Manager return and reason codes for possible corrective actions. If the problem persists, contact your IBM service representative.

Source: Resource manager

ICM163E **Call to TSM_Cleanup() failed. Inspect TSM return and reason codes for possible corrective actions.**

Explanation: While attempting to cleanup the Tivoli Storage Manager session, a failure occurred.

User response: Set the trace level in the ICMRMCONTROL table to 15 and run the failing scenario again. Inspect Tivoli Storage Manager return and reason codes for possible corrective actions. If the problem persists, contact your IBM service representative.

Source: Resource manager

ICM164E **Error encountered while attempting to register the filespace with the TSM server.**

Explanation: While attempting to register the Tivoli Storage Manager filespace, a failure occurred.

User response: Set the trace level in the ICMRMCONTROL table to 15 and run the failing scenario again. Inspect Tivoli Storage Manager return and reason codes for possible corrective actions. If the problem persists, contact your IBM service representative.

Source: Resource manager

ICM165E **Error encountered while attempting to begin transaction with the TSM server.**

Explanation: While attempting to begin Tivoli Storage Manager transaction, a failure occurred.

User response: Set the trace level in the ICMRMCONTROL table to 15 and run the failing scenario again. Inspect Tivoli Storage Manager return and reason codes for possible corrective actions. If the problem persists, contact your IBM service representative.

Source: Resource manager

ICM166E **Error encountered while attempting to bind management class with the TSM server.**

Explanation: While attempting to begin Tivoli Storage Manager transaction, a failure occurred.

User response: Set the trace level in the ICMRMCONTROL table to 15 and run the failing scenario again. Inspect Tivoli Storage Manager return and reason codes for possible corrective actions. If the problem persists, contact your IBM service representative.

Source: Resource manager

ICM167E Error encountered while attempting to begin query with the TSM server.

Explanation: While attempting to begin Tivoli Storage Manager query, a failure occurred.

User response: Set the trace level in the ICMRMCONTROL table to 15 and run the failing scenario again. Inspect Tivoli Storage Manager return and reason codes for possible corrective actions. If the problem persists, contact your IBM service representative.

Source: Resource manager

ICM168E Error encountered while attempting to get next object from the TSM server.

Explanation: While attempting to retrieve next object in Tivoli Storage Manager server, a failure occurred.

User response: Set the trace level in the ICMRMCONTROL table to 15 and run the failing scenario again. Inspect Tivoli Storage Manager return and reason codes for possible corrective actions. If the problem persists, contact your IBM service representative.

Source: Resource manager

ICM169E Error encountered while attempting to end query with the TSM server.

Explanation: While attempting to end query Tivoli Storage Manager server, a failure occurred.

User response: Set the trace level in the ICMRMCONTROL table to 15 and run the failing scenario again. Inspect Tivoli Storage Manager return and reason codes for possible corrective actions. If the problem persists, contact your IBM service representative.

Source: Resource manager

ICM170E Error encountered while attempting to cleanup session with the TSM server.

Explanation: While attempting to clean up Tivoli Storage Manager session, a failure occurred.

User response: Set the trace level in the ICMRMCONTROL table to 15 and run the failing scenario again. Inspect Tivoli Storage Manager return and reason codes for possible corrective actions. If the problem persists, contact your IBM service representative.

Source: Resource manager

ICM171E Error encountered while attempting to terminate session with TSM server.

Explanation: While attempting to terminate the session with Tivoli Storage Manager server, a failure occurred.

User response: Set the trace level in the ICMRMCONTROL table to 15 and run the failing scenario again. Inspect Tivoli Storage Manager return and reason codes for possible corrective actions. If the problem persists, contact your IBM service representative.

Source: Resource manager

ICM172E Error encountered while attempting to end the transaction with TSM server.

Explanation: While attempting to end the transaction with Tivoli Storage Manager server, a failure occurred.

User response: Set the trace level in the ICMRMCONTROL table to 15 and run the failing scenario again. Inspect Tivoli Storage Manager return and reason codes for possible corrective actions. If the problem persists, contact your IBM service representative.

Source: Resource manager

ICM173E Call to TSM_APIVersion() failed. Inspect TSM return and reason codes for possible corrective actions.

Explanation: While attempting to verify Tivoli Storage Manager API version, a failure occurred.

User response: Set the trace level in the ICMRMCONTROL table to 15 and run the failing scenario again. Inspect Tivoli Storage Manager return and reason codes for possible corrective actions. If the problem persists, contact your IBM service representative.

Source: Resource manager

ICM174E Query of object failed. Inspect the TSM return code for more information.

Explanation: While attempting to query Tivoli Storage Manager object, a failure occurred.

User response: Set the trace level in the ICMRMCONTROL table to 15 and run the failing scenario again. Inspect Tivoli Storage Manager return and reason codes for more information. If the problem persists, contact your IBM service representative.

Source: Resource manager

ICM175E   **Call to TSM_Delete() failed. Inspect TSM return and reason codes for possible corrective actions.**

Explanation: While attempting to delete data from Tivoli Storage Manager server, a failure occurred.

User response: Set the trace level in the ICMRMCONTROL table to 15 and run the failing scenario again. Inspect Tivoli Storage Manager return and reason codes for more information. If the problem persists, contact your IBM service representative.

Source: Resource manager

ICM176E   **Call to TSM_RetrieveObject(). Inpsect TSM return and reason codes for possible corrective actions.**

Explanation: While attempting to retrieve object from Tivoli Storage Manager server, a failure occurred.

User response: Set the trace level in the ICMRMCONTROL table to 15 and run the failing scenario again. Inspect Tivoli Storage Manager return and reason codes for more information. If the problem persists, contact your IBM service representative.

Source: Resource manager

ICM177E   **Call to TSM_StoreObject(). Inpsect TSM return and reason codes for possible corrective actions.**

Explanation: While attempting to store object to Tivoli Storage Manager server, a failure occurred.

User response: Set the trace level in the ICMRMCONTROL table to 15 and run the failing scenario again. Inspect Tivoli Storage Manager return and reason codes for possible corrective actions. If the problem persists, contact your IBM service representative.

Source: Resource manager

ICM178E   **A CHANGESMS order was requested in which the target collection is the same as the source.**

Explanation: The ChangeSMS order was requested in which the target collection is the same as the source.

User response: Ensure that the source and target collection for the ChangeSMS order is not the same and run the scenario again. If the problem persists, set the trace level in the ICMRMCONTROL table to 15. Then, rerun the failing scenario again. Contact your IBM service representative if the problem still continures.

Source: Resource manager

ICM179E   **Input collection is not a valid TSM collection. Assuming valid OAM collection.nIf a TSM operation was intended ensure collection name is defined in the Resource Manager \ndatabase table ICMRMCOLLECTION.**

Explanation: Input collection is not a valid Tivoli Storage Manager collection. Assuming valid OAM collection.

User response: If a Tivoli Storage Manager operation was intended, ensure the collection name is defined in the resource manager database table ICMRMCOLLECTION.

Source: Resource manager

ICM180E   **Call to TSM_Setup() failed. Inspect TSM return and reason codes for possible corrective actions.**

Explanation: While attempting to set up the multithreading environment of the Tivoli Storage Manager interface, an error occurred.

User response: Set the trace level in the ICMRMCONTROL table to 15 and run the failing scenario again. Inspect Tivoli Storage Manager return and reason codes for possible corrective actions. If the problem persists, contact your IBM service representative.

Source: Resource manager

ICM181E   **An attempt has been made to update the content of an archive object on a Tivoli Storage Manager server configured in for data retention. Such updates are not allowed as archive objects are read-only.**

Explanation: An attempt has been made to update the content of an archive object on a Tivoli Storage Manager server configured for data retention. Such updates are not allowed because archive objects are read-only.

User response: Do not update the content of an archive object on a Tivoli Storage Manager server configured for data retention.

Source: Resource manager

ICM182E   **Failure during object ID generation.**

Explanation: While attempting to generate object ID, a failure occurred.

User response: Set the trace level in the ICMRMCONTROL table to 15 and run the failing scenario again. If the problem persists, contact your IBM service representative.

Source: Resource manager

ICM183E   **An attempt has been made to change the collection of an archive object on a Tivoli Storage Manager server configured for data retention. Such updates are not allowed as archive objects are read-only.**

Explanation: An attempt has been made to change the collection of an archive object on a Tivoli Storage Manager server configured for data retention. Such updates are not allowed because archive objects are read-only.

User response: Do not change the collection of an archive object on a Tivoli Storage Manager server configured for data retention.

Source: Resource manager

ICM184E   **An attempt has been made to initiate a TSM event which has failed. Inspect the TSM error and correct.**

Explanation: While attempting to initiate a Tivoli Storage Manager event which has failed, a failure occurred.

User response: Set the trace level in the ICMRMCONTROL table to 15 and run the failing scenario again. Inspect Tivoli Storage Manager return and reason codes for possible corrective actions. If the problem persists, contact your IBM service representative.

Source: Resource manager

ICM185E   **An error was encountered during a replace operation. Inspect the logs for possible TSM codes which suggest corrective action.**

Explanation: While attempting to replace object in Tivoli Storage Manager server, a failure occurred.

User response: Set the trace level in the ICMRMCONTROL table to 15 and run the failing scenario again. Inspect Tivoli Storage Manager return and reason codes for possible corrective actions. If the problem persists, contact your IBM service representative.

Source: Resource manager

ICM186E   **An error was encountered during a change SMS operation. Inspect the logs for possible TSM codes which suggest corrective action.**

Explanation: An error was encountered during a ChangeSMS operation.

User response: Set the trace level in the

ICMRMCONTROL table to 15 and run the failing scenario again. Inspect Tivoli Storage Manager return and reason codes for possible corrective actions. If the problem persists, contact your IBM service representative.

Source: Resource manager

ICM187E   **An error occured during a TSM STORE rollback. Inspect the logs for possible TSM codes which suggest corrective action.**

Explanation: An error was encountered during a store rollback operation.

User response: Set the trace level in the ICMRMCONTROL table to 15 and run the failing scenario again. Inspect Tivoli Storage Manager return and reason codes for possible corrective actions. If the problem persists, contact your IBM service representative.

Source: Resource manager

ICM188E   **An error occured during a TSM REPLACE commit. Inspect the logs for possible TSM codes which suggest corrective action.**

Explanation: An error occurred while attempting to commit a replace operation.

User response: Set the trace level in the ICMRMCONTROL table to 15 and run the failing scenario again. Inspect Tivoli Storage Manager return and reason codes for possible corrective actions. If the problem persists, contact your IBM service representative.

Source: Resource manager

ICM189E   **An error occurred during a TSM REPLACE rollback. Inspect the logs for possible TSM codes which suggest corrective action.**

Explanation: An error occurred while attempting to roll back a replace operation.

User response: Set the trace level in the ICMRMCONTROL table to 15 and run the failing scenario again. Inspect Tivoli Storage Manager return and reason codes for possible corrective actions. If the problem persists, contact your IBM service representative.

Source: Resource manager

ICM190E   **An error occurred during a TSM CHANGESMS commit. Inspect the logs for possible TSM codes which suggest corrective action.**

Explanation: An error occurred while attempting to commit a ChangeSMS operation.

