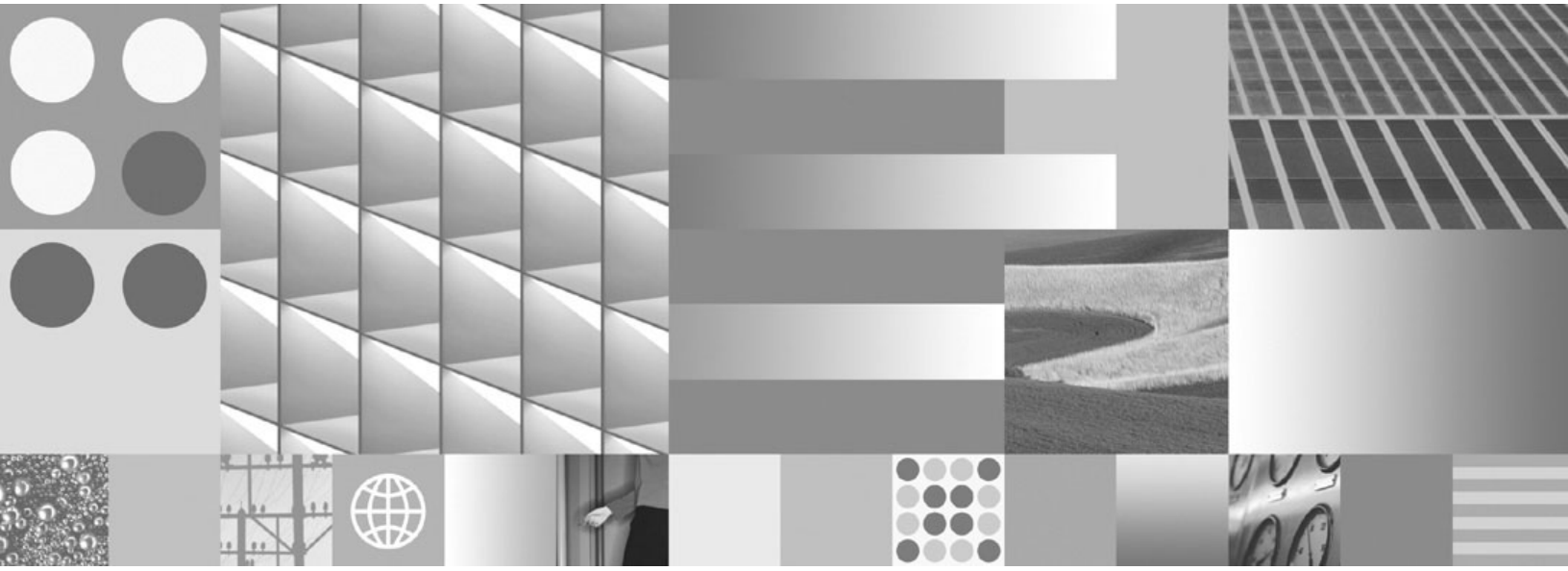
DB2 Content Manager Enterprise Edition
DB2 Content Manager for z/OS

Version 8.4.1



Messages and Codes

SC27-1349-08

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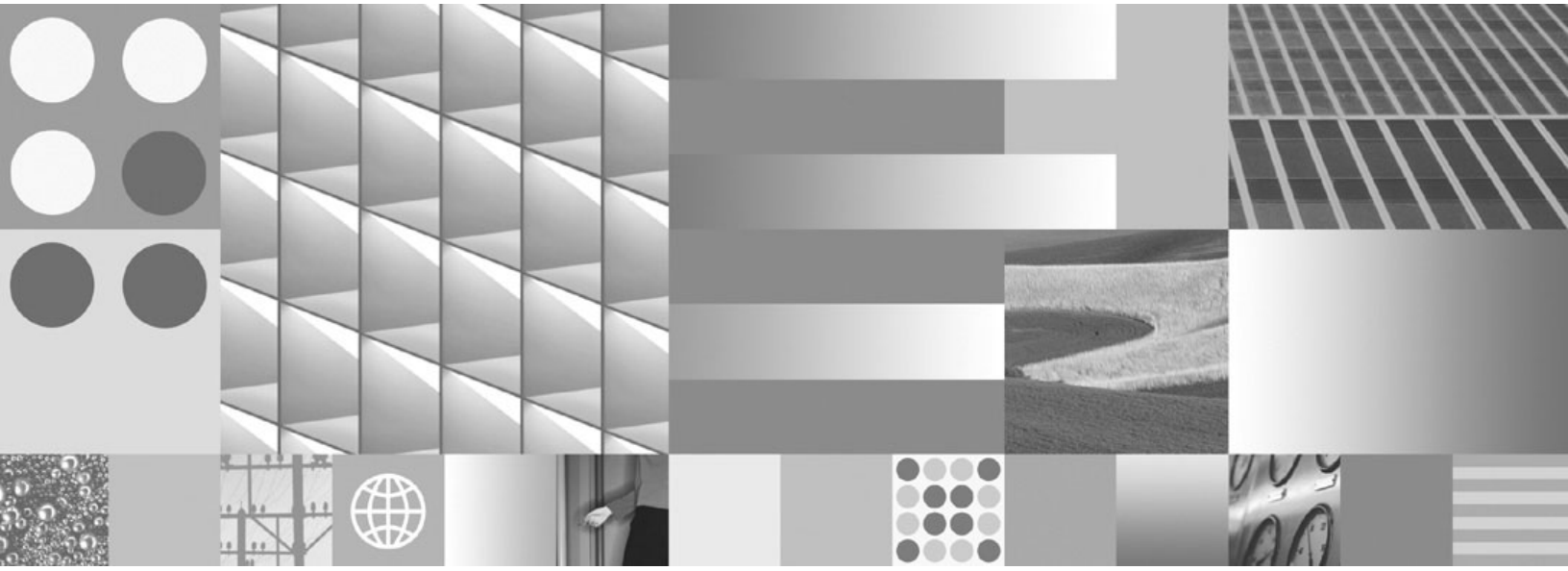
Version 8.4.1



Messages and Codes

SC27-1349-08

Note
Before using this information and the product it supports, read the information in "Notices" on page 323.

This edition applies to version 8, release 4, modification 1 of IBM DB2 Content Manager (product number 5724-B19) and version 8, release 4, modification 1 of IBM DB2 Content Manager for z/OS (product number 5697-H60) and to all subsequent releases and modifications until otherwise indicated in new editions.

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ibm.com and related resources

Product support and documentation are available from ibm.com.

Support and assistance

Product support is available on the Web. Click Support from the product Web site at:

DB2 Content Manager
http://www.ibm.com/software/data/cm/cmgr/mp/edition-enterprise.html

DB2 Content Manager for z/OS
http://www.ibm.com/software/data/cm/cmgr/390/

Information center

You can view the product documentation in an Eclipse-based information center that you can install when you install the product. By default, the information center runs in a Web server mode that other Web browsers can access. You can also run it locally on your workstation. See the information center at http://publib.boulder.ibm.com/infocenter/cmgmt/v8r4m0/index.jsp.

PDF publications

You can view the PDF files online using the Adobe Acrobat Reader for your operating system. If you do not have the Acrobat Reader installed, you can download it from the Adobe Web site at http://www.adobe.com.

See the following PDF publications Web sites:

Product	Web site
IBM DB2 Content Manager	http://www.ibm.com/support/docview.wss?rs=86&uid=swg27010186
IBM DB2 Content Manager for z/OS	http://www.ibm.com/support/docview.wss?rs=119&uid=swg27010286

How to send your comments

Your feedback is important in helping to provide the most accurate and highest quality information.

Send your comments by using the online reader comment form at https://www14.software.ibm.com/webapp/iwm/web/signup.do?lang=en_US&source=swg-rcf.

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Contacting IBM

To contact IBM customer service in the United States or Canada, call 1-800-IBM-SERV (1-800-426-7378).

To learn about available service options, call one of the following numbers:

- In the United States: 1-888-426-4343
- In Canada: 1-800-465-9600

For more information about how to contact IBM, see the Contact IBM Web site at http://www.ibm.com/contact/us/.

Messages and codes for DB2 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.

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API messages: DGL0300A - DGL1620A

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

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*, or both. 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 new 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 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 new key that will be 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.

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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 a DB2 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 There was a disconnect error 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 on 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 new 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 could not be 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, but you can refer to 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 could cause this message. Depending on what your application was doing when you received this message, the recommended action will vary. Find the explanation corresponding to the action that you were performing when you received the error.

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

This message occurs for the above 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.

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.

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

This message occurs for the above actions when the options specified as a parameter to the method call are not valid.

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 (similar to 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 recommended 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 recommended 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 Data access cursor invalid.

Explanation:
The resultSet cursor is in an invalid state; this is caused by going 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 Data access predicate invalid.

Explanation:
An invalid predicate has been specified for the resultSet cursor's `findObject` method.

User response:
Supply a valid predicate to the `findObject` method.

Source:
Java or C++ APIs.

DGL0340A Data access cursor not update-capable.

Explanation:
An update or add operation was attempted on a non-updateable cursor.

User response:
Set the datastore to the read or write option to allow writing to the file, and re-execute the query.

Source:
Java or C++ APIs.

DGL0341A Function not available.

Explanation:
This function is not available.

User response:
Do not invoke this function.

Source:
Java or C++ APIs.

DGL0342A Invalid datastore for this object type.

Explanation:
The passed datastore is not valid for this object type.

User response:
Determine the correct datastore to pass and try again.

Source:
Java or C++ APIs.

DGL0343A Attempted comparison of different object types.