User response: Set the trace level in the ICMRMCONTROL table to 15 and run the failing scenario again. Inspect Tivoli Storage Manager return and reason codes for possible corrective actions. If the problem persists, contact your IBM service representative.

Source: Resource manager

ICM191E   **An error occurred during a TSM CHANGESMS rollback. Inspect the logs for possible TSM codes which suggest corrective action.**

Explanation: An error occurred while attempting to roll back a ChangeSMS operation.

User response: Set the trace level in the ICMRMCONTROL table to 15 and run the failing scenario again. Inspect Tivoli Storage Manager return and reason codes for possible corrective actions. If the problem persists, contact your IBM service representative.

Source: Resource manager

ICM192E   **An error occurred during a TSM PREFETCH rollback. Inspect the logs for possible TSM codes which suggest corrective action.**

Explanation: An error occurred while attempting to roll back a prefetch operation.

User response: Set the trace level in the ICMRMCONTROL table to 15 and run the failing scenario again. Inspect Tivoli Storage Manager return and reason codes for possible corrective actions. If the problem persists, contact your IBM service representative.

Source: Resource manager

ICM193E   **An error occurred during an attempt to remove a prefetched item's row in the ICMRMPREFETCH table.**

Explanation: An error occurred during an attempt to remove a prefetched item's row in the ICMRMPREFETCH table.

User response: Set the trace level in the ICMRMCONTROL table to 15 and run the failing scenario again. Inspect return and reason codes for possible corrective actions. If the problem persists, contact your IBM service representative.

Source: Resource manager

ICM194E   **Error encountered while attempting to read information from the resource manager control tables.**

Explanation: An error occurred during an attempt to read the resource manager control table.

User response: Set the trace level in the ICMRMCONTROL table to 15 and run the failing scenario again. Inspect return and reason codes for possible corrective actions. If the problem persists, contact your IBM service representative.

Source: Resource manager

ICM195E   **Error encountered while attempting to query TSM Server for an object. Object not found.**

Explanation: Attempting to query Tivoli Storage Manager server for an object failed because the object was not found.

User response: Set the trace level in the ICMRMCONTROL table to 15 and run the failing scenario again. Inspect Tivoli Storage Manager return and reason codes for possible corrective actions. If the problem persists, contact your IBM service representative.

Source: Resource manager

ICM196E   **CAF Connect error.**

Explanation: While attempting to perform CAF connect, a failure occurred.

User response: Set the trace level in the ICMRMCONTROL table to 15 and run the failing scenario again. Inspect return and reason codes for possible corrective actions. If the problem persists, contact your IBM service representative.

Source: Resource manager

ICM197E   **An error occurred during an OAM CHANGESMS commit. Inspect the logs for possible TSM codes which suggest corrective action.**

Explanation: While attempting to change collection of the object stored in OAM, a failure occurred.

User response: Set the trace level in the ICMRMCONTROL table to 15 and run the failing scenario again. Inspect return and reason codes for possible corrective actions. If the problem persists, contact your IBM service representative.

Source: Resource manager

ICM198E   Invalid sStatus Commit or Rollforward Rollback code.

Explanation: The status code for rollforward or rollback used by the Tivoli Storage Manager asynchronous recovery job is invalid.

User response: Set the trace level in the Tivoli Storage Manager asynchronous recovery job to 15 and run the failing scenario again. Inspect return and reason codes for possible corrective actions. If the problem persists, contact your IBM service representative.

Source: Resource manager

ICM199E   Error occurred while processing tracking table records from the library server.

Explanation: While processing tracking table records from the library server, the Tivoli Storage Manager asynchronous recovery job encountered an error.

User response: Set the trace level in the Tivoli Storage Manager asynchronous recovery job to 15 and run the failing scenario again. Inspect return and reason codes for possible corrective actions. If the problem persists, contact your IBM service representative.

Source: Resource manager

ICM200E   Error occurred while processing resource manager tracking table entry updates.

Explanation: While processing tracking table records from the resource manager, the Tivoli Storage Manager asynchronous recovery job encountered an error.

User response: Set the trace level in the Tivoli Storage Manager asynchronous recovery job to 15 and run the failing scenario again. Inspect return and reason codes for possible corrective actions. If the problem persists, contact your IBM service representative.

Source: Resource manager

ICM201E   One or more of the OAM buffers failed to initialize.

Explanation: One or more of the OAM buffers failed to initialize.

User response: Set the trace level in the ICMRMCONTROL table to 15 and run the failing scenario again. Inspect return and reason codes for possible corrective actions. If the problem persists, contact your IBM service representative.

Source: Resource manager

ICM210E   The '%s' file could not be opened.

Explanation: The file might have a misspelled name or there could be a permission problem.

User response: Ensure that the DD name specified in the JCL is correct. If permissions are not sufficient, grant them.

Source: Resource manager

ICM211E   The time format '%s' is not valid.

Explanation: The time format is 24-hour HH:MM.

User response: Ensure that the time format is valid.

Source: Resource manager

ICM212E   The parsing of the logging configuration for the requested XML failed.

Explanation: The XML document could not be parsed.

User response: Set the TRACELEVEL attribute in the system control table ICMRMCONTROL to 15 to enable all levels of diagnostic trace, and then rerun the operation. After the operation completes, check the resource manager log for diagnostic information that might help you correct the error. The resource manager log is output to the SYSPRINT DD of the HTTP Server started task. If that diagnostic information does not provide enough help, contact IBM software support.

Source: Resource manager

ICM213E   The logging configuration for the requested component was not updated.

Explanation: No further explanation is required.

User response: Set the TRACELEVEL attribute in the system control table ICMRMCONTROL to 15 to enable all levels of diagnostic trace, and then rerun the operation. After the operation completes, check the resource manager log for diagnostic information that might help you correct the error. The resource manager log is output to the SYSPRINT DD of the HTTP Server started task. If that diagnostic information does not provide enough help, contact IBM software support.

Source: Resource manager

ICM214E   The logging configuration for the requested component was not obtained.

Explanation: No further explanation is required.

User response: Set the TRACELEVEL attribute in the system control table ICMRMCONTROL to 15 to enable all levels of diagnostic trace, and then rerun the operation. After the operation completes, check the resource manager log for diagnostic information that might help you correct the error. The resource manager log is output to the SYSPRINT DD of the HTTP Server

started task. If that diagnostic information does not provide enough help, contact IBM software support.

Source: Resource manager

ICM215E   **This version of the resource manager does not support logging configuration requests from the System Administrator client.**

Explanation: Logging configuration using the System Administrator client is only compatible with a version of the resource manager on z/OS that is Version 8.4.2 or later.

User response: To set the logging level for the resource manager on z/OS that is earlier than Version 8.4.2, you must manually set the trace level in the ICMRMCONTROL table.

Source: Resource manager

ICM216E   **The (%ld) Collection List is too long, The maximum supported length is %ld.**

Explanation: A Collection List cannot be longer than the supported length.

User response: Ensure that the Collection List is not longer than the supported length. This argument is optional. You have the option to "NONE" to omit it.

Source: Resource manager

ICM217E   **The parse of the user exit configuration XML request failed.**

Explanation: The XML request containing the order to configure or query a user exit name could not be properly parsed, or invalid values were found.

User response: On the resource manager on z/OS log in DEBUG mode, the received XML is printed. On the client API dklog, the sent XML is printed as well. Ensure that there are no encoding or transmission issues between the API and the resource manager on the z/OS server. Otherwise, this may signal an internal error or a mismatch level between the API and the resource manager on z/OS.

Check the resource manager log for additional information. The resource manager log is output to the SYSPRINT DD of the HTTP Server started task. Make sure that the API is at a compatible release level.

Source: Resource manager

ICM218E   **An update of a user exit name failed.**

Explanation: An error occurred while trying to update the resource manager on z/OS control table.

User response: Check the SQL error code in the resource manager on z/OS log and address the DB2 issue. The resource manager log is output to the

SYSPRINT DD of the HTTP Server started task.

Source: Resource manager

ICM219E   **The load for the user exit <exit name> failed.**

Explanation: An operating system error occurred when the resource manager on z/OS attempted to load the user exit <exit name>.

User response: Ensure that the correct user exit name was specified, and that the named module is in the SYSLIB or JOBLIB concatenation. Also check that the user under which the resource manager on z/OS is running has the appropriate permissions to load it, and that it does not contain a main procedure.

Source: Resource manager

ICM220W   **WTO Level '%' rejected. Supported levels are: 0=NONE, 1=ALL, 2=ERROR-ONLY.**

Explanation: A WTO Level value that is not supported was requested.

User response: Ensure that a supported WTO Level is requested: 0 = NONE, 1 = ALL, 2 = ONLY ERRORs.

Source: Resource manager

Content Manager for z/OS high-volume batch utility messages

These messages describe problems and possible solutions for the Content Manager for z/OS high-volume batch utility.

ICMBL001E   The user ID is not defined in Content Manager for z/OS.

Explanation: The ICMMBLJ1 job was submitted, but the user ID is not defined in Content Manager for z/OS.

User response: Use the System Administration client **User Properties** > **Define Users** to define the user ID of the ICMMBLJ1 job with a **Maximum privilege set** that includes the ClientImport privilege in the Content Manager for z/OS library server.

Source: High-volume batch utility

ICMBL002E   The user ID that is running the job does not have ClientImport privilege.

Explanation: To submit a high-volume batch load job, the user ID running the job needs the ClientImport privilege.

User response: Use the System Administration client **User Properties** > **Define Users** > **Create Privilege Set** to define the user ID with a maximum privilege set that includes the ClientImport privilege in the Content Manager for z/OS library server.

Source: High-volume batch utility

ICMBL009E   The hierarchical item type %s is not supported.

Explanation: In Content Manager for z/OS a hierarchical item type cannot be used for the high volume batch loader or batch update utility.

User response: In Content Manager for z/OS you can only pass in nonhierarchical item types to the high volume batch loader or batch update utility.

Source: High-volume batch utility

ICMBL010E   The *parameter_name* parameter is not supported.

Explanation: The USERIN or CTLDATA input data file contained a parameter that is not supported by the high-volume batch load utility.

User response: To see a list of supported parameters, see the *Planning and Installing Your Content Management System for z/OS* (GC18-7698).

Source: High-volume batch utility

ICMBL011E   The *parameter_name* parameter with a value of *variable* is not valid.

Explanation: The USERIN or CTLDATA input data file contained a parameter value that is not supported by the high-volume batch load utility.

User response: Edit the input data file to specify a valid parameter and value. See the *Planning and Installing Your Content Management System for z/OS* guide (GC18-7698) to determine a correct value.

Source: High-volume batch utility

ICMBL012E   The *variable* value given for the *parameter_name* parameter is not valid.

Explanation: The USERIN or CTLDATA input data file contained a *variable* value that is not defined in Content Manager for z/OS.

User response: Enter a valid parameter and value. Use the System Administration client to determine the correct value.

Source: High-volume batch utility

ICMBL013E   The ADDFIELD parameter with a value of <value> is not supported. The following is a list of supported values:

Explanation: No further explanation is required.