Explanation:
The comparison of two different types of object is not allowed.

User response:
Ensure that the object type between compared objects is the same, and try again.

Source:
Java or C++ APIs.

DGL0344A There is no persistent ID for this object.

Explanation:
The persistent ID has not been set for this object.

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

Source:
Java or C++ APIs.

DGL0345A Cannot set the persistent ID to null.

Explanation:
The persistent ID cannot be set to null.

User response:
All objects accessed from the datastore are required to have a persistent ID; null is invalid. Make sure the persistent ID is non-null when setting the persistent ID.

Source:
Java or C++ APIs.

DGL0347A There is no DB2 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 Attempted assignment of different object types.

Explanation:
The assigning of different object types to an object is an illegal operation.

User response:
Make sure that the object type remains unchanged, and try again.

Source:
Java or C++ APIs.

DGL0350A Cannot add; the object content is not set.

Explanation:
The add function requires that you set the object content before adding it to the datastore.

User response:
Use the method `setContentFromClientFile()` or `setContent()` to first set the object content.

Source:
Java or C++ APIs.

DGL0351A Attempted to set the object content to a different type.

Explanation:
You attempted to set the current object's content with content of a different type. For example, you have attempted to set the content of a DKClobDB2 object to the content of DKBlobDB2 object.

User response:
Do not retry the operation. Make sure that you set the current object's content with content of the same type.

Source:
Java or C++ APIs.

DGL0352A Error while opening file: [*nnn*] .

Explanation:
An error occurred while attempting to open the current file. This error occurs when the subject file is already open by another process, the file is access-protected, or the file does not exist.

User response:
Correct the problem and retry the operation.

Source:
Java or C++ APIs.

DGL0353A Error while closing file: [*nnn*] .

Explanation:
An error occurred while attempting to close the current file.

User response:
Close all unnecessary processes and retry the operation.

Source:
Java or C++ APIs.

DGL0354A Unable to determine file length of file: [*nnn*] .

Explanation:
The EOF (end of file) cannot be found for the current 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.

DGL0355A Attempted to concatenate two different object types.

Explanation:
An attempt to illegally concatenate two objects of different type has been made.

User response:
Make sure that the object type is the same, and retry the operation.

Source:
Java or C++ APIs.

DGL0357A Cannot insert with different object type.

Explanation:
An attempt to illegally insert the content of a different object type into the current object's content has been made.

User response:
Make sure that the object type is the same, and retry the operation.

Source:
Java or C++ APIs.

DGL0358A Unable to open file for read.

Explanation:
An error occurred while attempting to open the current file for read-only. This error occurs when the subject file is already open by another process, the file is access-protected or the file does not exist.

User response:
Correct the problem and retry the operation.

Source:
Java or C++ APIs.

DGL0359A File already exists; you chose the option not to overwrite.

Explanation:
fileOption "2" was specified: do not overwrite the existing file. This file exists already and will not be overwritten.

User response:
Use a unique file name or change the file option to fileOption "1": overwrite existing files with the same name and then retry the operation.

Source:
Java or C++ APIs.

DGL0360A Unable to open file for write.

Explanation:
An error occurred while attempting to open the current file for writing or overwriting. This error occurs when the subject file is already open by another process, the file is access-protected, or the file path does not exist. The file might also be in write-protect mode, or its residence disk might be access-protected.

User response:
Correct the problem and attempt to open the current file again.

Source:
Java or C++ APIs.

DGL0361A Unable to open file for append.

Explanation:
An error occurred while attempting to open the specified file for an append. This error occurs when the subject file is already open by another process, the file is access-protected, or the file path does not exist.

User response:
Correct the problem and retry the operation.

Source:
Java or C++ APIs.

DGL0362A File length and written length do not match.

Explanation:
This error occurs when the actual file length and the length information written to other files do not match.

User response:
Check the amount of free disk space and workstation memory and then retry the operation.

Source:
Java or C++ APIs.

DGL0363A Invalid file option.

Explanation:
An incorrect file option has been used for your operation.

User response:
Use one of the following file options and retry the operation:

- Option "1": create or overwrite a file
- Option "2": create but do not overwrite any files
- Option "3": append to an existing file

Source:
Java or C++ APIs.

DGL0364A The DB2 Content Manager part object handle is not set.

Explanation:
A part object handle is required for an object data structure in order to access the part object of the datastore.

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

Source:
Java or C++ APIs.

DGL0365A Affiliated data is not set for the annotation part object.

Explanation:
The affiliated type of this object has been set to `DK_ANNOTATION`; however, the affiliated data for this object has not yet been set.

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

Source:
Java or C++ APIs.

DGL0366A The required search engine information is not set.

Explanation:
This error occurs when this object content is indicated as search-indexed, but `searchEngine`, `searchIndex` and `searchInfo` items of information were not supplied.

User response:
Set the search information with `setSearchEngine()`, `setSearchIndex()` and `setSearchInfo()`.

Source:
Java or C++ APIs.

DGL0367A Error while adding a part, API: [FRN=xxxx, ExtRC=yyyy] .

Explanation:
An error occurred while adding a part to the datastore.

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 recommended action.

Source:
Java or C++ APIs.

DGL0369A Error while updating a part, API: [FRN=xxxx, ExtRC=yyyy]

Explanation:
An error occurred while updating a part in the datastore.

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 recommended action.

Source:
Java or C++ APIs.

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

Explanation:
The specified file name cannot be located because the path, directory or file name does not exist.

User response:
Check the path, directory and file name and then try again.

Source:
Java or C++ APIs.

DGL0371A Close object error. [FRN=xxxx, ExtRC=yyyy] .

Explanation:
An error occurred while closing a part object in the datastore.

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 recommended action.

Source:
Java or C++ APIs.

DGL0372A Object is not updated because the object content has not changed.

Explanation:
This is a status statement; it is not necessary to update the object content if no changes have been made.

User response:
No action is necessary.

Source:
Java or C++ APIs.

DGL0373A Read object only; read a portion of the object.

Explanation:
Reading the object content was only partially successful.

User response:
Make sure that the disk space and memory resources are adequate, and retry the operation.

Source:
Java or C++ APIs.

DGL0374A Cannot allocate memory for file name.

Explanation:
There is not enough system resource to allocate for the current file name.

User response:
Make sure that the disk space and memory resources are adequate, and retry the operation.

Source:
Java or C++ APIs.

DGL0375A No index class defined for this language.

Explanation:
There is no index class defined under the current language setting.

User response:
Set to the correct language, define some new index classes in the current language, or use English. Then, try again.

Source:
Java or C++ APIs.

DGL0376A Data item not found.

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

User response:

Make sure that the data item name belongs to the current DDO. To obtain all the data item names in the current DDO, you can use a loop that calls `getDataName(i)`, where `1 ≤ i ≤ dataCount()`.

Source:
Java or C++ APIs.

DGL0377A Property not found.

Explanation:
The specified property is not found in the current DDO.

User response:
Make sure that the property name belongs to the current DDO. To obtain all the property names in the current DDO, you can use a loop that calls `getPropertyName(i)`, where `1 ≤ i ≤ propertyCount()`.

Source:
Java or C++ APIs.

DGL0378A Data name already exists.

Explanation:
The specified data item name already exists in this DDO. Adding a data item name that duplicates another data item name in this DDO is not allowed.

User response:
Change to a unique data name and retry the operation.

Source:
Java or C++ APIs.

DGL0379A Property name already exists.

Explanation:
The specified property name already exists in the current data item or DDO. Adding a property name that duplicates another property name is not allowed.

User response:
Change to a unique property name and retry the operation.

Source:
Java or C++ APIs.

DGL0380A Data item property not found.

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

User response:
Make sure that the property name belongs to this data item. To obtain all the property names in this data item (located at the data_id position), you can use a loop that calls `getDataPropertyName(data_id, i)`, where `1 ≤ i ≤ dataPropertyCount(data_id)`.

Source:
Java or C++ APIs.

DGL0381A Some properties are not set yet.

Explanation:
Setting a data item value before all properties defined for this data item are first set is not allowed.

User response:
Set the value of data item properties before setting the data item value.

Source:
Java or C++ APIs.

DGL0382A Invalid iterator.

Explanation:
The specified iterator is the incorrect one for this operation.

User response:
Use the correct iterator type and instance that belongs to the specified collection.

Source:
Java or C++ APIs.

DGL0383A Invalid position.

Explanation:
The current iterator position is not valid. It might be either beyond its allowed bounds or pointing at a deleted member.

User response:
Correct the programming.

Source:
Java or C++ APIs.

DGL0385A Data object is null.

Explanation:
The current method does not accept a null data object as a parameter.

User response:
Supply the correct parameter specification for calling the current method.

Source:
Java or C++ APIs.

DGL0386A Protocol not supported.

Explanation:
The specified protocol is not supported by the datastore.

User response:
Use an object with the proper type and protocol as the parameter for calling the method.

Source:
Java or C++ APIs.

DGL0387A Object's datastore type inconsistent.

Explanation:
The datastore type in the DDO persistent ID does not match the type of datastore being invoked to perform the current operation.

User response:
Correct the program and retry the operation.

Source:
Java or C++ APIs.

DGL0388A Object's datastore name inconsistent.

Explanation:
The datastore name in the DDO persistent ID does not match the name of the datastore being invoked to perform the current operation.

User response:
When sending a DDO originating from a source datastore to a destination datastore, set its datastore name to match the name of the destination datastore.

Source:
Java or C++ APIs.

DGL0389A Object type not set.

Explanation:
The object type in this DDO is not set.

User response:
The object type is set to the name of the index class that it belongs to.

Source:
Java or C++ APIs.

DGL0390A Item ID not set.

Explanation:
The item ID in the current DDO is not set. The item ID is required for `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 No connection to datastore.

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

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

Source:
Java or C++ APIs.

DGL0392A Index out of bounds.

Explanation:
The specified data_id used to access data items is out of bounds.

User response:
Correct the programming; the range is `1 ≤ data_id ≤ dataCount()`.

Source:
Java or C++ APIs.

DGL0393A Error in freeing storage: *API_name*, **[***Prefix***=xxxx,** *MoreInfo***=yyyy]**

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

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:
Look up message numbers `xxxx` and `yyyy` in *Content Manager Messages and Codes Version 7 Release 1* for the component and take the recommended action.

Source:
Java or C++ APIs.

DGL0394A Error in DKDatastoreICM.connect, [*Server***=ICMNLSDB,** *UserID***=icmadmin]**

Explanation:
ICM7123: This 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 Data type undefined.

Explanation:
The specified data type is not defined.

User response:
Correct the programming to use a defined data type.

Source:
Java or C++ APIs.

DGL0396A Data type unsupported.

Explanation:
The specified data type is not supported.

User response:
Correct the programming to use a supported data type.

Source:
Java or C++ APIs.

DGL0397A Invalid date.

Explanation:
The format of the date is invalid.

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

Source:
Java or C++ APIs.

DGL0398A Item ID must be blank for add.

Explanation:
When you add a document or folder to a datastore, the item ID field cannot be specified. This will automatically be assigned by the datastore.

User response:
Clear the item ID field.

Source:
Java or C++ APIs.

DGL0399A Item type unknown.

Explanation:
The item is an unknown type. Currently only `document` and `folder` are supported by the datastore.

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

Source:
Java or C++ APIs.

DGL0400A Object type is not valid.

Explanation:
The type of the object either supplied to or used by the component method is not valid.

User response:
See the *Application Programming Reference* 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 up 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 recommended 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 recommended 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 recommended 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:
An error occurred 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 recommended 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 recommended action.

Source:
Java or C++ APIs.

DGL0415A Delete fails because item is checked out.

Explanation:
Deletion of items already checked out is an illegal operation.

User response:
Check in items 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 an illegal type conversion. DKAny expects `DKAny_type-code`.

User response:
Check the type of object inside DKAny and use the proper 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 datastore. 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:
An error occurred 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 recommended 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:
An error occurred 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 recommended action.

Source:
Java or C++ APIs.

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

Explanation:
An error occurred 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 recommended action.

Source:
Java or C++ APIs.

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

Explanation:
An error occurred 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 recommended action.

Source:
Java or C++ APIs.

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

Explanation:
An error occurred 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 recommended action.

Source:
Java or C++ APIs.

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

Explanation:
An error occurred while adding a key field attribute to the datastore.

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 recommended action.

Source:
Java or C++ APIs.

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

Explanation:
An error occurred while deleting a key field attribute from the datastore. This might be 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 recommended action.

Source:
Java or C++ APIs.

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

Explanation:
An error occurred while updating a key field attribute in the datastore. This might be 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 recommended action.

Source:
Java or C++ APIs.

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

Explanation:
An error occurred while adding a new index class to the datastore.

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 recommended 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=yyy]

Explanation:
An error occurred while deleting an index class from the datastore.

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 recommended 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:
An error occurred 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 recommended 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 before retrying the operation.

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 already 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:
An error occurred 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 recommended action.

Source:
Java or C++ APIs.

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

Explanation:
An error occurred 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 recommended action.

Source:

Java or C++ APIs.

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

Explanation:
An error occurred 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 Re ference* and take the recommended action.

Source:
Java or C++ APIs.

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

Explanation:
An error occurred 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 recommended action.

Source:
Java or C++ APIs.

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

Explanation:
An error occurred 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 recommended action.

Source:
Java or C++ APIs.

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

Explanation:
An error occurred 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 recommended action.

Source:
Java or C++ APIs.

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

Explanation:
An error occurred while invoking 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 recommended action.

Source:
Java or C++ APIs.

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

Explanation:
An error occurred 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 recommended action.

Source:
Java or C++ APIs.

DGL0453A Host name, user ID, or password is not set for the media server.

Explanation:
You cannot add a streaming video object to the media server because you have not set the proper information (for example, host name, user ID and password) in the media stream data.

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 invoking 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 neither AND nor 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 datastore type: [*nnn*].

Explanation:
This datastore type is not valid. Some valid datastore 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 incorrect or does not exist. For a regular datastore, use `listEntities()` to get the valid object types, or, for a federated datastore, 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 already exists.

Explanation:
You tried to create a binary data file that already 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.

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 new 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 tried to add a MIME2app object that already 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 new 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 already 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 allowed transaction length of *%2* seconds. Therefore, the transaction will be rolled back, and all persistent updates after the explicit start transaction call will be 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 datastore expires, the transaction will be 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 allowed duration.

User response:
Complete your transaction within the allowed time. Transactions should not remain open for long periods of time. Make persistent changes over a shorter period of time. Check out all items to be modified, modify your data in memory, start a transaction, make all 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 new 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 tried to add a new privilege set object to the database but a privilege set object with the same name already 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 a new 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 tried to add a new access control list object to the memory, but an access control list object with the same name already 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 already exists in the current access control list.

Explanation:
The requested user or user group name already 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 DDO XML attribute's 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 refer to the user's 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 already 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 this is the case, 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. This is 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 this:

   ```
   ACC_USERID  ACC_USERNAME
   ----------  ------------
            0  RMADMIN
            1  ICMADMIN
            2  SISIMGOBJ
   ```

   Important: Your output will have a different user ID than `'SISIMGOBJ'`. Neither `RMADMIN` nor `ICMADMIN` will be 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 number of connections in use reached the maximum setting. Cannot create a new connection.

Explanation:
The connection pool has reached the maximum pool size and no connection is available.

User response:
Try the connection again, or increase the value of `MaxPoolSize` in the `cmbpooljdbc.ini` (for Java) or `cmbpooldb2.ini` (for C++) and restart the application.

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's 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 itsself.

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 should 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 should be less than 32 characters.

User response:
Choose a password in the valid range, less than 32 characters.

Source:
Java or C++ APIs

DGL0584A The server name does not exist.

Explanation:
The datastore name specified during a connect 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's password has expired

Explanation:
The user's password has expired.

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 during a datastore list data sources.

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 can not 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 than 32 characters.

Source:

Java or C++ APIs

DGL0591A The length of user group name can not 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 than 32 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. It is likely that the library is missing, the environment configuration is in error, or the SCHEMA name is specified incorrectly either during connection or in the .ini files.

Explanation:
The icmnlssp DLL or library cannot be loaded. It is likely that it is missing, the environment configuration is incorrect, or the SCHEMA name is specified incorrectly either during connection or in the .ini files.

User response:
Make sure that the DLL or library is located in the proper 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 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 Cannot locate the cmdatamodel.xsd file in the working directory or install directory.

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

User response:
Check if `cmdatamodel.xsd` is in the working directory, or the install 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 already exists in the XML schema.

Explanation:
The XML schema object operated on already 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 DB2 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 DB2 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:
Either create another DDO of the same item type as the one given in the XML document, or correct the XML document to match the item type specified in the DDO, and then repeat the action.

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 DB2 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 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*, already exists in the system. The type is compatible.

Explanation:
The given import attribute declaration already 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 DB2 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 than 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*, **already 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 to be 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*, **already exists in the system. The type is compatible.**

Explanation:
The import attribute group definition already 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 already exists.

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

User response:
Choose 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 on model group, refer to 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:
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 on model group, refer to 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*, already 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:
Either make the element definition the same, that is, with the same set of attributes and child components, or change the element to use a different element name.

Source:
Java APIs

DGL0670A The import element definition, *%1*, already exists in the system. The type is compatible.

Explanation:
The import element definition already 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 shown below.

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 should 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 should 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 etc.] 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, etc.] 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 will be thrown with this error. This can happen if the setProperty method is called with the key as filemaxnumber and you attempt 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. Make a call to 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 will be thrown with this error code, if the configuration file is inaccessible.

User response:
Make sure that the properties file has proper privileges.

Source:
Java or C++ APIs

DGL0802A The import process partially completed, with some errors. Check the log file for the detail information.

Explanation:
During the import process, an error was encountered. But 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 which have already imported successfully and then try again.

Source:
Java APIs

DGL0803A The system administration object that you are importing already 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 a re importing is dependent on an object that does not exist in the target system.

Explanation:
The definition of the system administration object you are importing is dependent on the existence of another system administration 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

DGL0808A The object is not an XML attribute.

Explanation:
The object is not an XML attribute. This is 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:
The object is not an XML element. This is 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 the desired objects exist before invoking 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 the desired object 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*, already exists in the system.

Explanation:
Because the resource manager *%1* object, *%2*, already exists in the system, creating an object is not allowed.

User response:
Update the existing object instead of creating the object in the system.

Source:
Java APIs

DGL0825A The system administrative*%1* object, *%2*, already exists in the system.

Explanation:
Because the system administrative *%1* object, *%2*, already exist in the system, creating an object is not allowed.

User response:
Update the existing object instead of creating the object in the system.

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 already exists in the cache.

Explanation:
An object cannot be added to the cache because it already 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 a DB2 Content Manager 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*, 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:

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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 DB2 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 advance d 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 DB2 Information Integrator for Content database.

User response:
Run the DB2 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

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.

Source:
Java or C++ APIs

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 DB2 Content Manager or DB2 Information Integrator for Content due to an internal error in the MQ Series workflow server.