User response: Change the value of the **ADDFIELD**=<value> and try again.

Source: High-volume batch utility

ICMBL014E   The linking attribute <attribute name> specified in the LINKATTR parameter is not a common attribute of the root component of the source and target item types.

Explanation: The LINKATTR parameter is not valid.

User response: Correct the value of the **LINKATTR** parameter and try again.

Source: High-volume batch utility

ICMBL015E   The CCSID parameter with a value of U is not valid. The CCSID parameter of database <database name> is not UNICODE.

Explanation: The library server database CCSID is not UNICODE.

User response: Remove the option CCSID=U from USERIN.

Source: High-volume batch utility

ICMBL016E **The batch load program was generated with CCSID=U to load the UNICODE user attribute data from input. The CCSID of database <database name> is not UNICODE.**

Explanation: The batch load program was generated for a UNICODE database. You cannot run the batch load job to load unicode data to a EBCDIC database.

User response: Regenerate the batch load program using the correct database.

Source: High-volume batch utility

ICMBL017W **Tables skipped for LINK FROM <document component table> to <folder component table> with CREATEFOLDER=Y. No value assigned to <attribute name>. Cannot create folder in <folder component table>.**

Explanation: The pair of tables <document component table>, <folder component table> is skipped for the LINK function with option CREATEFOLDER=Y because the attribute <attribute name> is required for the <folder component table> but there is no value assigned to it. The batch utility cannot create a folder if the folder does not exist. The batch utility will continue to process other eligible pairs of tables.

User response: None if the pair <document component table>, <folder component table> should be skipped. Otherwise, run the batch update job with the correct **LINK** command or option CREATEFOLDER=N to link items in <document component table> to folders in the <folder component table>.

Source: High-volume batch utility

ICMBL018W **Tables skipped for LINK FROM <document component table> to <folder component table> with CREATEFOLDER=Y. No value assigned to <attribute name>. Cannot create a folder in <folder component table>.**

Explanation: The pair of tables <document component table>, <folder component table> is skipped for the LINK function with option CREATEFOLDER=Y because the attribute <attribute name> is required for the <folder component table> but there is no value assigned to it. The batch utility cannot create a folder if the folder does not exist. The batch utility will continue to process other eligible pairs of tables.

User response: None if the pair <document component table>, <folder component table> should be skipped. Otherwise, run the batch update job with the correct **LINK** command or option CREATEFOLDER=N to link items in <document component table> to folders in the <folder component table>.

Source: High-volume batch utility

ICMBL019E **The command specified in CTLDATA is not valid or is not supported. <reason>.**

Explanation: No further explanation is required.

User response: Correct the command in CTLDATA and try again.

Source: High-volume batch utility

ICMBL020E **The** *file_name* **file could not be opened. See the following error: errno =** *error_number***.**

Explanation: The high-volume batch load job could not open the *file_name* file that was specified in an input data set.

User response: For more information about the cause of this error, see the error that was reported in the message text.

Source: Operating system

ICMBL021I **The** *file_name* **input data set file was opened successfully.**

Explanation: This informational message appears in the SYSPRINT output of the high-volume batch load job.

User response: No action is required.

Source: High-volume batch utility

ICMBL022I **The end of the** *file_name* **input data set file was reached.**

Explanation: This informational message appears in the SYSPRINT output of the high-volume batch load job.

User response: No action is required.

Source: High-volume batch utility

ICMBL023E **The input string** *input_string_variable* **in the IDXDATA input file is not valid for document number** *number***.**

Explanation: Refer to the SYSPRINT output file to see the record number causing the error.

User response: Correct the error in the input file and run the job again.

Source: High-volume batch utility

ICMBL024E   The OBJDATA file and IDXDATA file do not match.

Explanation: The high-volume batch utility job could not correlate the input data from the OBJDATA file (containing the objects to load) with the IDXDATA file (defining the objects' size and metadata).

User response: Check the data or the tool that was used to prepare the OBJDATA and IDXDATA files and correct the error. Regenerate the OBJDATA or IDXDATA files and run the ICMMBLJ1 job again.

Source: High-volume batch utility

ICMBL025W   A unique index violation was detected. The document number *number* was not loaded.

Explanation: The high-volume batch load job did not load the document because it violated the UNIQUE INDEX SPECIFICATION of a user defined attribute.

User response: To change the behavior of the batch load job, modify the **DUPOPTION** parameter in the CTLDATA input file for the ICMMBLJ1 sample job. See the *Planning and Installing Your Content Management System for z/OS* guide (GC18-7698) for valid parameter options.

Source: DB2 or the Content Manager EE library server.

ICMBL026E   A unique index violation was detected when processing document number *number*. Job processing has stopped.

Explanation: The high-volume batch load job stopped processing documents because it attempted to process a document that violated the UNIQUE INDEX SPECIFICATION of a user defined attribute.

User response: To change the behavior of the batch load job, modify the **DUPOPTION** parameter in the CTLDATA input file for the ICMMBLJ1 sample job. See the *Planning and Installing Your Content Management System for z/OS* guide (GC18-7698) for valid parameter options.

Source: High-volume batch utility

ICMBL027E   The child component has no parent for document number *number*.

Explanation: The high-volume batch utility job did not load document number *number* because the IDXDATA input data file did not contain a parent record specification.

User response: Correct the IDXDATA input file to include the missing parent record information and run the job again.

Source: DB2

ICMBL028E   The resource length exceeds the MAXOBJSIZE <size> for document number <number>. Correct the input data or use a larger MAXOBJSIZE.

Explanation: The resource length specified in IDXDATA input for a document exceeds the MAXOBJSIZE value specified in CTLDATA (default is 5000000).

User response: Correct the command in CTLDATA and try again.

Source: High-volume batch utility

ICMBL029E   The first <number> bytes of object of document number <number> contains <characters in hex>. It does not match the user provided header constant string. Correct the error in the input file and run the job again.

Explanation: The object data in OBJDATA is not correct, or the resource length of a document specified in IDXDATA is not correct, or the hex string value of OBJHEADERHEX specified in CTLDATA is not correct.

User response: Correct the input files OBJDATA, IDXDATA, or the value of OBJHEADERHEX specified in CTLDATA. Then restart the job.

Source: High-volume batch utility

ICMBL030E   The last object data stored does not match the data read from LASTOBJ. The object stored might be corrupted or mismatched with metadata. Verify the objects stored by this job, identify and delete any item with the wrong object data stored.

Explanation: The data in LASTOBJ is not correct, or the object data in OBJDATA is not correct, or the resource length specified in IDXDATA for a document is not correct.

User response: No action is required if all the object data stored is correct and only the data in LASTOBJ is not correct. Otherwise, delete the documents with the wrong object data stored, correct the problem and try again.

Source: High-volume batch utility

ICMBL031I   The last object data stored does not match the data read from LASTOBJ. The object stored might be corrupted or mismatched with metadata. Verify the objects stored by this job, identify and delete any item with the wrong object data stored.

Explanation: The data in LASTOBJ is not correct, or the object data in OBJDATA is not correct, or the

resource length specified in IDXDATA for a document is not correct.

User response: No action is required if all the object data stored is correct and only the data in LASTOBJ is not correct. Otherwise, delete the documents with the wrong object data stored, correct the problem and try again.

Source: High-volume batch utility

ICMBL032E **The batch loading program linked with ICMPBL03 cannot store object to OAM. Specify SUPOBJACCESS=Y in CTLDATA to suppress storing object to OAM or re-link the batch loading program to include modules ICMMBL03 and ICMMOSOA.**

Explanation: No further explanation is required.

User response: Specify SUPOBJACCESS=Y in CTLDATA to suppress storing object to OAM or re-link the batch loading program to include modules ICMMBL03 and ICMMOSOA.

Source: High-volume batch utility

ICMBL033E **The batch loading program will not store object to distributed resource manager. Specify SUPOBJACCESS=Y in CTLDATA to suppress storing object.**

Explanation: No further explanation is required.

User response: Specify SUPOBJACCESS=Y in CTLDATA to suppress storing object.

Source: High-volume batch utility

ICMBL034E **The batch loading program will not store an object to OAM if the object has an external object name. Correct the input data or specify SUPOBJACCESS=Y in CTLDATA to suppress storing the object to OAM.**

Explanation: No further explanation is required.

User response: Correct the input data or specify SUPOBJACCESS=Y in CTLDATA to suppress storing the object to OAM.

Source: High-volume batch utility

ICMBL040E **The malloc() function did not allocate** *size* **bytes.**

Explanation: The program cannot allocate enough space.

User response: Check the *size* value. If it looks reasonable, contact your system administrator to resolve the problem.

Source: Operating system

ICMBL041E **The __etoa_l() function failed for document number <number>. See the following error: errno <error number>. <error message>**

Explanation: The C function __etoa_l() returned error.

User response: Check the C manual for the user response.

Source: High-volume batch utility

ICMBL050E **The high-volume batch utility job could not call the** *function_name* **function. The return code is:** *return_code_number***.**

Explanation: The high-volume batch utility job attempted to call a function that failed.

User response: Refer to the information in the SYSPRINT output file to determine the error.

Source: Use the return code to determine the source of the problem.

ICMBL060E **The high-volume batch utility job could not call the DB2** *function_name* **function. See the** *sql_code* **DB2 SQL code.**

Explanation: The high-volume batch utility job attempted to call a SQL statement that failed with SQL code *sql_code*.

User response: Refer to the information in the SYSPRINT output file to determine the error. For more information about specific DB2 SQL codes see http://publib.boulder.ibm.com/infocenter/dzichelp/ v2r2/topic/com.ibm.db2.doc.codes/db2z_sqlcodes.htm

Source: DB2

ICMBL061W **ITEMID <itemid> is not found in ICMSTITEMS001001. The <function> function is ignored for this item.**

Explanation: Item <itemid> no longer exists. The batch utility will continue to process other eligible items.

User response: No action is required.

Source: High-volume batch utility

ICMBL063W **ITEMID <itemid> is checked out. The <function> function is ignored for this item.**

Explanation: The batch utility skips an item if it is checked out by another task. The batch utility will continue to process other eligible items.

User response: No action is required.

| Source: High-volume batch utility

ICMBL070E **The high-volume batch utility job could not call the** *OAM_function_name* **OAM function. See the OAM return code** *return_code*. **Also, see the reason code:** *reason_code*.

| **Explanation:** The high-volume batch utility job
| attempted to call an OAM function but failed.

User response: Refer to the information in the SYSPRINT output file to determine the error. See the IBM manual, *z/OS DFSMSdfp Diagnosis Reference* to determine the meaning of the OAM OSREQ return and reason codes.

Source: Object Access Manager

ICMBL080E **The high-volume batch utility job could not call the** *function_name* **function for document number** *number*.

| **Explanation:** The high-volume batch utility job
| attempted to call a function that failed.