Explanation:
This group cannot be added to DB2 Content Manager or DB2 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.

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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 Unexpected SQL error occurred.

Explanation:
An unexpected SQL error occurred.

User response:
See the IBM DB2 Universal Database: Message Reference, Volume 1, for information about the given error number. Also see the error log file for more information.

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 Error occurred while library server was attempting to access a DB2 Content Manager internal system control or configuration parameters.

Explanation:
Library sever could not access DB2 Content Manager internal system control or configuration parameters.

User response:
Contact your IBM representatives with the appropriate 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 a DB2 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 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-define d 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.

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 DB2 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:

DGL3999A

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:

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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 a DB2 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 a DB2 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 a DB2 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 a DB2 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 a DB2 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 DB2 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 Error occurred while trying to change priority of work item.

Explanation:
An error occurred while updating the priority of a work package in a DB2 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 a DB2 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 a DB2 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 a DB2 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:
You tried to delete a process that contains work packages. You cannot delete a process that has work packages in it.

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 Invalid character in 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 should 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 Component type should be unique in the item type view.

Explanation:
The component type view associated with this component type already 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 should 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 You need to define the ICMROOT variable on the system.

Explanation:
After you install the library server, you need to 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'` once 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 his or her privilege set, which 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 article for a given journal.

User response:
Rewrite your query with the proper `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 into the resource manager.

Explanation:
The system cannot store data on the resource manager.

User response:
Check the configuration of the Web server and retry the request. If the problem persists, see your system administrator.

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 DB2 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 DB2 Content Manager document model. The CM_DK_Folder attribute cannot be found. This is likely due to incorrectly specifying the document model folder on DDO creation.**

Explanation:
The `DK_CM_DKFolder` attribute could not be 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 enabled for text search. XQPE query: [*nnn*]. Return code: [*nnn*]. Reason code: [*nnn*]. Extended return code: [*nnn*]. Extended reason code: [*nnn*].**

Explanation:
You must enable the database for text search.

User response:
You can enable 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:
You tried to create a new item type and an error occurred 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 DB2 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

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 DB2 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 DB2 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 An error occurred when trying to create item on the server. The library server returned return code [*nnn*] reason code [*nnn*] extended return code [*nnn*] and extended reason code [*nnn*] .

Explanation:
None.

User response:
Use the DB2 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

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 DB2 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 library server.

Explanation:
You defined a data or attribute type that the DB2 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 Cannot project attributes on component because parent component [*nnn*] does not have projected attributes.

Explanation:
You tried to 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 above 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 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. At least one 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 and continue working because the desired 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 and 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 Get output stream for connection to resource manager failed.

Explanation:
The host name or IP address of a resource manager might not be specified correctly, or the resource manager is not up and running.

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.

Source:
Java or C++ APIs

DGL5162A System Managed Storage (SMS) request to resource manager failed: [*nnn*] .

Explanation:
An SMS request to a resource manager failed.

User response:
Correct any errors indicated in the message 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 request was sent to a resource manager.

User response:
Record the information from the message to correct any possible errors that might cause the failure. Make sure the resource manager is up and running.

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 that of 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 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 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.

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:

- 4K page size: 4005 bytes
- 8K page size: 8101 bytes
- 16K page size: 16293 bytes
- 32K 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 DB2® Text Information Extender or DB2 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 enabled for text search.

Explanation:
You have to enable the database for text search.

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.

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 defined is not nullable.

Explanation:
A value was not specified for an attribute, but the definition for this attribute requires that a value be 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 Object name [*nnn*] is neither a valid item type nor a valid component type name. A valid item type name was expected.

Explanation:
The object name should 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 illegal action was attempted in the executeWithCallback() thread. No OO API calls are allowed from the executeWithCallback() thread.

Explanation:
You tried to call a datastore method by using `dataCallback()` method in a callback object. Datastore calls are not allowed from the callback object.

User response:
Change the application code that implements the callback object so that it does not make calls to the datastore.

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 and adding it as a separate predicate connected to the IN predicate with an OR operator. The query `"/Book[@NumPages IN (23, 42, @VERSIONID) ]"` should be rewritten as `"/Book[(@NumPages IN (23, 42)) OR (@NumPages = @VERSIONID)]"`.

Source:
Java or C++ APIs

DGL5300A A system call that you made was interrupted by the windows socket WSACancelBlockingCall call.

Explanation:
A system call interrupted the communication.

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:
Retry the connection.

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 enabling 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 enabled.

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 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 completed immediately.

Explanation:
You cannot complete 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 complete and retry the operation.

Source:
Java or C++ APIs

DGL5307A A socket blocking function is in progress.

Explanation:
You cannot complete 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:
Retry the operation.

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 complete and retry the operation.

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 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 Message 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 Protocol invalid 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 Socket type 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 alternative socket type.

Source:
Java or C++ APIs

DGL5316A Operation not supported against socket.

Explanation:
You cannot perform the specified operation on this type of 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:
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 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 socket is already connected.

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 Cannot send data after socket has been shutdown.

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:
Retry sending the data 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 found.

Explanation:
The metadata in the Domain Name System (DNS) is incorrect.

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 Cannot create file when it already exists.

Explanation:
You tried to create a file that already exists in the system.

User response:
Change the file creation flags.

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.

User response:

Free up unused memory.

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.

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 Attribute named *%1* contains a string of length *%2* which 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. Note that beginning and ending white space might be included in string length unless trimmed explicitly by the user application.

User response:
Choose 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 referred to a class (indicated in the error message) that could not be located given the specified class name. For more information on 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 classpath correctly includes the directory or jar file in which the class file is located. Check for any Java package information that may need to 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 appears in the file name that contains the class.

Source:
Java or C++ APIs

DGL5412A Registered exit implementation class *%1* **is 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, referred to a class (indicated in the error message) that could not be located given the specified class name. For more information on Item Exits and Resource Item Exits registration, refer to the DKItemExitsICM class documentation in the *Application Programming Reference*. For more information on 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 datastore connect operation for the specified entry to ensure that the correct class name is entered. Check for capitalization. Validate that your classpath correctly includes the directory or JAR file in which the class file is located. Check for any Java package information that might need to 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 appears 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 appear to extend any valid base classes. See the DKItemExitsICM class documentation in the *Application Programming Guide* for more information on valid base classes.

User response:
Check 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 should extend the DKItemExitsICM interface. For resource-level exits in addition to item-level exits, the recommended implementation is to extend the DKResourceItemExitsICM interface.

Source:
Java or C++ APIs

DGL5414A 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 appear to 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 the exit implementation class indicated in the error message. Review the source code and/or 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 should extend the DKItemExitsICM interface. For resource-level exits in addition to item-level exits, the implementation should 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 appear to extend any valid base classes. See the DKItemExitsICM class documentation in the *Application Programming Reference* , for more information on valid base classes.

User response:
Check the exit implementation class indicated in the error message. Review the source code and/or 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 should extend the DKItemExitsICM interface. For resource-level exits in addition to item-level exits, the implementation should 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 datastore 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, refer to the DKItemExitsICM class documentation in the *Application Programming Reference*.

User response:
Review the connect string options specified for the datastore connect operation for the entry specified and 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, thereby 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. Class instance could not be created. Connect string options entry** *%2***.**

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 default 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*.

User response:
Check the implementation of the class that was registered for item exits (indicated in the error message). Review the source code and/or 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

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; or failed instantiation for another reason. 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 an abstract class, interface, array class, a primitive type, or void. It could have failed for other reasons that might appear 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 on the API log and its trace settings. For more information on item exits registration, refer to 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 third party. 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 on 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, or failed instantiation for another reason. Connect string options, entry** *%2***.**

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 an abstract class, interface, array class, a primitive type, or void. It could have failed for other reasons that may appear in the API log file `dklog.log` if the log trace setting is `ERROR` or greater. Refer to documents 1064468 and 1064476 on the Web Based Technical 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 on item exits registration, refer to 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 third-party. 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 on 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 - DGL7329A

API messages DGL7087A - DGL7329A 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

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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.

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 children terms cannot be NULL for operator [*nnn*] .**

Explanation:
For an operator like NOT, one of the child query terms has to 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 appear as the target of the dereference for forward traversal of references. For example, a query such as /Conference/ Conference_Note/ @SYSREFERENCEATTRS = > . . . is invalid because the elipsis operator (. . .) cannot 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 dereference 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:
You constructed a projection list for this item type that 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:
You specified that you are 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 Illegal 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 illegal 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 executed by the database.

When DB2 Content Manager processes an XPath query, it translates the query into an SQL statement that runs against the Content Manager database to produce the desired results. This error means that the SQL that was generated for the XPath query became too long or too complex for the database to execute.

Most likely, the query contains too many wildcards (*) and did not have enough hints with the wildcards to allow 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 th at are allowed 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 allowed 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 desired views instead of using a wildcard. There is a reasonable chance that your application is actually interested in less than the complete 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 "//*" allows 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 allowed.

User response:
Retry the request after the object is completely 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, it means the replicator needs to update the object and no user retrieval of the object is allowed.

User response:
Retry the request after the object is completely 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. And 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 should 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 a DB2 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 a DB2 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 DB2 Content Manager or DB2 Information Integrator for Content because of an error in MQ Workflow Server.

Explanation:
The group cannot be added to DB2 Content Manager or DB2 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 DB2 Content Manager Version 8, Release 1 client is using a DB2 Content Manager Version 8, Release 2 server with replication enabled.

Explanation:
Replication is not supported for DB2 Content Manager Version 8.1 clients.

User response:
Disable replication on the DB2 Content Manager 8.2 server or use a DB2 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 DB2 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 DB2 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 DB2 Content Manager data model.