User response: Refer to the information in the SYSPRINT output file to see if there is additional information that might help in the problem determination.

| **Source:** High volume batch utility

| ICMBL081E **The number of resource objects skipped
| does not equal the number of objects
| skipped.**

| **Explanation:** This should never occur.

| **User response:** Report the error to IBM support.

| **Source:** High-volume batch utility

| ICMBL082E **<miscellaneous self explanatory error
| message>**

| **Explanation:** No further explanation is required.

| **User response:** Correct the error and try again.

| **Source:** High-volume batch utility

ICMBL090I **The ICMMBLJ1 job started for the** *item_type* **item type with the following parameters: PARAMETER1=***value_1* **PARAMETER2=***value_2*.

Explanation: This is an informational message that displays the input parameters for the high-volume batch load ICMMBLJ1 job.

User response: No action is required.

| **Source:** High-volume batch utility

ICMBL091I **The following documents were processed: total description 1=***total_count1*, **total description 2=***total_count2*.

| **Explanation:** This is an informational message that
| displays the documents that were processed using the
| high-volume batch utility ICMMBLJ1 job.

User response: No action is required.

Source: High-volume batch utility

| ICMBL092I **The batch loading stopped. Last
| IDXDATA read: <data>**

| **Explanation:** This message is for information only.

| **User response:** No user action is required.

| **Source:** High-volume batch utility

| ICMBL093I **The batch <function> ended with return
| code <return code>.**

| **Explanation:** This message is for information only.

| **User response:** No user action is required.

| **Source:** High-volume batch utility

| ICMBL097I **Storing object to RM <RM code>
| collection <collection code> is
| suppressed for: Document <document
| itemid> Resource <resource itemid>.**

| **Explanation:** This message is for information only.

| **User response:** No user action is required.

| **Source:** High-volume batch utility

| ICMBL098I **<information message>.**

| **Explanation:** This message is for information only.

| **User response:** No user action is required.

| **Source:** High-volume batch utility

ICMBL099T *trace_data*.

Explanation: This message is displayed when trace logging is enabled.

| **User response:** After generating the input file, you can
| turn on the trace function to help determine if the
| batch utility job is running as expected. Turn the trace
| on only in a preproduction environment while testing
| input data with a generated program.

Tip: Content Manager for z/OS recommends that you turn trace on only when testing the generated batch load program, not in production.

| **Source:** High-volume batch utility

Content Manager EE eClient messages

These messages describe problems and possible solutions for the Content Manager EE eClient.

ICM20001E **You do not have sufficient privileges to route the selected workitem or workitems.**

Explanation: No further explanation is required.

User response: Check the eClient trace log for the specific privilege required. Then ask your system administrator to grant you the privilege. After the privilege is granted try again.

Source: eClient

ICM20002E **You do not have sufficient privileges to remove the selected workitem or workitems from the process.**

Explanation: No further explanation is required.

User response: Check the eClient trace log for the specific privilege required. Then ask your System Administrator to grant you the privilege. After the privilege is granted, then try the operation again.

Source: eClient

ICM20003E **You do not have sufficient privileges to start the process for the selected item or items.**

Explanation: No further explanation is required.

User response: Check the eClient trace log for the specific privilege required. Then ask your System Administrator to grant you the privilege. After the privilege is granted, then try the operation again.

Source: eClient

ICM20004E **You do not have sufficient privileges to change the process for the selected workitem or workitems.**

Explanation: No further explanation is required.

User response: Check the eClient trace log for the specific privilege required. Then ask your System Administrator to grant you the privilege. After the privilege is granted, then try the operation again.

Source: eClient

ICM20005E **You do not have sufficient privileges to change the priority of the selected workitem or workitems.**

Explanation: No further explanation is required.

User response: Check the eClient trace log for the specific privilege required. Then ask your System Administrator to grant you the privilege. After the privilege is granted, then try the operation again.

Source: eClient

ICM20006E **You do not have sufficient privileges to suspend the selected workitem or workitems.**

Explanation: No further explanation is required.

User response: Check the eClient trace log for the specific privilege required. Then ask your System Administrator to grant you the privilege. After the privilege is granted, then try the operation again.

Source: eClient

ICM20007E **You do not have sufficient privileges to resume the selected workitem or workitems.**

Explanation: No further explanation is required.

User response: Check the eClient trace log for the specific privilege required. Then ask your System Administrator to grant you the privilege. After the privilege is granted, then try the operation again.

Source: eClient

ICM20008E **You do not have sufficient privileges to change the ownership of the selected workitem or workitems.**

Explanation: No further explanation is required.

User response: Check the eClient trace log for the specific privilege required. Then ask your System Administrator to grant you the privilege. After the privilege is granted, then try the operation again.

Source: eClient

ICM20009E **You do not have sufficient privileges to perform the requested action.**

Explanation: No further explanation is required.

User response: Check the eClient trace log for the specific privilege required. Then ask your System Administrator to grant you the privilege. After the

privilege is granted, then try the operation again.

Source: eClient

ICM20010E **The system cannot save the notelog. The connection to the resource manager was not successful.**

Explanation: The notelog cannot be saved back to the system because the eClient cannot connect to the resource manager.

User response: Ensure that the resource manager is connected and running. Fix any network connecting problems, and then try the operation again.

Source: eClient

ICM20011E **The system cannot open the notelog. The connection to the resource manager was not successful.**

Explanation: The notelog cannot be retrieved because the eClient cannot connect to the resource manager.

User response: Ensure that the resource manager is up and running. Fix any network connecting problems, and then try the operation again.

Source: eClient

ICM20012E **The system cannot import the item. The connection to the resource manager was not successful.**

Explanation: The system cannot create the new item because the eClient cannot connect to the resource manager.

User response: Ensure that the resource manager is connected and running. Fix any network connecting problems, and then try the operation again.

Source: eClient

ICM20013E **The system cannot e-mail the item. The connection to the resource manager was not successful.**

Explanation: The system cannot retrieve the item as e-mail because the eClient cannot connect to the resource manager.

User response: Ensure that the resource manager is connected and running. Fix any network connecting problems, and then try the operation again.

Source: eClient

ICM20014E **The system cannot open the item. The connection to the resource manager was not successful.**

Explanation: The system cannot load the document

because the eClient cannot connect to the resource manager.

User response: Ensure that the resource manager is connected and running. Fix any network connecting problems, and then try the operation again.

Source: eClient

Content Manager EE Client for Windows install messages

These messages describe problems and possible solutions for the Content Manager EE Client for Windows install messages.

ICM50000E **The installation has stopped. See the {0} log file for more details.**

Explanation: Something unusual caused the installation process to stop.

User response: See the product installation or uninstallation log to determine the cause of the error. After taking corrective action, you might need to run the installation again.

Source: Install or install configuration

ICM50001E **An invalid command-line parameter was passed to an internal program.**

Explanation: The configuration runs several internal programs to handle system checking, configuration steps, and verification. These might fail if a file was not installed properly, if there is an internal error, or if the wrong input was passed in a response file during a silent installation

User response: See the cminstall.log log file to determine the cause of the error. If you are running a silent install, check if the log specifies which input value is causing the problem and verify your response file is correct.

Additionally, check if any errors are specified in IBMCMROOT/log/*stderr* or IBMCMROOT/log/*stdout*. If you see an error in one of these files about a path not being found, check that you can run the following command: IBMCMROOT/java/jre/bin/java -version

The Java™ command should display version information such as the following: java version "1.5"

If this command fails, then the Java Virtual Machine (JVM) that is installed with the product is missing or has been corrupted. You might need to rename the existing IBMCMROOT/java directory if it exists and reinstall the product.

Source: Install or install configuration

ICM50002E **An internal program was called with a missing command-line parameter.**

Explanation: An incorrect or missing input parameter was passed to an internal program. The configuration runs several internal programs to handle system checking, configuration steps, and verification. These might fail if a file was not installed properly, if there is

an internal error, or if the wrong input was passed in a response file during a silent install.

User response: See the cminstall.log log file to determine the cause of the error. If you are running a silent install, check if the log specifies which input value is causing the problem and verify your response file is correct.

Additionally, check if any errors are specified in IBMCMROOT/log/*stderr* or IBMCMROOT/log/*stdout*. If you see an error in one of these files about a path not being found, check that you can run the following command: IBMCMROOT/java/jre/bin/java -version

The Java™ command should display version information such as the following: java version "1.5"

If this command fails, then the Java Virtual Machine (JVM) that is installed with the product is missing or has been corrupted. You might need to rename the existing IBMCMROOT/java directory if it exists and reinstall the product.

Source: Install or install configuration

ICM50003E **The environment variable {0} is not defined. This environment variable should have been set during the product installation.**

Explanation: The Windows product installation sets the IBMCMROOT environment variable. If this variable is not set, then your product might not be installed correctly.

User response: Verify that the product has been installed correctly by verifying that the product level is correct.

Source: Install or install configuration

ICM50004E **This program was not invoked with the correct command. Run the {0} command to start the program.**

Explanation: The start script must be used to invoke this program.

User response: Run the script specified to start this program.

Source: Install or install configuration

ICM50200E

| **ICM50200E** **This program requires {0} privileges in order to complete successfully. The current user does not have {0} privileges. Log in as a user with {0} privileges and then run the program again.**

| **Explanation:** This program needs Unix root or Windows Administrator privileges to perform actions such as updating the system registry or modifying system files.

| **User response:** Log in as a user with Unix root or Windows Administrator privileges and then run the program again.

| **Source:** Install or install configuration

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Glossary

Use the glossary to help you understand terms and abbreviations for Content Manager EE, DB2 Information Integrator for Content, and DB2 Content Manager VideoCharger. Terms shown in *italics* are defined elsewhere in this glossary.

To view glossaries for other IBM products, go to http://www.ibm.com/software/globalization/terminology/.

A

abstract class
In object-oriented programming, a class that represents a concept; classes derived from it represent implementations of the concept. An object cannot be constructed from an abstract class; that is, it cannot be instantiated.

access control
The process of ensuring that certain functions and stored *objects* can be accessed only by authorized users in authorized ways.

access control list (ACL)
A list consisting of one or more user IDs or user groups and their associated *privileges*. You use access control lists to control user access to *items* and *objects* in the Content Manager EE system. You use access control lists to control user access to *search templates* in the system.

accessory script
A *CGI script* that processes SEARCH, POST, PUT, or DELETE requests. The accessory scripts process requests that are not explicitly mapped to a CGI script named on an EXEC directive.

ACL See *access control list*.

action In Content Manager EE document routing, specifies how a user can manipulate the *work packages* at a *work node*. Content Manager EE provides some actions and you can create your own. Actions must be included in an *action list* before you can apply them to a work node.

In DB2 Information Integrator for Content, specifies how a user can manipulate the *work items* at a *node* in the

workflow. DB2 Information Integrator for Content provides some actions and you can create your own. Actions must be included in an *action list* before you can apply them to a *node*.

action list
In Content Manager EE document routing, a set of *actions* that a user can perform on work packages at a work node. The actions that you specify in the action list are displayed as menu choices for the *work packages* in the client users' *worklists*.

In DB2 Information Integrator for Content, a set of *actions* that a user can perform on work items in a *workflow*. The actions that you specify in the action list display as menu choices for the *work items* in the client users' *worklists*.

ad hoc process
In Content Manager EE document routing, a one step *process* that you define, usually to link two other processes.

address
A unique code or identifier for a register, device, workstation, system, or storage location. See also *IP address*.

administrative ACL
Any *access control list (ACL)* created by an administrator with SystemSetACL and SystemDefineACL *privileges* and to use with administrative objects, such as *item types* and item type views, or *items*. ACLs that you created before Version 8 Release 3 are all administrative ACLs.

admission control
The process used by the server to ensure that the server's bandwidth needs are not compromised by new asset requests.

ADSM
See *Tivoli Storage Manager*.

aggregate bandwidth
Total throughput, in megabits per second, that moves through a server or server subsystem.

alias In the *Internet*, a name that is assigned to a server that makes the server independent of the name of its host system. The alias must be defined in the *domain name server*.

American Standard Code for Information Interchange (ASCII)
A standard code used for information exchange among data processing systems, data communication systems, and associated equipment. ASCII uses a coded character set consisting of 7-bit coded characters. See also *EBCDIC*.

analog
Pertains to data that consists of continuously variable physical quantities. See also *digital*.

analog video
Video in which the information that represents images is in a continuous-scale electrical signal for amplitude and time.

API See *application programming interface*.

application programming interface (API)
A software interface that enables applications to communicate with each other. An API is the set of programming language constructs or statements that can be coded in an application program to obtain the specific functions and services provided by the underlying licensed program.

application server
Software that handles communication with the client that requests an asset and queries of Content Manager EE.

archive
Persistent storage that is used for long-term information retention, typically very inexpensive for each stored unit and slow to access, and often in a different geographic location to protect against equipment failures and natural disasters.

ASCII See *American Standard Code for Information Interchange*.

asset A digital multimedia resource that is stored for later retrieval as requested by an application. An example of such a resource is a digitized video or audio file. An asset is stored as a file in a multimedia file system supported by the *data pump*.

asset group
An organizational grouping within the multimedia file system with similar characteristics. You can use an asset group to allocate resources of a *data pump*. For example, you can establish two asset groups representing distinct departments whose assets should be kept separate for security or billing purposes.

asymmetric video compression
In multimedia applications, the use of a powerful computer to compress a video so that a less powerful system can decompress it.

asynchronous transfer mode (ATM)
A transfer mode in which the information is organized into cells; it is asynchronous in the sense that the recurrence of cells containing information from an individual user is not necessarily periodic. ATM is specified in international standards such as ATM Forum UNI 3.1.

ATM See *asynchronous transfer mode*.

attribute
A unit of data that describes a certain characteristic or property (for example, name, address, age, and so forth) of an item, and which can be used to locate that item. An attribute has a type, which indicates the range of information stored by that attribute, and a value, which is within that range. For example, information about a file in a multimedia file system, such as title, running time, or encoding type (MPEG1, H.263, and so forth). For DB2 Information Integrator for Content, see also *federated attribute* and *native attribute*.

attribute group
Convenience grouping of one or more *attributes*. For example, Address might include the attributes Street, City, State, and Zip.

audio The sound portion of a video signal.

B

background

The conditions under which low-priority, noninteractive programs are run. See also *foreground*.

bandwidth

The difference, expressed in hertz, between the highest and the lowest frequencies of a range of frequencies.

In *asynchronous transfer mode* (ATM), the capacity of a virtual channel, expressed in terms of peak cell rate (PCR), sustainable cell rate (SCR), and maximum burst size (MBS).

A measure of the capacity of a communication transport medium (such as a TV cable) to convey data.

base attributes

A set of indexes that is assigned to each *object*. All Content Manager EE objects have base *attributes*.

baseband

A frequency band that uses the complete bandwidth of a transmission and requires all stations in the network to participate in every transmission.

batch   An accumulation of data to be processed.

A group of records or data processing jobs brought together for processing or transmission.

binary large object (BLOB)

A sequence of bytes with a size ranging from 0 bytes to 2 gigabytes. This string does not have an associated code page and character set. Image, audio, and video objects are stored in BLOBs. See also *character large object (CLOB)*.

bitmap

A pixmap with a depth of one bit plane.

A representation of an image by an array of bits.

BLOB   See *binary large object*.

block   A string of data elements recorded or transmitted as a unit. The elements can be characters, words, or physical records. Disk device drivers currently use a block size of 32 KB or 256 KB to write to the disk.

broadband

A communication channel that uses a wide frequency range divided into narrower bands that can be made available to different users for the simultaneous transmission of different signals (such as voice, video, and data). A broadband is capable of higher-speed data transmission than a voice-grade channel. See also *baseband*.

broadcast

The simultaneous transmission of the same data to all nodes connected to a network. See also *multicast*.

bus   A facility for transferring data between several devices located between two end points, only one device being able to transmit at a given moment.

business application

In Content Manager EE document routing, a *work node* that directs work to an external business application that you develop. The business application work node has an identified DLL or shared library that runs on the server and can launch an external business application, such as a CICS® or IMS™ program.

C

cache   A special-purpose buffer, smaller and faster than main storage, used to hold a copy of data that can be accessed frequently. Use of a cache reduces access time, but might increase memory requirements. See also *resource manager cache* and *LAN cache*.

caching proxy server

A proxy server that stores the documents that it retrieves from other servers in a local *cache*. The caching proxy server can then respond to subsequent requests for these documents without retrieving them from the other servers, a process that can improve response time.

cardinality

The number of rows in a database table.

category

See *item type*.

character large object (CLOB)

A data type that contains a sequence of characters (single-byte, multibyte, or both)

that can range in size from 0 bytes to 2 gigabytes less 1 byte. See also *binary large object*.

child component
Optional second or lower level of a hierarchical *item type*. Each child component is directly associated with the level above it.

CIF See *common interchange file*.

CIU See *common interchange unit*.

class In object-oriented design or programming, a model or template that can be used to create objects with a common definition and common properties, operations, and behavior. An object is an instance of a class.

client A computer system or process that requests a service of another computer system or process that is typically referred to as a server. Multiple clients can share access to a common server.

client application
An application written with the Content Manager EE APIs to customize a user interface.

An application written with the object-oriented or Internet APIs to access *content servers* from DB2 Information Integrator for Content.

Client Application for Windows
A complete object management system that is provided with Content Manager EE and written with Content Manager EE APIs. It supports document and folder creation, storage, and presentation, processing, and access control. You can customize the client with user exit routines and partially invoke it with APIs.

client/server
Pertaining to the model of interaction in distributed data processing in which a program on one computer sends a request to a program on another computer and awaits a response. The requesting program is called a client; the answering program is called a server.

CLOB See *character large object*.

codec A processor that can code analog audio or video information in digital form for transmission, and decode digital data back to analog form.

collection
A group of objects with a similar set of management rules.

collection event list
In DB2 Information Integrator for Content advanced workflow, the criteria that a collection point uses to determine which route the federated folder must follow. Corresponds to a specified amount of time or a list of events, which are *event nodes*. Each collection point must have at least two collection event lists: one with a timeout period (the timeout route) and the other with a list of events that must occur for a federated folder to proceed (event-driven route).

collection point
In Content Manager EE document routing, a special *work node* at which a folder waits for arrival of other document or folders, but which does not correspond to a business task.

In DB2 Information Integrator for Content advanced workflow, a special *node* at which a *federated folder* waits for arrival of other objects, such as documents or folders, or for specified conditions to be met. A collection point consists of one collection node, one to 20 *event nodes*, and two or more connectors called *collection event lists*.

combined search
A query that combines one or more of the following types of searches: *parametric*, text, or image.

common interchange file (CIF)
A file that contains one ImagePlus® Interchange Architecture (IPIA) data stream.

common interchange unit (CIU)
The independent unit of transfer for a common interchange file (CIF). It is the part of the CIF that identifies the relationship to the receiving database. A CIF can contain multiple CIUs.

Common Internet File System (CIFS)
A protocol that enables collaboration on the Internet by defining a remote file-access protocol that is compatible with

the way applications already share data on local disks and network file servers.

component
Generic term for a *root component* or a *child component*.

compressed audio
A method of digitally encoding and decoding several seconds of voice quality audio per single videodisc frame. This increases the storage capability to several hours of audio per videodisc. Sometimes referred to as still frame audio or sound over still.

compressed video
A video resulting from the process of digitally encoding and decoding a video image or segment using a variety of computer techniques to reduce the amount of data required to represent the content accurately.

compression
The process of eliminating gaps, empty fields, redundancies, and unnecessary data to shorten the length of records or blocks.

connection manager
A Content Manager EE component that helps maintain connections to the library server, rather than starting a new connection for each query. The connection manager has an application programming interface.

connector class
Object-oriented programming *class* that provides standard access to APIs that are native to specific *content servers*.

constructor method
In programming languages, a method that has the same name as a class and is used to create and initialize objects of that class.

container
A software object that holds or organizes other software objects or entities. In the *folder manager*, an *object* that can contain other folders or documents.

content class
See *MIME type*.

content server
A software system that stores multimedia and business data and the related

metadata required for users to work with that data. Content Manager EE and Content Manager EE ImagePlus for OS/390® are examples of content servers.

controller
The functional component responsible for resource management (load balancing and admission control). The controller communicates with one or more *data pumps* to initiate and terminate connections to clients.

cursor A named control structure used by an application program to point to and select a row of data from a set.

D

data compression
The process of eliminating gaps, empty fields, redundancies, and unnecessary data to shorten the length of records or blocks.

data format
A description of the application data for a particular transaction. An application data format is composed of data structures and fields. See also *MIME type*.

data pump
The combination of the disks that hold the data and the networking hardware and software required to deliver assets to clients.

data rate
The rate at which data is transmitted or received from a device. Interactive applications tend to require a high data rate, while batch applications can usually tolerate lower data rates.

data store
A place (such as a database system, file, or directory) where data is stored. In an application program, a virtual representation of a *content server*.

data striping
Storage process in which information is split into blocks (a fixed amount of data) and the blocks are written to (or read from) a series of disks in parallel.

data transfer rate
The average number of bits, characters, or blocks per unit time passing between corresponding equipment in a data

transmission system. The rate is expressed in bits, characters, or blocks per second, minute, or hour. Corresponding equipment should be indicated, for example, modems, intermediate equipment, or source and sink.

DCA See *Document Content Architecture*.

DCE See *Distributed Computing Environment*.

DD See *device driver*.

DDO See *dynamic data object*.

decode
To convert data by reversing the effect of some previous encoding.

decompression
Process of restoring compressed data to its original state so that it can be used again.

destager
A function of the Content Manager EE *resource manager* that moves objects from the *staging area* to the first step in the object's *migration policy*.

device driver (DD)
A program that provides an interface between a specific device and the application program that uses the device.

device manager
In a Content Manager EE system, the interface between the *resource manager* and one or more physical devices.

digital Pertaining to data in the form of digits. See also *analog*.

digital audio
Audio tones represented by machine-readable binary numbers rather than by analog recording techniques.

digital video
Video in which the information (usually including audio) is encoded as a sequence of binary digits.

digitize
To convert analog video and audio signals into digital format.

digitized image
An image derived from a scanning device or a digitizing card with a camera.