Explanation:
The DB2 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:
DB2 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, DB2 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:
DB2 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 DB2 Records Manager host associated with DB2 Content Manager.

Explanation:
An item type can be enabled for records only when there is a DB2 Records Manager host associated with DB2 Content Manager.

User response:
Disable this item type for records or associate a DB2 Records Manager with DB2 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 on the z/OS operating system.**

Explanation:
This method is not supported under CICS on the z/OS operating system.

User response:
No action is required.

Source:
Java or C++ APIs

DGL7280A The user exit may have decided that the new password is not valid.

Explanation:
The user exit might have decided that the new password is not valid. This can happen if you try to change the password or create a new password when a new user is being created. An additional reason code and diagnostic messages are returned by the user exit and logged in the library server log.

The reason code is defined by your administrator and might indicate the reason for the failure.

User response:
Ensure that the password you entered follows the guidelines set by your enterprise. Enter a new password.

Source:
Java and 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 DB2 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 DB2 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 DB2 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 DB2 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 DB2 Content Manager content operations function, provide a DB2 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 DB2 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 DB2 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.administeringcm.doc/dcmbp043.htm.

Source:
Java or C++ APIs

DGL7296A The login configuration file in the DB2 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 DB2 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 DB2 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 DB2 Content Manager content operations function was specified.

Explanation:
The VWAttachment library type field was not set to the DB2 Content Manager library type.

User response:
Before you call any DB2 Content Manager content operations function, provide a DB2 Content Manager library type.

Source:
Java or C++ APIs

DGL7299A The data store name in the DB2 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 DB2 Content Manager content operations function, provide an existing DB2 Content Manager library server data store name.

Source:
Java or C++ APIs

DGL7300A The persistent ID string in the DB2 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 DB2 Content Manager content operations function, provide a DB2 Content Manager persistent ID string.

Source:
Java or C++ APIs

DGL7301A The data store name in the DB2 Content Manager content operations function does not match the data store name in the persistent ID.

Explanation:
The VWAttachment library name field in the DB2 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 DB2 Content Manager content operations function, provide a DB2 Content Manager library server data store name that matches the data store name in persistent ID.

Source:
Java or C++ APIs

DGL7302A The attribute name in the DB2 Content Manager content operations function is not valid.

User response:
Before you call the DB2 Content Manager content operations function, provide a valid DB2 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 DB2 Content Manager content operations function does not have a corresponding data type.

User response:
Ensure the DB2 Content Manager attribute name contains a corresponding data type in DB2 Content Manager.

Source:
Java or C++ APIs

DGL7304A The initialization function in the DB2 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 DB2 Content Manager content operations function cannot load the DB2 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 DB2 Content Manager content operations function cannot access the DB2 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 DB2 Content Manager content operations function requires a VWAttachment object or array of VWAttachment objects.

Explanation:
The VWAttachment object in the DB2 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 DB2 Content Manager content operations function contains a VWAttachment object or an array of VWAttachment objects. Information about DKContentOperationsICM APIs that are supported by DB2 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.administeringcm.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 DB2 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 DB2 Content Manager content operations function has an incorrect keyword in the input property array.

User response:
In the DB2 Content Manager content operations function, provide a keyword in the input property array. Information about supported DKContentOperationsICM APIs in DB2 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 DB2 Content Manager content operations function does not exist.

User response:
Before calling the DB2 Content Manager content operations function, provide an existing item type name. Information about supported DKContentOperationsICM APIs in DB2 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 DB2 Content Manager content operations function does not exist.

User response:
Before you call the DB2 Content Manager content operations function, provide an existing child component name. Information about supported DKContentOperationsICM APIs in DB2 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 DB2 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 DB2 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 DB2 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 DB2 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 DB2 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 DB2 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

DGL7320A The number of child component attribute values in the DB2 Content Manager content operations function did not match the existing number of child component attribute values for the document, folder, or item in DB2 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 DB2 Content Manager. Information about DKContentOperationsICM APIs that are supported in DB2 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 DB2 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 DB2 Content Manager. Information about DKContentOperationsICM APIs that are supported in DB2 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 DB2 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 DB2 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 DB2 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 DB2 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 DB2 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.

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:

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Remove any connections to or from a node that is between split and join nodes.

EHLE0047A No path was found from the {0} to the {1}.

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 start node through the nodes in the diagram.

User response:
Click the error message to select the node. You can then evaluate the path between the nodes.

EHLE0047E A route that ends at a join node must 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.

EHLE0052A No name was specified for the {0}.

Explanation:
Although some nodes do not require a name, this specific node does.

User response:
Double-click the error message to open the Properties window. Specify a name for the node.

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 ope n 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 DB2 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.

Source:
Workflow builder

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.

Source:
Workflow builder

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.

Source:
Workflow builder

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:
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.

Source:
Workflow builder

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EHLE0052A No name was specified for the node [*nnn*] .

Explanation:
A name is required for the identified node. You must specify a name for it.

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 node's property window is displayed, where you can specify a name and description for the node.

Source:
Workflow builder

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 DB2 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 DB2 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

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.

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.

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.

Source:
Library server

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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 re-run your operation.

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. Please refer to the server log for more details or contact your IBM representative.**

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.

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.

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.

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.

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

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.

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 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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

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

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.

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 DB2 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

ICM7096 **Specified item ID does not exist.**

Explanation:
None.

User response:
Specify a valid item ID.

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.

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.

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.

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.

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.

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 DB2 Content Management administrator.

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

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.

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.

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.

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.

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.

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.

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.

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 has to be provided when logging on to DB2 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 DB2 Content Manager was reached. See your system administrator for a new password.

Explanation:
None.

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 Used only for internal testing.

Explanation:
None.

User response:
None.

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.

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.

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.

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.

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.

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.

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 **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 DB2 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 DB2 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

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 DB2 Content Manager with privilege set ICMTrustedLogonPrivSet and the system control flag TrustedLogon is set.**

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

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.

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

ICM7201 **The user does not have the privilege to check out items.**

Explanation:
You do not have the privilege to check out these items.

User response:
Do not check out these items.

Source:
Library server

ICM7205 **The user does not have the privilege to delete items.**

Explanation:
You do not have the privilege to delete these items.

User response:
Do not delete these items.

Source:
Library server

ICM7207 **The user does not have the privilege to list item types.**

Explanation:
You do not have the privilege to list these item types.

User response:
Do not list these item types.

Source:
Library server

ICM7211 **The user does not have the privilege to query items.**

Explanation:
You do not have the privilege to query these items.

User response:
Do not query these items.

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

ICM7220 **Connected user ID is not allowed to update the item.**

Explanation:
You do not have the privilege to update this item.

User response:
Do not update the item.

Source:
Library server

ICM7221 **An internal error occurred.**

Explanation:
None.

User response:
Save the server log and see your IBM service representative.

Source:
Library server

ICM7231 **The user does not have the privilege to per form the requested operation on an item.**

Explanation:
You do not have the privilege to perform the requested operation on an item.

User response:
Do not perform the requested operation.

Source:
Library server

ICM7232 **The user does not have the privilege to perform the requested operation on an item type view.**

Explanation:
You do not have the privilege to perform the requested operation on an item type view.

User response:

Either do not perform the requested operation, or define the item view privilege in the privilege set associated with the user in the access control list for the item type view.

Source:
Library server

ICM7233 **The user does not have the privilege to create an item.**

Explanation:
You do not have the privilege to create this item.

User response:
None.

Source:
Library server

ICM7236 **The user does not have the privilege to delete a document.**

Explanation:
You do not have the privilege to delete this document.

User response:
Do not delete this document.

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.

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. If necessary, see your IBM service representative.**

Explanation:
An internal error occurred.

User response:
Follow the recommended action in the message text.

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"
```

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"
```

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"
```

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"
```

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"
```

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.

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.

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.

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.

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

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

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

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.

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.

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.

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.

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.

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 DB2 Information Integrator for Content Version 8, Release 1 tried to create or update an item under the item type that is replication-enabled; DB2 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

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.

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

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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

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 DB2 Information Integrator for Content Version 8.3 supported with the Version 8.4 library server is 8.3.0.610.

Resource manager messages

The resource manager messages describe problems and possible solutions for transactions, collections, and retrieve, delete, and store operations.

0000 **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

ICM0000 **Transaction successful.**

Explanation:
Request to resource manager successful.

User response:
None.

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 cannot be updated 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

ICM9707 **Server not found for the volume of the object.**

Explanation:

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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 Retrieve failure, invalid update date.

Explanation:
The update date on the incoming order was invalid. The update date must exist in the order and be in the correct format.

User response:
Correct the format of the update date.

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 VideoCharger , or Media Archiver

User response:
Make sure that VideoCharger or 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 VideoCharger or Media Archiver FTP server information failure.

Explanation:
An attempt to get information from the FTP server for VideoCharger, or the Media Archiver, failed.

User response:
Make sure that the FTP server for VideoCharger, or 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 error occurred when registering 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 recommended action in the User Response section 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:
An error occurred when 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 recommended action in the User Response section for the corresponding return code.

Source:
Resource manager

ICM9861 dsmBeginGetData failed, return code : [*nnn*] .

Explanation:
An error occurred when 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

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 doesn't exist. Exiting.**

Explanation:
The resource manager Web application either 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, then the application needs to be redeployed.

Source:
Resource manager

ICM9871 **Starting IBM DB2 Content Manager {0} resource manager processes.**

Explanation:
Attempting to start the resource manager components migrator, replicator, purger, and stager.

User response:
This is an information message indicating that the resource manager components are being invoked.

Source:
Resource manager

ICM9872 **Stopping IBM DB2 Content Manager {0} resource manager processes.**

Explanation:
Attempting to stop the resource manager components migrator, replicator, purger, and stager.

User response:
This is an information message indicating that the resource manager components are being stopped.

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 statement(s) to be applied to the database.

User response:
Examine the SMSMsg for details of the error. You might find that required parameters are missing, or values are 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:
You attempted to start a process, but the process is already running.

User response:
No action is necessary. This is an informational message. ## Multiple starts are not permitted for the same process.

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

ICM9900 **Invalid date format: {0}. Valid date format is YYYY-MM-DD-hh.mm.ss (2002-12-31-00.00.00).**

Explanation:
The date entered as input is not a recognized date. The format should 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 An error occurred while trying to obtain the logging configuration for the requested component.

Explanation:
Cannot obtain the logging configuration for the requested component.

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:
In order to maintain transaction integrity the library server maximum TX duration must be honored.

User response:
Check the value of the Max Tx Duration in the library system control database table and increase as necessary. The database SQL might need to 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 Message was sent chunk transfer encoded.

Explanation:
The Message was sent out from the resource manager chunk transfer encoded.

User response:
None

Source:
Resource manager

ICM9957 Message was received chunk transfer encoded.

Explanation:
The message was received chunk transfer encoded by the resource manager.

User response:
None

Source:
Resource manager

ICM9958 Trailer was written (Attribute: {0} / Value: {1})

Explanation:
The message sent out from the resource manager contained a trailer.

User response:
None.

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 An error occurred while writing the object with item ID {0} / transaction ID {1} across multiple volumes. The error occurred while writing to volume {2}.

Explanation:
An error occurred while writing 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 Existence of object could not be verified.

Explanation:
An error occurred while v erifying the existence of the object in the resource manager.

User response:

No action required.

Source:
Resource manager

ICM9965 The IBM DB2 Content Manager directory cannot be found.

Explanation:
The IBM DB2 Content Manager directory specified cannot be found or is not correct.

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 DB2 Content Manager administrator.

ICM9992 The resource manager context has not been set.

Explanation:
The resource manager context has not been set.

User response:
Set the resource manager environment context before making this call.

ICM9993 Invalid data source.

Explanation:
The WebSphere® data source definition is invalid 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 database connections. To validate the connection between the Web application and the resource manager database:

1. Log on to your WebSphere Application Server console.
2. Select **Resource → JDBC** and click **Data source**.
3. Select the data source for your resource manager application. It has the form RMAPPLICATIONAME_database.
4. Click **Test connection**.

If verification fails 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; it will be deleted on the next delete 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. The deletion process will delete the object on the next cycle.

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.

DB2 Content Manager for z/OS resource manager messages

The messages describe problems and possible solutions for the DB2 Content Manager for z/OS resource manager.

0000 zOS 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 zOS HTTP Server attempts to read in the request entity body.

User response:
Ensure that the request entity body is complete. You can also, check the sysout output and locate the HTTP reply to determine the error.

Source:
Resource manager

ICM0001E HTTP Read Error.

Explanation:
The HTTP request received by the resource manager was not properly formatted. This generally happens when there is a missing DB2 Content Manager label value pair.

User response:
Set the trace level in the ICMRMCONTROL table to 3 and retry the operation. Check the sysprint output and locate the HTTP parameter indicating missing, correct the HTTP request and retry.

Source:
Resource manager

ICM0002E HTTP Extract error.

Explanation:
The HTTP request received by the resource manager was not properly formatted. This request is normally encountered when an expected value is larger than expected.

User response:
Set the trace level in the ICMRMCONTROL table to 3 and rerun the failing scenario. If the failure persists, set the trace level to 3 and contact your IBM service representative.

Source:
Resource manager

ICM0003E 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 3 and rerun the failing scenario. If the problem persists, contact your IBM service representative.

Source:
Resource manager

ICM0004E 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 3 and contact your IBM service representative.

Source:
Resource manager

ICM0005E Thread join error.

Explanation:
For future use. Not currently implemented.

User response:
No action required.

Source:
Resource manager

ICM0006E 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 3 and retry the failed operation. Check the sysprint output; look for the HTTP parameter that fails extraction. If the failure persists, set the trace level to 3 and contact your IBM service representative.

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Source:
Resource manager

ICM0007E 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

ICM0008E 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

ICM0009E 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

ICM0010E 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

ICM0011E 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

ICM0012E 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

ICM0013E 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

ICM0014E 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

ICM0015E 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

ICM0016E 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

ICM0017E 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

ICM0018E 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 sysprint of the resource manager log is set to debug tracing. If the incoming request was generated outside the DB2 Content Manager APIs, correct the request and try again. If the failure persists, contact your IBM service representative.

Source:
Resource manager

ICM0019E 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 DB2 Content Manager APIs, correct the error and retry. If the failure persists, set the trace level to 3 and call your IBM service representative.

Source:
Resource manager

ICM0020E 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 3 and contact your IBM service representative.

Source:

Resource manager

ICM0021E 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 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. Take the appropriate action described in the guide and then retry the failed operation. If the failure persists, set the trace level to 3 and contact your IBM service representative.

Source:
Resource manager

ICM0022E 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. Take the appropriate action described in the guide and then retry the failed operation. If the failure persists, set the trace level to 3 and contact your IBM service representative.

Source:
Resource manager

ICM0023E 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. Take the appropriate action described in the guide and then retry the failed operation. If the failure persists, set the trace level to 3 and contact your IBM service representative.

Source:
Resource manager

ICM0024E 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. Take the appropriate action described in the guide and then retry the failed operation. If the failure persists, set the trace level to 3 and contact your IBM service representative.

Source:
Resource manager

ICM0025E 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 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. Take the appropriate action described in the guide and then retry the failed operation. If the failure persists, set the trace level to 3 and contact your IBM service representative.

Source:
Resource manager

ICM0026E 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 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. Take the appropriate action described in the guide and then retry the failed operation. If the failure persists, set the trace level to 3 and contact your IBM service representative.

Source:
Resource manager

ICM0027E 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. Take the appropriate action described in the guide and then retry the failed operation. If the failure persists, set the trace level to 3 and contact your IBM service representative.

Source:
Resource manager

ICM0028E 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. Perform the suggested correction and then retry the failed operation. If the failure persists, set the trace level to 3 and contact your IBM service representative.

Source:
Resource manager

ICM0029E 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 3 and retry the failed operation. If the failure persists, contact your IBM service representative.

Source:
Resource manager

ICM0030E 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 3 and retry the failed operation. If the failure persists, contact your IBM service representative.

Source:
Resource manager

ICM0031E 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 3 and rerun the failing scenario. If the failure persists, contact your IBM service representative.

ICM0032E 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 3 and contact your IBM service representative.

Source:
Resource manager

ICM0033E 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 3 and contact your IBM service representative.

Source:
Resource manager

ICM0034E 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 3 and then retry the failed operation. Check the resource manager log to determine the cause and corrective action to perform. If the failure persists, set the trace level to 3 and contact your IBM service representative.

Source:
Resource manager

ICM0035E Token is invalid.

Explanation:
The security object token passed to the resource manager on the failing request is invalid.

User response:
A DB2 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 DB2 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 DB2Content Manager system administration client.

After you make the correction, retry the failed operation. If the failure persists, set the trace level to 3 and contact your IBM service representative.

Source:
Resource manager

ICM0036E 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 3 and contact your IBM service representative.

Source:
Resource manager

ICM0037E 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 3 and contact your IBM service representative.

Source:
Resource manager

ICM0038E 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 generally due to a malformed HTTP request. Check to see if this request was generated outside the DB2 Content Manager APIs. Correct it and then retry the operation. If the failure persists, set the trace level to 3 and contact your IBM service representative.

Source:
Resource manager

ICM0039E Error reading SYSIN file.

Explanation:
While attempting to read the ICMMRMWS datamember, a failure occurred.

User response:
Ensure that the datamember contents are properly formatted and then retry the operation. If the failure persists, set the trace level to 3 and contact your IBM service representative.

Source:
Resource manager

ICM0040E Error opening SYSIN file.

Explanation:
While attempting to open the ICMMRMWS datamember, a failure occurred.

User response:
Ensure that the datamember exists at the location specified by in the HTTP server procedure. If the failure persists, set the trace level to 3 and contact your IBM service representative.

Source:

Resource manager

ICM0041E Invalid SYSIN file directive.

Explanation:
While attempting to read the ICMMRMWS datamember, a failure occurred.

User response:
Ensure that the datamember pointed to in the HTTP server procedure is properly formatted. If the failure persists, set the trace level to 3 and contact your IBM service representative.

Source:
Resource manager

ICM0042E 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 3 and contact your IBM service representative.

Source:
Resource manager

ICM0043E 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. Perform the corrective steps and then try connecting to the library server again. If the failure persists, set the trace level to 3 and contact your IBM service representative.