Distributed Computing Environment (DCE)
The Open Software Foundation (OSF)

specification (or a product derived from this specification) that assists in networking. DCE provides such functions as authentication, directory service (DS), and remote procedure call (RPC).

document
An *item* that can be stored, retrieved, and exchanged among Content Manager EE systems and users as a separate unit. It can be any multimedia digital object. A single document can include varied types of content, including for example, text, images, and spreadsheets. An item with the document *semantic type* is expected to contain information that forms a document but does not necessarily imply that it is an implementation of the Content Manager EE document model.

An item created from a document classified item type (a specific implementation of the Content Manager EE document model), must contain document parts. You can use document classified item types to create items with either the document or folder semantic type. See also *workbasket* and *workflow*.

Document Content Architecture (DCA)
An architecture that guarantees information integrity for a document being interchanged in an office system network. DCA provides the rule for specifying form and meaning of a document. It defines revisable form text (changeable) and final form text (unchangeable).

document root directory
The primary directory in which a Web server stores accessible documents. When the server receives requests that do not point to a specific directory, it tries to serve the requests from this directory.

document routing process
In Content Manager EE a sequence of *work steps*, and the rules governing those steps, through which a *document* or *folder* travels while it is being processed. See also *work step*.

domain
That part of a computer network in which the data processing resources are under common control.

domain name

In Internet communications, a name of a host system. A domain name consists of a sequence of subnames that are separated by a delimiter character, for example, www.ibm.com.

domain name server

In Internet communications, a server program that supplies name-to-address conversion by mapping domain names to IP addresses.

dotted decimal notation

The syntactical representation for a 32-bit integer that consists of four 8-bit numbers written in base 10 and separated by dots. IP addresses are represented in dotted decimal notation.

dynamic data object (DDO)

In an application program, a generic representation of a stored object that is used to move that object in to, and out of, storage.

dynamic IP address

A temporary IP address for a transient device or logical unit on a network, for example, a personal computer. See also *IP address*.

E

EBCDIC

See *Extended Binary Coded Decimal Interchange Code*.

element

An *object* that the list manager allocates for an application.

encode

To convert data by the use of a code in such a manner that reconversion to the original form is possible.

Ethernet

A 10-Mbps baseband local area network that allows multiple stations to access the transmission medium at will without prior coordination, avoids contention by using carrier sense and deference, and resolves contention by using collision detection and transmission.

event node

In DB2 Information Integrator for Content advanced workflow, the set of criteria that specifies the objects or conditions that are required by a collection node. Each collection point can include up to 20 event nodes.

Extended Binary Coded Decimal Interchange Code (EBCDIC)

A coded character set of 256 8-bit characters developed for the representation of textual data. See also *American Standard Code for Information Interchange*.

extended data object (XDO)

In an application program, a generic representation of a stored complex multimedia object that is used to move that object in to, and out of, storage. XDOs are most often contained within DDOs.

External Data Representation (XDR)

A standard developed by Sun Microsystems, Incorporated, to represent data in machine-independent format. Because XDR is a vendor-independent method for representing the data, new computer architectures can be integrated into the network without requiring the updating of translation routines.

F

F-Coupler

See *frequency coupler*.

FDDI See *Fiber Distributed Data Interface*.

feature

The visual content information that is stored in the image search server. Also, the visual traits that image search applications use to determine matches. The four *QBIC* features are average color, histogram color, positional color, and texture.

federated attribute

A DB2 Information Integrator for Content metadata category that is mapped to *native attributes* in one or more *content servers*. For example, the federated attribute policy number can be mapped to an *attribute* policy num in DB2 Content Manager and to an attribute policy ID in ImagePlus for OS/390.

federated collection

A grouping of objects that results from a federated search. See also *federated search*.

federated data store
Virtual representation of any number of specific content servers, such as Content Manager EE.

federated entity
A DB2 Information Integrator for Content metadata object that is comprised of federated attributes and optionally associated with one or more federated text indexes.

federated folder
In DB2 Information Integrator for Content, a special-purpose folder that stores native entities from one or more content servers.

federated search
A query issued from DB2 Information Integrator for Content that simultaneously searches for data in one or more content servers, which can be heterogeneous. See also *federated collection*.

federated text index
A DB2 Information Integrator for Content metadata object that is mapped to one or more *native text indexes* in one or more *content servers*.

Fiber Distributed Data Interface (FDDI)
An American National Standards Institute (ANSI) standard for a 100-Mbps LAN using fiber optic cables.

file name extension
An addition to a file name that identifies the file type (for example, text file or program file).

file system
The collection of files and file management structures on a physical or logical mass storage device, such as a diskette or minidisk.

file system manager
The component that manages the multimedia file system.

File Transfer Protocol (FTP)
In TCP/IP, an application layer protocol that uses TCP and Telnet services to transfer bulk-data files between machines or hosts.

firewall
A network configuration, usually both hardware and software, that prevents unauthorized traffic into and out of a secure network.

folder An *item* of any *item type*, regardless of classification, with the folder *semantic type*. Any item with the folder semantic type contains specific folder functionality that is provided by Content Manager EE, in addition to all non-resource item capabilities and any additional functionality available from an item type classification, such as *document* or resource item. Folders can contain any number of items of any type, including documents and subfolders. A folder is indexed by *attributes*.

folder manager
The Content Manager EE model for managing data as online documents and folders. You can use the folder manager APIs as the primary interface between your applications and the Content Manager EE content servers.

foreground
In multiprogramming, the environment in which high-priority programs are run. See also *background*.

FPS See *frames per second*.

fragment
The smallest unit of file system disk space allocation. A fragment can be 512, 1024, 2048, or 4096 bytes in size. The fragment size is defined when a file system is created.

frames per second (FPS)
The number of frames displayed per second.

frequency coupler (F-Coupler)
A physical device that merges broadband analog signals with digital data on an IBM Cabling System using shielded twisted-pair wiring. The IBM F-Coupler separates analog signals and sends them from the IBM Cabling System to the workstation. The F-Coupler allows the IBM Cabling System to accommodate simultaneous analog video with data traffic on a token-ring network.

FTP See *File Transfer Protocol*.

full-motion video
Video reproduction at 30 frames per second (*fps*) for *NTSC* signals or 25 fps for *PAL* signals.

G

gateway
A device or program used to connect networks or systems with different network architectures.

GB See *gigabyte*.

Gbps See *gigabits per second*.

gigabits per second (Gbps)
A measure of high speed bandwidth on a digital data transmission medium such as optical fiber. See also *kilobits per second*.

gigabyte (GB)
In decimal notation, 1 073 741 824 when referring to memory capacity; in all other cases, it is defined as 1 000 000 000.

H

handle
A character string that represents an object and is used to retrieve the object.

hertz (Hz)
A unit of frequency equal to one cycle per second.

history log
A file that keeps a record of activities for a *workflow*.

home page
The initial Web page that is returned by a Web site when a user specifies the URL for the Web site. Essentially, the home page is the entry point for accessing the contents of the Web site.

host A computer that is connected to a network and provides an access point to that network. The host can be a client, a server, or both a client and server simultaneously. See also *server*, *client*.

host name
In *Internet* communication, the name given to a computer. Sometimes, host name is used to mean the fully qualified domain name; other times, it is used to mean the most specific subname of a fully qualified domain name. For example, if mycomputer.city.company.com is the fully

qualified domain name, either of the following host names can be used: mycomputer.city.company.com or mycomputer.

HTML
See *Hypertext Markup Language*.

HTTP See *Hypertext Transfer Protocol*.

HTTPd
See *HTTP daemon*.

HTTP daemon (HTTPd)
A multithreaded Web server that receives incoming *Hypertext Transfer Protocol (HTTP)* requests.

HTTP method
An action that is used by the *Hypertext Transfer Protocol. HTTP* methods include GET, POST, and PUT.

Hypertext Markup Language (HTML)
A markup language that conforms to the Standard Generalized Markup Language (SGML) standard and was designed primarily to support the online display of textual and graphical information, including hypertext links.

Hypertext Transfer Protocol (HTTP)
An Internet protocol that is used to transfer and display hypertext and XML documents on the Web.

Hz See *hertz*.

I

I frame
See *information frame*.

Image Object Content Architecture (IOCA)
An architecture that provides a collection of constructs used to interchange and present images, such as printing image data on a page, page segment, or overlay.

index To add or edit the attribute values that identify a specific *item* or *object* so that it can be retrieved later.

index class
See *item type*.

index class subset
In earlier Content Manager EE, a view of an *index class* that an application uses to store, retrieve, and display folders and objects.

index class view

In earlier Content Manager EE, a term used in the APIs for *index class subset*.

information frame (I frame)

In video compression, a frame that is compressed independently of any other frames.

information mining

The automated process of extracting key information from text (summarization), finding predominant themes in a collection of documents (categorization), and searching for relevant documents using powerful and flexible queries.

inline In Content Manager EE, the property of an object that is online and in a drive but has no active *mounts*.

i-node The internal structure that describes the individual files in the UNIX file system. An i-node contains the node, type, owner, and location of a file. A table of i-nodes is stored near the beginning of a *file system*.

interactive video

Combining video and computer technology so the user's actions determine the sequence and direction the application takes.

interchange

To import or export an image with its index from one Content Manager EE ImagePlus for OS/390 system to another ImagePlus system using a *common interchange file* or *common interchange unit*.

Internet

The worldwide collection of interconnected networks that use the Internet suite of protocols and permit public access.

Internet Protocol (IP)

A protocol that routes data through a network or interconnected networks. This protocol acts as an intermediary between the higher protocol layers and the physical network. See also *Transmission Control Protocol*.

Internet Protocol address

See *IP address*.

intra frame

See *information frame*.

intranet

An organization's internal network that uses the IP protocol.

IOCA See *Image Object Content Architecture*.

IP See *Internet Protocol*.

IP address (Internet Protocol address)

A unique address for a device or logical unit on a network that uses the IP standard. See also *static IP address*, *dynamic IP address*.

IP multicast

Transmission of an *Internet Protocol (IP)* datagram to a set of systems that form a single multicast group.

ISO-9669

Format used for files on CD-ROM. Used with DOS.

isochronous

Property of a communications signal that is delivered at a specified, bounded rate, which is used for continuous data such as voice and full-motion video.

item In Content Manager EE, generic term for an instance of an *item type*. For example, an item might be a *folder*, *document*, video, or image. See also *semantic type*.

Generic term for the smallest unit of information that DB2 Information Integrator for Content administers. Each item has an identifier. For example, an item might be a *folder* or a *document*.

item type

A template for defining and later locating like items, consisting of a *root component*, zero or more *child components*, and a classification. See also *item type classification*.

item type classification

A categorization within an *item type* that further identifies the items of that item type. All items of the same item type have the same item type classification. See also *index class*.

Content Manager EE, supplies the following item type classifications: *folder, document, object,* video, image, and text; users can also define their own item type classifications.

iterator
　　A class or construct that is used to step through a collection of objects one at a time.

K

Kb　See *kilobit*.

kbps　See *kilobits per second*.

key field
　　See *attribute*.

kilobit (Kb)
　　For processor storage, real and virtual storage, and channel volume, 2 to the power of 10 or 1024 bits.

　　For disk storage capacity and communications volume, 1000 bits.

kilobits per second (kbps)
　　A measure of bandwidth on a data transmission medium, where 1 kb/s = 1000 bits per second. This contrasts with units of storage where 1 Kb = 1024 bits (note uppercase K). See also *megabits per second*, *gigabits per second*.

L

latency
　　The time interval between the instant at which an instruction control unit initiates a call for data and the instant at which the actual transfer of the data starts.

LBR　See *low bit rate*.

library client
　　The component of a Content Manager EE system that provides a low-level programming interface for the library system. The library client includes APIs that are part of the software developer's kit.

library object
　　See *item*.

library server
　　The component of a Content Manager EE system that stores, manages, and handles queries on *items*.

link　A directional relationship between two items: the parent and the child. You can use a set of links to model one-to-many associations. See also *reference*.

log record sequence number (LRSN)
　　A unique identifier for a log record that is associated with a data sharing member. DB2 for z/OS uses the LRSN for recovery in the data sharing environment.

low bit rate (LBR)
　　A generic term for an interleaved H.263/G.723 stream. Low bit rate streams range from 6.4 kbps up to 384 kbps.

LRSN　See *log record sequence number*.

M

machine-generated data structure (MGDS)
　　An IBM structured data format protocol for passing character data among the various Content Manager EE ImagePlus for OS/390 programs.

　　Data extracted from an image and put into general data stream (GDS) format.

management class
　　The term used in the APIs for *migration policy*.

Management Information Base (MIB)
　　A collection of objects that can be accessed by means of a network management *protocol*.

Management Information Base variable (MIB variable)
　　A managed object that contains pertinent management information, which is accessible as defined by the access mode. The MIB variable is defined by a textual name and the corresponding object identifier, syntax, access mode, and status, and a description of the semantics of the managed object.

maximum transmission unit (MTU)
　　The largest possible unit of data that can be sent on a given physical medium in a single frame. For example, the maximum transmission unit for Ethernet is 1500 bytes.

Mb　See *megabit*.

MB　See *megabyte*.

Mbps　See *megabits per second*.

MCA　See *Micro Channel architecture*.

media archiver
　　A physical device that is used for storing audio and video stream data. The

VideoCharger is a type of media archiver. See also *storage system*.

media object class
Classification that describes the data that is contained in an object and how you can act on that data. Content Manager EE provides four predefined media object classes: DKLobICM, DKStreamICM, DKTextICM, and DKVideoStreamICM. See also *MIME type*.

media server
An AIX-based component of the Content Manager EE system that is used for storing and accessing video files.

megabit (Mb)
For processor storage, real and virtual storage, and channel volume, 2 to the power of 20 or 1 048 576 bits. For disk storage capacity and communications volume, 1 000 000 bits.

megabits per second (Mbps)
See *kilobits per second*.

megabyte (MB)
For processor storage, real and virtual storage, and channel volume, 2 to the 20th power or 1 048 576 bytes. For disk storage capacity and communications volume, 1 000 000 bytes.

member function
A C++ operator or function that is declared as a member of a class. A member function has access to the private and protected data members and member functions of an object of its class. Member functions are also called methods.

method
In object-oriented design or programming, the software that implements the behavior specified by an operation.

See *member function*.

MGDS
See *machine-generated data structure*.

MIB See *Management Information Base*.

MIB variable
See *Management Information Base variable*.

Micro Channel architecture (MCA)
The rules that define how subsystems and adapters use the Micro Channel bus in a computer. MCA defines the services that each subsystem can or must provide.

MIDI See *Musical Instrument Digital Interface*.

migration
The process of moving data and source from one computer system to another computer system without converting the data, such as when moving to a new operating environment.

Installation of a new version or release of a program to replace an earlier version or release.

migration policy
A user-defined schedule for moving *objects* from one *storage class* to the next. It describes the retention and class transition characteristics for a group of objects in a storage hierarchy.

migrator
A function of the *resource manager* that checks *migration policies* and moves objects to the next storage class when they are scheduled to move.

Mixed Object Document Content Architecture (MO:DCA)
An IBM-architected, device-independent data stream for interchanging documents.

Mixed Object Document Content Architecture-Presentation (MO:DCA-P)
A subset of MO:DCA that defines presentation documents.

M-JPEG
See *Motion JPEG*.

MO:DCA
See *Mixed Object Document Content Architecture*.

MO:DCA-P
See *Mixed Object Document Content Architecture-Presentation*.

Motion JPEG (M-JPEG)
Used for animation.

mounted
In Content Manager EE, an object that is online and in a drive with active *mounts*. Contrast with *inline*.

Moving Pictures Experts Group (MPEG)
A group that is working to establish a standard for compressing and storing motion video and animation in digital form.

The standard developed by the Moving Pictures Experts Group.

MPEG
See *Moving Pictures Experts Group*.

MTU See *maximum transmission unit*.

multicast
Transmission of the same data to a selected group of destinations. See also *broadcast* and *unicast*.

multimedia
Material presented in a combination of text, graphics, video, animation, and sound.

multimedia file system
A *file system* that is optimized for the storage and delivery of video and audio.

Multipurpose Internet Mail Extensions (MIME)
An Internet standard for identifying the type of object being transferred across the Internet. See also *MIME type*.

Musical Instrument Digital Interface (MIDI)
A *protocol* that allows a synthesizer to send signals to another synthesizer or to a computer, or a computer to a musical instrument, or a computer to another computer.

N

NAS See *network attached storage*.

National Television Standard Committee (NTSC)
A committee that sets the standard for color television broadcasting and video in the United States (currently in use also in Japan).

native attribute
A characteristic of an object that is managed on a specific *content server* and that is specific to that content server. For example, the *key field* `policy num` might be a native attribute in a Content Manager EE content server whereas the field `policy ID` might be a native attribute in a Content Manager EE OnDemand content server.

native entity
An *object* that is managed on a specific *content server* and that is comprised of *native attributes*. For example, Content

Manager EE index classes are native entities comprised of Content Manager EE key fields.

native text index
An index of the text *items* that are managed on a specific *content server*. For example, a single text search index on a Content Manager EE content server.

network attached storage (NAS)
A technology in which an integrated storage system is attached to a messaging network that uses common communications protocols, such as *TCP/IP*.

network table file
A text file that contains the system-specific configuration information for each node in a Content Manager EE system. Each node in the system must have a network table file that identifies the node and lists the nodes that it needs to connect to. The name of a network table is FRNOLINT.TBL.

node In networking, a point capable of sending and receiving data. A node can be a device, such as printer or workstation, a system, or a storage location on a disk. See also *port*.

In DB2 Information Integrator for Content advanced workflow, a generic term for any discrete point in a workflow process.

NTSC See *National Television Standard Committee*.

O

object Any digital content that a user can manipulate as a single unit to perform a task. An object can appear as text, an icon, or both.

object server
See *resource manager*.

object server cache
See *resource manager cache*.

overlay
A collection of predefined data, such as lines, shading, text, boxes, or logos, that can be merged with variable data on a page or form while printing.

P

package
A collection of related *classes* and interfaces that provides access protection and namespace management.

page pool
The area in the shared memory segment from which buffers are allocated for data that is read from or written to disk. Page pool size is one of the file manager startup configuration parameters.

PAL See *phase alternation line*.

parametric search
A query for *objects* that is based on the *properties* of the objects.

part See *object*.

patron The term used in the Content Manager EE APIs for *user*.

pattern-matching character
See *wildcard character*.

PCI See *Peripheral Component Interconnect*.

peak rate
The maximum rate encountered over a given period of time.

performance group
A group of file systems sharing system resources that can affect file system performance.

Peripheral Component Interconnect (PCI)
A local bus that provides a high-speed data path between the processor and attached devices.

persistent identifier (PID)
An identifier that uniquely identifies an object, regardless of where it is stored. The PID consists of both an item ID and a location.

phase alternation line (PAL)
The television broadcast standard for European video outside of France and the countries of the former Soviet Union. See also *National Television Standard Committee*.

physical data block
A string of data elements or a group of records that is received, recorded, processed, or transmitted as a unit.

PID See *persistent identifier*.

port An access point, for example, a logical unit, for data entry or exit. See also *node*.

In the Internet suite of protocols, a specific logical connection between the Transmission Control Protocol (TCP) or the User Datagram Protocol (UDP) and a higher level protocol or application.

port group
A logical name used to group one or more ports (network devices or interfaces) of the same network type that can be used to reach a given end-user destination. For example, if multiple ATM adapters in the IBM Content Manager EE VideoCharger Server complex are connected to the same ATM networks, these adapters can be configured under the same port group. The controller selects ports as necessary to balance the load.

presentation formatter
A CGI program that defines the forms used to select and present assets to clients.

privilege
The right to access a specific database *object* in a specific way. Privileges are controlled by users with SYSADM (system administrator) authority or DBADM (database administrator) authority or by creators of objects. For example, privileges can include rights to create, delete, and retrieve data from tables.

privilege set
A collection of *privileges* for working with system components and functions. The administrator assigns privilege sets to users (user IDs) and *user groups*.

process
In Content Manager EE document routing, a series of steps through which work is routed. A process contains at least one start node, one *work node*, and one stop node.

property
A characteristic of an *object* that describes the object. A property can be changed or modified. Properties can describe an object's name, type, value, or behavior, among other things.

protocol
A set of rules controlling the communication and transfer of data between two or more devices or systems in a communication network.

protocol gateway
A type of *firewall* that protects computers in a business network from access by users outside that network.

proxy server
A server that receives requests intended for another server and that acts on the client's behalf (as the client's proxy) to obtain the requested service. A proxy server is often used when the client and the server are incompatible for direct connection. For example, the client is unable to meet the security authentication requirements of the server but should be permitted some services.

purger
A function of the *resource manager* that removes *objects* from the system.

Q

QBIC   See *Query by Image Content*.

QoS   See *quality of service*.

quality of service (QoS)
For an *asynchronous transfer mode (ATM)* virtual channel or a Networking BroadBand Services (NBBS) network connection, a set of communication characteristics such as end-to-end delay, jitter, and packet loss ratio.

Query by Image Content (QBIC)
A query technology that enables searches based on visual content, called features, rather than plain text. Using QBIC, you can search for objects based on their visual characteristics, such as color and texture.

query string
A character string that specifies the properties and property values for a query. You can create the query string in an application and pass it to the query.

R

RAID   See *Redundant Array of Independent Disks*.

rank   An integer value that signifies the relevance of a given part to the results of a query. A higher rank signifies a closer match.

real time
The processing of information that returns a result so rapidly that the interaction appears to be instantaneous.

Real-Time Transport Protocol (RTP)
A *protocol* that provides end-to-end network transport functions suitable for applications transmitting real-time data, such as audio, video or simulation data, over multicast or unicast network services.

rebalance
To restripe and redistribute data across the available hard disks after a disk or disks have been removed from a *file system*.

Redundant Array of Independent Disks (RAID)
A collection of two or more physical disk drives that present to the host an image of one or more logical disk drives. In the event of a single device failure, the data can be read or regenerated from the other disk drives in the array.

reference
Single direction, one-to-one association between a root or *child component* and another *root component*. See also *link*.

reference frame
See *information frame*.

release
To remove suspend criteria from an *item*. A suspended item is released when the criteria have been met, or when a user with proper authority overrides the criteria and manually releases it.