Source:
Resource manager

ICM0044E 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. Perform the corrective steps and then try connecting to the library server again. If the failure persists, set the trace level to 3 and contact your IBM service representative.

Source:
Resource manager

ICM0045E 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 DB2 error message that might be the cause of the access failure. Perform the corrective steps and then try accessing the ICMRMASYNCH replication table. If the failure persists, set the trace level to 3 and contact your IBM service representative.

Source:
Resource manager

ICM0046E 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 3 and then retry the operation. If the failure persists, set the trace level to 3 again and contact your IBM service representative.

Source:
Resource manager

ICM0047W 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 3 and contact your IBM service representative.

Source:
Resource manager

ICM0048E 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 and perform the suggested corrective action and try

deleting the entry again. If the failure persists, set the trace level to 3 and contact your IBM service representative.

Source:
Resource manager

ICM0049W 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 3 and contact your IBM service representative.

Source:
Resource manager

ICM0050E 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. Perform the appropriate action described in the guide and then retry the operation. If the failure persists, set the trace level to 3 and contact your IBM service representative.

Source:
Resource manager

ICM0051E 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

ICM0052E 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. 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 3 and contact your IBM service representative.

Source:
Resource manager

ICM0053E 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. 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 3 and contact your IBM service representative.

Source:
Resource manager

ICM0054E 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

ICM0055E 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. Perform the appropriate action described in the guide and then retry the operation. If the failure persists, set the trace level to 3 and contact your IBM service representative.

Source:
Resource manager

ICM0056E 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 3 and contact your IBM service representative.

Source:
Resource manager

ICM0057E 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 3 and contact your IBM service representative.

Source:
Resource manager

ICM0058E 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 3 and contact your IBM service representative.

Source:
Resource manager

ICM0059E 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 3 and contact your IBM service representative.

Source:
Resource manager

ICM0060E 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 3 and contact your IBM service representative.

Source:
Resource manager

ICM0061E 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 and corrective action and then retry the operation. If the failure persists, set the trace level to 3 and contact your IBM service representative.

Source:
Resource manager

ICM0062E 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 and corrective action and then retry the operation. If the failure persists, set the trace level to 3 and contact your IBM service representative.

Source:
Resource manager

ICM0063E 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 3 and contact your IBM service representative.

Source:
Resource manager

ICM0064E 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 3 and contact your IBM service representative.

Source:
Resource manager

ICM0065E CAF open error.

Explanation:
During a Call Attach Facility operation attempting to connect to DB2, a failure occurred.

User response:
Check the resource manager sysprint for indication of action to perform to correct the error. Also, try turning on the DSNTRACE in the Webserver procedure and then retry the operation. If the failure persists, set the trace level to 3 and contact your IBM service representative.

Source:
Resource manager

ICM0066E CAF disconnect error.

Explanation:
During a Call Attach Facility operation attempting to disconnect from DB2, a failure occurred.

User response:
Check the resource manager sysprint for the corrective action to perform. 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 3 and contact your IBM service representative.

Source:
Resource manager

ICM0067E 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 sysprint and correct the name of the resource manager being passed in. This value is case-sensitive. If the failure persists, set the trace level to 3 and contact your IBM service representative.

Source:
Resource manager

ICM0068E 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 sysprint and correct the name of the collection being passed in. This value is case-sensitive. If the failure persists, set the trace level to 3 and contact your IBM service representative.

Source:
Resource manager

ICM0069E Item checkin failure.

Explanation:
While attempting to check in an item in an asynchronous process, a failure occurred.

User response:
Check the resource manager sysprint to determine which item checkout fails. If this item is checked out by another process, wait and then retry. If the failure persists, set the trace level to 3 and contact your IBM service representative.

Source:
Resource manager

ICM0070E 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 DB2 Content Manager. If the failure persists, set the trace level to 3 and contact your IBM service representative.

Source:
Resource manager

ICM0071E 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 3 and contact your IBM service representative.

Source:
Resource manager

ICM0072E 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 3 and contact your IBM service representative.

Source:
Resource manager

ICM0073E 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 3 and contact your IBM service representative.

Source:
Resource manager

ICM0074E 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 3 and contact your IBM service representative.

Source:
Resource manager

ICM0075E 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 3 and contact your IBM service representative.

Source:
Resource manager

ICM0076E 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 sysprint of the resource manager and the icmserver.log of the library server. If the failure persists, set the trace level to 3 and contact your IBM service representative.

Source:
Resource manager

ICM0077E 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 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. Take the appropriate action described in the guide and retry the operation. If the failure persists, set the trace level to 3 and contact your IBM service representative.

Source:
Resource manager

ICM0078E 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 3 and contact your IBM service representative.

Source:
Resource manager

ICM0079E CAF Close error.

Explanation:
An error occurred during a Call Attach Facility operation attempting to disconnect from DB2.

User response:
Check the resource manager sysprint for action to correct the error. 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 3 and contact your IBM service representative.

Source:
Resource manager

ICM0080W 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 sysprint for the action to correct the error. Try turning on the DSNTRACE in the Webserver procedure and then retry the operation. If the failure persists, set the trace level to 3 and contact your IBM service representative.

Source:
Resource manager

ICM0081E CAF connect error.

Explanation:
During a Call Attach Facility operation attempting to connect to DB2, a failure occurred.

User response:
Check the resource manager sysprint for the action to correct the error. Try turning on the DSNTRACE in the Webserver procedure and then retry the operation. If the failure persists, set the trace level to 3 and contact your IBM service representative.

Source:
Resource manager

ICM0082E 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 and then retry the operation. If the failure persists, set the trace level to 3 and contact your IBM service representative.

Source:
Resource manager

ICM0083E 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 sysprint output to determine the library server return code and suggested action to perform. 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 3 and contact your IBM service representative.

Source:
Resource manager

ICM0084E 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 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. Take the appropriate action described in the guide and retry the operation. If the failure persists, set the trace level to 3 and contact your IBM service representative.

Source:
Resource manager

ICM0085E 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. If the failure persists, set the trace level to 3 and contact your IBM service representative.

Source:
Resource manager

ICM0086E 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. Also, check the library server log for the corrective action required. If the failure persists, set the trace level to 3 and contact your IBM service representative.

Source:
Resource manager

ICM0087E 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 3 and contact your IBM service representative.

Source:
Resource manager

ICM0088E No host name found.

Explanation:
When attempting a replication operation as a hostname, the hostname was not found.

User response:
Check the resource manager sysprint. 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 3 and contact your IBM service representative.

Source:
Resource manager

ICM0089E 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

ICM0090E 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

ICM0091E 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 sysprint to determine the cause of the replication failure. Retry the operation. If the failure persists, set the trace level to 3 and contact your IBM service representative.

Source:
Resource manager

ICM0092E 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 3 and contact your IBM service representative.

Source:
Resource manager

ICM0093E 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 3 and contact your IBM service representative.

Source:
Resource manager

ICM0094W Update of ICMRMASYNCH failed. Most likely cause is entry has already been deleted.

Explanation:
While updating the ICMRMASYNCH table, a failure occurred.

User response:
Check the resource manager's sysprint. An update error to the ICMRMASYNCH table is generally due to a DB2 error. Correct the cause of the DB2 failure listed in the resource manager's sysprint 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 3 and contact your IBM service representative.

Source:
Resource manager

ICM0095E 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 3 and contact your IBM service representative.

Source:
Resource manager

ICM0096E 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's sysprint output for the DB2 error related to the inability to access the ICMRMPREFETCH table, take the corrective action and rerun the failed operation. If the failure persists, set the trace level to 3 and contact your IBM service representative.

Source:
Resource manager

ICM0097E 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 sysprint log for the OAM return code. Take the corrective measures and then rerun the failing operation. If the failure persists, set the trace level to 3 and contact your IBM service representative.

Source:
Resource manager

ICM0098E 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 sysprint and the prefetch XML request for proper formatting and then rerun the failing operation. If the failure persists, set the trace level to 3 and contact your IBM service representative.

Source:
Resource manager

ICM0099E 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 sysprint output. Locate the DB2 related error that might indicate the error that

prevented the delete from the ICMRMTRK table from occurring. Correct this condition and then rerun the failing operation. If the failure persists, set the trace level to 3 and contact your IBM service representative.

Source:
Resource manager

ICM0100E 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 sysprint to determine the cause of the error. Possibly, the store portion of the REPLACE operation did not complete or the temporary object has been deleted from OAM outside of DB2 Content Manager. If the failure persists, set the trace level to 3 and contact your IBM service representative.

Source:
Resource manager

ICM0101E 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 sysprint to determine the cause of the error. Possibly, the store portion of the REPLACE operation did not complete or the temporary object has been deleted from OAM outside of DB2 Content Manager. If the failure persists, set the trace level to 3 and contact your IBM service representative.

Source:
Resource manager

ICM0102E Replacement object data store to OAM failed.

Explanation:
An error occurred storing the temporary object to OAM.

User response:
Check the resource manager sysprint for the OAM return code and reason code for the OAM failure, correct and rerun the failing operation. If the failure persists, set the trace level to 3 and contact your IBM service representative.

Source:
Resource manager

ICM0103E 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 sysprint output for the OAM RC and reason code, correct and rerun the failing operation. If the failure persists, set the trace level to 3 and contact your IBM service representative.

Source:
Resource manager

ICM0104E 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 3 and contact your IBM service representative.

Source:
Resource manager

Descriptor code:
RC_SSID_INVALID_LENGTH_ERROR

Return code 9925 will display.

ICM0105E **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 3 and contact your IBM service representative.

Source:
Resource manager

ICM0106E **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 3 and contact your IBM service representative.

Source:
Resource manager

ICM0107W **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

ICM0108W **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

ICM0109W **Input DB2PLANNAME greater than 8 characters and has been truncated. Verify DB2PLANNAME in ICMMRMWS datamember.**

Explanation:
DB2PLANNAME must be 8 characters in length. If they are greater than 8 they will be truncated.

User response:
Check the ICMMRMWS datamember and ensure that the value is set correctly.

Source:
Resource manager

ICM0110W **Input DB2SUBSYSID is greater than 4 characters and has been truncated. Verify DB2SUBSYSID in ICMMRMWS datamember.**

Explanation:
Subsystem IDs must be 4 characters in length. If they are greater they will be truncated.

User response:
Check the ICMMRMWS datamember and ensure the value is set correctly.

Source:
Resource manager

ICM0111E **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 sysprint output for the DB2 error code, correct and rerun the failed operation. If the failure persists set the trace level to 3 and contact your IBM service representative.

Source:

Resource manager

ICM0112E 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 sysprint output for the DB2 error code, correct and rerun the failed operation. If the failure persists set the trace level to 3 and contact your IBM service representative.

Source:
Resource manager

ICM0113E 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 3 and contact your IBM service representative.

Source:
Resource manager

ICM0114E 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

ICM0115E 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. You can also, check the sysout output and locate the HTTP reply to determine the error.

Source:
Resource manager

ICM0116E 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 sysout output and locate the HTTP reply to determine the error.

Source:
Resource manager

ICM0117E 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

ICM0118W 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 3 and contact your IBM service representative.

Source:
Resource manager

ICM0119E 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

ICM0120E 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 3 and contact your IBM representative.

Source:
Resource manager

ICM0121E Datastream parse failure

Explanation:
Parsed input data is corrupted or not in the order expected.

User response:
Check the sysout output and locate the HTTP reply to determine the error.

Source:
Resource manager

ICM0122E 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 3, and then retry the failed operation. Check the resource manager log to determine the cause and corrective action to perform. 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

ICM0123E 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 3, and then retry the failed operation. Check the resource manager log to determine the cause and corrective action to perform. 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

ICM0124E 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 3, and then retry the failed operation. Check the resource manager log to determine the cause and corrective action to perform. 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

ICM0125E 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 3, and then retry the failed operation. Check the resource manager log to determine the cause and corrective action to perform. 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

ICM0126E 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 3, and then retry the failed operation. Check the resource manager log to determine the cause and corrective action to perform. 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

ICM0127E 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 3, and then retry the failed operation. Check the resource manager log to determine the cause and corrective action to perform. 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

ICM0128E 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 3, and then retry the failed operation. Check the resource manager log to determine the cause and corrective action to perform. 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

ICM0129E 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 3, and then retry the failed operation. Check the resource manager log to determine the cause and corrective action to perform. 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 DB2 subsystem ID was padded to ensure 4 characters in length. Verify DB2 subsystem ID in the Async JCL job is correct.

Explanation:
Processed DB2 subsystem ID was padded to ensure 4 characters in length. Verify DB2 subsystem ID in the Async JCL job is correct.

User response:
Verify that the DB2 subsystem ID in the Async JCL job is correct.

Source:
Resource manager

ICM0131E DB2 subsystem ID length was 0 or greater than 0 characters. Ensure a valid DB2 subsystem ID is provided in the Async JCL job.

Explanation:
DB2 subsystem ID length was 0 or greater than 0 characters.

User response:
Ensure a valid DB2 subsystem ID is provided in the Async JCL job.

Source:
Resource manager

ICM0132E 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 3 and contact your IBM service representative.

Source:
Resource manager

ICM0133E 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 3, and then retry the failed operation. Check the resource manager log to determine the cause and corrective action to perform. 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

ICM0134E DB2 plan name is made up of spaces.

Explanation:
The DB2 plan name is made up of spaces.

User response:
Make sure that the DB2 plan name is valid.

Source:
Resource manager

ICM0135W Processed DB2 subsystem ID was padded to ensure 4 characters in length. Verify that the DB2 subsystem ID environment variable in the httpd.envars file is correct.

Explanation:
The processed DB2 subsystem ID was padded to ensure 4 in length.

User response:
Verify that the DB2 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 DB2 plan name in the envvars file is correct.

Explanation:
Processed DB2 plan name was padded to ensure 8 characters in length.

User response:
Verify that the DB2 plan name in the envvars file is correct.

Source:
Resource manager

ICM0137W 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. DB2 Subsystem ID: % **DB2 Plan Name:** %**.**

Explanation:
The DB2 subsystem ID `envvar` was not defined, or has a length of `0`.

User response:
Make sure that a valid DB2 subsystem ID is provided in the `envvars` file.

Source:
Resource manager

ICM0138W An attempt was made to read the DB2 Plan Name 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. DB2 Subsystem ID: % **DB2 Plan Name:** %**.**

Explanation:
The plan name `envvar` was not defined, or has length `0`.

User response:
Make sure that a valid plan name is provided in the `envvars` file.

Source:
Resource manager

ICM0139W 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 3, and contact your IBM service representative.

Source:
Resource manager

ICM0140E 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 3, and then retry the failed operation. Check the resource manager log to determine the cause and corrective action to perform. 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

ICM0141E 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

ICM0142E Error encountered while sending datastream to TSM server.

Explanation:
Error encountered while sending datastream to Tivoli Storage Manager server.

User response:
Set the trace level in the ICMRMCONTROL table to 3 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

ICM0143E 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

ICM0144E 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 3 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

ICM0145E 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

ICM0146E 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 3 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

ICM0147E 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 3 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

ICM0148E 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 3 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

ICM0149E 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 3 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

ICM0150E 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 3 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

ICM0151E 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 3 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

ICM0152E 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 3 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

ICM0153E 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

ICM0154E 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

ICM0155E 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

ICM0156E 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 3 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

ICM0157E 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 3 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

ICM0158E 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 3 and run the failing scenario again. If the problem persists, contact your IBM service representative.

Source:
Resource manager

ICM0159E 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 3 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

ICM0160E 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 3 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

ICM0161E 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 3 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

ICM0162E 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 3 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

ICM0163E 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 3 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

ICM0164E 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 3 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

ICM0165E 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 3 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

ICM0166E 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 3 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

ICM0167E 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 3 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

ICM0168E 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 3 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

ICM0169E 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 3 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

ICM0170E 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 3 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

ICM0171E 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 3 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

ICM0172E 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 3 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

ICM0173E 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 3 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

ICM0174E 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 3 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

ICM0175E 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 3 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

ICM0176E 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 3 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

ICM0177E 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 3 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

ICM0178E 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 3, run the failing scenario again, and contact your IBM service representative.

Source:
Resource manager

ICM0179E 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

ICM0180E 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 3 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

ICM0181E 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

ICM0182E 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 3 and run the failing scenario again. If the problem persists, contact your IBM service representative.

Source:
Resource manager

ICM0183E 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

ICM0184E 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 3 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

ICM0185E **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 3 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

ICM0186E **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 3 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

ICM0187E **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 3 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

ICM0188E **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 3 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

ICM0189E **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 3 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

ICM0190E **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 3 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

ICM0191E **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 3 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

ICM0192E 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 3 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

ICM0193E 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 3 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

ICM0194E 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 3 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

ICM0195E 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 3 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

ICM0196E CAF Connect error.

Explanation:
While attempting to perform CAF connect, a failure occurred.

User response:
Set the trace level in the ICMRMCONTROL table to 3 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

ICM0197E 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 3 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

ICM0198E 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 3 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

ICM0199E 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 3 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

ICM0200E 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 3 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

ICM0201E 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 3 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

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Glossary

Use the glossary to help you understand terms and abbreviations for DB2 Content Manager, 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 DB2 Content Manager 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 DB2 Content Manager document routing, specifies how a user can manipulate the *work packages* at a *work node*. DB2 Content Manager 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 DB2 Content Manager 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 DB2 Content Manager 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*.

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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 DB2 Content Manager.

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 DB2 Content Manager 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 DB2 Content Manager 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 DB2 Content Manager 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 DB2 Content Manager and written with DB2 Content Manager 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 DB2 Content Manager 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 DB2 Content Manager 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. DB2 Content Manager and DB2 Content Manager 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 DB2 Content Manager *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 DB2 Content Manager 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 DB2 Content Manager 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 DB2 Content Manager document model.

An item created from a document classified item type (a specific implementation of the DB2 Content Manager 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 DB2 Content Manager 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 DB2 Content Manager.

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 DB2 Content Manager, 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 DB2 Content Manager 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 DB2 Content Manager 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 DB2 Content Manager, a view of an *index class* that an application uses to store, retrieve, and display folders and objects.

index class view
In earlier DB2 Content Manager, 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 DB2 Content Manager, 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 DB2 Content Manager 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 DB2 Content Manager, 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*.

DB2 Content Manager, 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 DB2 Content Manager 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 DB2 Content Manager 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 DB2 Content Manager 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. DB2 Content Manager provides four predefined media object classes: DKLobICM, DKStreamICM, DKTextICM, and DKVideoStreamICM. See also *MIME type*.

media server
An AIX-based component of the DB2 Content Manager 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 DB2 Content Manager, 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 DB2 Content Manager content server whereas the field `policy ID` might be a native attribute in a DB2 Content Manager OnDemand content server.

native entity
An *object* that is managed on a specific *content server* and that is comprised of *native attributes*. For example, DB2 Content Manager index classes are native entities comprised of DB2 Content Manager 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 DB2 Content Manager 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 DB2 Content Manager 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 DB2 Content Manager 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 DB2 Content Manager 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 DB2 Content Manager 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 DB2 Content Manager,

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 DB2 Content Manager 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 DB2 Content Manager. 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 DB2 Content Manager system that installs all of the components of a DB2 Content Manager 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 DB2 Content Manager 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 DB2 Content Manager 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 DB2 Content Manager, this term generally refers to users of client applications, rather than the developers of applications, who use theDB2 Content Manager 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 DB2 Content Manager 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 DB2 Content Manager 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 DB2 Content Manager 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 DB2 Content Manager 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 DB2 Content Manager 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 DB2 Content Manager 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 DB2 Content Manager 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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