Remote Method Invocation (RMI)
A set of APIs that enables distributed programming. An object in one Java Virtual Machine (JVM) can invoke methods on objects in other JVMs

Remote Procedure Call (RPC)
A protocol that allows a program on a client computer to run a program on a server.

render   To take data that is not typically image-oriented and depict or display it as an image. In Content Manager EE,

word-processing documents can be rendered as images for display purposes.

request
The part of a Web address that follows the *protocol* and server *host name*. For example, in the address http://www.server.com/rfoul/sched.htm, the request is /rfoul/sched.html.

ReSerVation Protocol (RSVP)
A resource reservation setup *protocol* designed for an integrated services Internet. The protocol provides receiver-initiated setup of resource reservations for multicast and unicast data flows.

resource manager
The component of a Content Manager EE system that manages *objects*. These objects are referred to by *items* stored on the *library server*.

resource manager cache
The working storage area for the *resource manager*.

restriping
Redistributing and rebalancing data across all available and defined disks in a multimedia file system. This is typically done when a disk is removed from a file system for repair or when a new disk is added to a *file system*.

RLE See *run-length encoding*.

RMI See *Remote Method Invocation*.

RMI server
A server that implements the Java Remote Method Invocation (RMI) distributed object model.

root component
The first or only level of a hierarchical *item type*, consisting of related system-defined and user-defined *attributes*.

RPC See *Remote Procedure Call*.

RSVP See *ReSerVation Protocol*.

RTP See *Real-Time Transport Protocol*.

run A string of repeated, adjacent characters or symbols. See also *run-length encoding*.

run-length encoding (RLE)
A type of *compression* that is based on

strings of repeated, adjacent characters or symbols, which are called runs. See also *run*.

S

SCSI See *Small Computer System Interface*.

search criteria
Attribute values that are used to retrieve a stored *item*.

In DB2 Information Integrator for Content, specific fields that an administrator defines for a search template that limit or further define choices available to the users.

search template
A form consisting of search criteria designed by an administrator for a specific type of federated search. The administrator also identifies the *users* and *user groups* who can access each search template.

semantic type
The usage or rules for an item. Base, annotation, and note are semantic types supplied by Content Manager EE. Users can also define their own semantic types. See also *item*.

server A software program or a computer that provides services to other software programs or other computers. See also *host* and *client*.

server definition
The characteristics of a specific *content server* that uniquely identify it to DB2 Information Integrator for Content.

server inventory
The comprehensive list of *native entities* and *native attributes* from specified *content servers*.

server type definition
The list of characteristics, as identified by the administrator, required to uniquely identify a custom server of a certain type to DB2 Information Integrator for Content.

Simple Network Management Protocol (SNMP)
A set of protocols for monitoring systems and devices in complex networks. Information about managed devices is defined and stored in a *Management Information Base (MIB)*.

Small Computer System Interface (SCSI)
A standard hardware interface that enables a variety of peripheral devices to communicate with one another.

SMIT See *System Management Interface Tool*.

SMS See *system-managed storage*.

SNMP
See *Simple Network Management Protocol*.

staging
The process of moving a stored *object* from an offline or low-priority device to an online or higher priority device, usually on demand of the system or on request of the user. When a user requests an object stored in permanent storage, a working copy is written to the *staging area*.

staging area
The working storage area for the *resource manager*. Also referred to as *resource manager cache*.

stand-alone system
A preconfigured Content Manager EE system that installs all of the components of a Content Manager EE system on a single personal computer.

static IP address
A fixed IP address for a persistent device or logical unit on a network that uses the IP standard. See also *IP address*.

sticky pool
The part of the page pool that is made available to cache the first block of frequently used interactive files. Sticky pool size is one of the file manager startup configuration parameters.

still frame
See *information frame*.

storage class
The type of media that an object is stored on. It is not directly associated with a physical location. However, it is directly associated with the *device manager*. Types of storage classes include:
- Fixed disk
- VideoCharger
- Media archive
- Tivoli Storage Manager (including optical, stream, and tape)

See also *storage group*, *storage system*.

storage group
A group that associates a storage system to a storage class. See also *storage class* and *storage system*.

storage system
A generic term for storage in the Content Manager EE system. See also *media archiver*, *storage class*, and *storage group*.

streamed data
Any data sent over a network connection at a specified rate. A stream can be one data type or a combination of types. Data rates, which are expressed in bits per second, vary for different types of streams and networks.

stripe group
A collection of disks that are grouped together for serving media streams. The multimedia file system uses stripe groups to optimize delivery of multimedia *assets*.

stripe width
The size of the block that data is split into for *striping*.

striping
Splitting data to be written into equal blocks and writing blocks simultaneously to separate disk drives. Striping maximizes performance to the disks. Reading the data back is also scheduled in parallel, with a block being read concurrently from each disk then reassembled at the host..

subclass
A *class* that is derived from another class. One or more classes might be between the class and subclass.

subprocess
In Content Manager EE document routing, an existing process that you define to run within another process.

sub-workflow
In DB2 Information Integrator for Content advanced workflow, an existing workflow process that is checked in to the workflow server that you define to run within another workflow.

superclass
A *class* from which a class is derived. One or more classes might be between the class and superclass.

suspend

To remove an *object* from its *workflow* and define the suspension criteria needed to activate it. Later activating the object enables it to continue processing.

system-managed storage (SMS)

Storage managed by the storage management subsystem (SMS). The system determines object placement, and automatically manages object backup, movement, space, and security.

System Management Interface Tool (SMIT)

An interface tool of the AIX® operating system for installing, maintaining, configuring, and diagnosing tasks.

T

table of contents (TOC)

The list of *documents* and *folders* that are contained in a folder or *workbasket*. Search results are displayed as a folder table of contents.

Tagged Image File Format (TIFF)

A file format for storing high-quality graphics.

throughput

A measure of the amount of information transmitted over a network in a given period of time. It is generally measured in bits per second (bps), kilobits per second (Kbps), or megabits per second (Mbps). See also *aggregate bandwidth*.

TIFF   See *Tagged Image File Format*.

Tivoli Storage Manager

A *client/server* product that provides storage management and data access services in a heterogeneous environment. Tivoli Storage Manager supports various communication methods, provides administrative facilities to manage the backup and storage of files, and provides facilities for scheduling backups.

token ring

According to IEEE 802.5, network technology that controls media access by passing a token (special packet or frame) between media-attached stations.

token-ring network (TRLAN)

A local area network that connects devices in a ring topology and allows unidirectional data transmission between devices by a token-passing procedure. A device must receive a token before it can transmit data.

topology

The physical or logical mapping of the location of networking components or nodes within a network. Common network topologies include bus, ring, star, and tree.

TRLAN

See *token-ring network*.

TSM   See *Tivoli Storage Manager*.

TSM volume

A logical area of storage that is managed by *Tivoli Storage Manager*.

U

UDP   See *User Datagram Protocol*.

unicast

Transmission of data to a single destination. See also *multicast*.

user   For Content Manager EE, this term generally refers to users of client applications, rather than the developers of applications, who use the Content Manager EE APIs.

In DB2 Information Integrator for Content, anyone who is identified in the DB2 Information Integrator for Content administration program.

user ACL

Any *access control list (ACL)* created by an end *user* with UserACLOwner *privilege* and can be assigned only to *items*. Users can search on user ACLs. User ACLs are not displayed in the system administration client. A user who is listed in the user ACL and who has UserACLOwner privilege, or an administrator, can modify a user ACL by using the APIs.

User Datagram Protocol (UDP)

An *Internet* protocol that provides unreliable, connectionless datagram service. It enables an application program on one machine or process to send a datagram to an application program on another machine or process.

user exit
A point in a program at which a user exit routine may be given control.

user exit routine
A user-written routine that receives control at predefined *user exit* points.

user group
A group consisting of one or more defined individual *users*, identified by a single group name.

user mapping
The association of DB2 Information Integrator for Content user IDs and passwords to corresponding user IDs and passwords in one or more content servers. User mapping enables single logon to DB2 Information Integrator for Content and multiple *content servers*.

utility server
A Content Manager EE component that is used by the database utilities for scheduling purposes. You configure a utility server when you configure a *resource manager* or *library server*. There is one utility server for each resource manager and each library server.

V

video mixing
The process of dynamically inserting or combining multiple *video objects* into a single object for distribution. An example would be the mixing of commercials and broadcast programs for satellite distribution.

video object
The data file containing a program recorded for playback on a computer or television set.

video-on-demand (VOD)
A service for providing consumers with movies and other programming almost immediately, per request.

video stream
The path data follows when read from the DB2 Content Manager VideoCharger Server system to the display unit.

virtual node
In Content Manager EE document routing, a distinguishable point within your *process* diagram at which no work is

performed or decisions made, but which is required to effectively render the process flow. Start, stop, split, and join are virtual nodes.

VOD See *video-on-demand*.

volume
A representation of an actual physical storage device or unit on which the objects in your system are stored.

W

WAIS See *Wide Area Information Service*.

WAV A format to store digitally recorded sound.

Web server
A server that is connected to the *Internet* and is dedicated to serving Web pages.

Wide Area Information Service (WAIS)
A network information system that enables clients to search documents on the World Wide Web.

workbasket
In Content Manager EE document routing, a location at which work waits for action by a user or an application. The action can either be taken on the work waiting at the work basket, or the action can be routing the work to another *work node*.

In Content Manager Version 7 workflow, synonymous with *worklist*.

workflow
In DB2 Information Integrator for Content, a sequence of work steps, and the rules governing those steps, through which work is routed. For example, claims approval would describe the process that an individual insurance claim must follow for approval. See also *document*, *work packet*, and *work step*.

workflow coordinator
In earlier Content Manager EE workflow, a user who receives notification that a *work item* in the *workflow* has not been processed in some specified time. The user is selected for a specific user group or upon creation of the workflow.

workflow state
The status of an entire *workflow*.

work item

In earlier Content Manager EE workflow and DB2 Information Integrator for Content advanced workflow, a document or object that a user requires to complete a *workflow* activity.

work node

In Content Manager EE document routing, a step within a process at which items wait for actions to be completed by end users or applications, or through which items move automatically. Generic term for one of the following three types of work nodes: work basket, collection point, and business application.

In DB2 Information Integrator for Content advanced *workflow*, a step within a workflow where work is performed by specified users or groups.

worklist

A collection of work items, documents, or folders that are assigned to a user or group.

work package

In Content Manager EE document routing, a system-defined object that references the item that a user works on during a process. In addition to the item ID, the work package contains additional information that identifies the process to which it belongs and its priority, state, and resume time (if suspended). The user is unaware of a work package because the user works on the referenced item, not on the work package itself.

work packet

In Enterprise Information Portal Version 7.1, a collection of *documents* that is routed from one location to another. Users access and work with work packets through *worklists*. See also *workflow*.

work state

The status of an individual work item, document, or folder.

work step

A discrete point in a workflow or document routing process through which an individual work item, document, or folder must pass. See also *document routing process* and *workflow*.

X

XDO See *extended data object*.

XDR See *External Data Representation*.

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