

IBM Content Manager for  
Multiplatforms / IBM Enterprise Information Portal  
for Multiplatforms



# Messages and Codes

*Version 8 Release 1*



IBM Content Manager for  
Multiplatforms / IBM Enterprise Information Portal  
for Multiplatforms



# Messages and Codes

*Version 8 Release 1*

**Note**

Before using this information and the product it supports, read the information in "Notices" on page 213.

**First Edition (May 2002)**

This edition applies to Version 8 Release 1 of IBM Content Manager for Multiplatforms® (product number 5724-B19) and IBM Enterprise Information Portal for Multiplatforms (product number 5724-B43) and to all subsequent releases and modifications until otherwise indicated in new editions. This edition replaces SC27-0874-00 and SC27-0870-00.

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## About this book

This guide explains the Content Manager and Enterprise Information Portal message logging and tracing functions and provides messages for both products.

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## Who should use this book

Use this book if you are a system administrator, an application programmer or a system programmer.

Enterprise Information Portal forwards messages from the content servers to which it connects including Content Manager. See the appropriate content server publication for details on messages not contained in this book.

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## How to use this book

Use this book as a reference for finding additional information about a message you receive. The messages are organized first by prefix, and then by number.

### How to use the message descriptions

The description of each message in this book 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.

##### Component

The component that issued the message.

##### Action

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

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## Where to find more information

Your product package includes a complete set of information to help you plan for, install, administer, and use your system. Product documentation and support are also available on the Web.

## Information included in your product package

The product package contains an information center and each publication in portable document format (.PDF).

### The information center

The product package contains an information center that you can install when you install the product. For information about installing the information center see *Planning and Installing Your Content Management System*.

The information center includes the documentation for Content Manager, Enterprise Information Portal, and VideoCharger. Topic-based information is organized by product and by task (for example, Administration). In addition to the provided navigation mechanism and indexes, a search facility also aids retrievability.

### 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>.

Table 1 shows the Content Manager publications included with IBM Content Manager for Multiplatforms.

*Table 1. Content Manager publications*

File name	Title	Publication number
install	<i>Planning and Installing Your Content Management System</i> <sup>1</sup>	GC27-1332-00
migrate	<i>Migrating to Content Manager Version 8</i>	SC27-1343-00
sysadmin	<i>System Administration Guide</i>	SC27-1335-00

#### Notes:

1. You receive a printed copy of *Planning and Installing Your Content Management System* with IBM Content Manager for Multiplatforms.

When you order IBM Content Manager for Multiplatforms, you also receive IBM Enterprise Information Portal for Multiplatforms. Or, you can separately order IBM Enterprise Information Portal for Multiplatforms. Table 2 shows the Enterprise Information Portal publications that are included with the product.

*Table 2. Enterprise Information Portal publications*

File name	Title	Publication number
apgwork	<i>Workstation Application Programming Guide</i> <sup>1</sup>	SC27-1347-00
ecliinst	<i>Installing, Configuring, and Managing the eClient</i>	SC27-1350-00
eipinst	<i>Planning and Installing Enterprise Information Portal</i> <sup>2</sup>	GC27-1345-00
eipmanag	<i>Managing Enterprise Information Portal</i>	SC27-1346-00
messcode	<i>Messages and Codes</i> <sup>3</sup>	SC27-1349-00



Table 2. Enterprise Information Portal publications (continued)

File name	Title	Publication number
<b>Notes:</b>		
1.	The <i>Workstation Application Programming Guide</i> contains information about programming applications for both Content Manager and Enterprise Information Portal.	
2.	When you separately order IBM Enterprise Information Portal for Multiplatforms, you receive a printed copy of <i>Planning and Installing Enterprise Information Portal</i> with the product.	
3.	<i>Messages and Codes</i> contains the messages and codes for Content Manager and Enterprise Information Portal.	

## Support available on the Web

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

<http://www.ibm.com/software/data/cm/>

<http://www.ibm.com/software/data/eip/>

The documentation is included in softcopy with the product. To access product documentation on the Web, click **Library** on the product Web site.

An HTML-based documentation interface, called Enterprise Documentation Online (EDO), is also available from the Web. It currently contains the API reference information. Go to the Enterprise Information Portal Library Web page for information about accessing EDO.

## How to send your comments

Your feedback helps IBM to provide quality information. Please send any comments that you have about this publication or other Content Manager or Enterprise Information Portal documentation. You can use either of the following methods to provide comments:

- Send your comments from the Web. Visit the IBM Data Management Online Reader's Comment Form (RCF) page at:  
<http://www.ibm.com/software/data/rcf>  
You can use the page to enter and send comments.
- Send your comments by e-mail to [comments@vnet.ibm.com](mailto:comments@vnet.ibm.com). Be sure to include the name of the product, the version number of the product, and the name and part number of the book (if applicable). If you are commenting on specific text, include the location of the text (for example, a chapter and section title, a table number, a page number, or a help topic title).

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## What's new in Content Manager Version 8.1?

The following changes have been made to the product:

### Improved performance

The library server and resource manager use DB2 stored procedures and leverage DB2 technology to significantly reduce network traffic and improve performance and scalability.

**Support for Sun Solaris**

Both the library server and resource manager can be installed on Sun Solaris.

**Enhanced data model**

The new hierarchical data model provides the basis for customized compound document management solutions.

**Improved workflow**

Through integrated document routing, workflow capabilities have been improved with sequential routing, dynamic routing, and collection points.

**Integrated text search**

In addition to attribute-based searching, client users can now perform full-text searching on text-based document information. The text search function now uses the DB2 Universal Database Text Information Extender, which contributes to a streamlined process for setting up text searching.

**Common system administration**

A single client application provides separate access to Content Manager and Enterprise Information Portal administration. Within Content Manager, administrative domains provide a way to limit administrative access to subsections of the library server.

**Full-function desktop client and enhanced eClient**

Client enhancements provide users with an out-of-the-box application for rapid deployment or line of business application integration. The Client for Windows supports integrated text search, document routing, the hierarchical data model (to a single child component level), versioning, and index during import. The eClient includes integrated text search, EIP advanced workflow, version control, and multi-valued attributes.

**Easier installation**

Installation is consistent across supported operating systems and customized installation information is provided by the Start Here CD's Planning Assistant. Silent and console installations are also provided.

**Information center**

The browser-based information center includes the documentation for Content Manager, Enterprise Information Portal, and VideoCharger. Topic-based information is organized by product and by task (for example, Administration). In addition to the provided navigation mechanism and indexes, a search facility also aids retrievability.

**Accessibility**

Accessibility features help a user who has a physical disability, such as restricted mobility or limited vision, to use software products successfully. The major accessibility features for this product include:

- The ability to operate all features using the keyboard instead of the mouse.
- Support for enhanced display properties.
- Options for video and audio alert cues.
- Compatibility with assistive technologies
- Compatibility with operating system accessibility features
- Accessible documentation formats

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## What's new in Enterprise Information Portal Version 8.1?

The following changes have been made to the product:

### Support for Sun Solaris

You can install connectors, features, and databases on Solaris systems.

### Common system administration

A single client application provides separate access to Content Manager and Enterprise Information Portal administration.

### New connectors

- The ICM connector for Content Manager Version 8 Release 1 allows you to take advantage of Content Manager Version 8's powerful document storage features.
- The new C++ Extended Search Version 3.7 connector runs on AIX®.

### Improved connectors

- Parametric text searches are supported from the federated layer and through a direct Extended Search connection.
- Functional enhancements and performance improvements to the OnDemand connector, including:
  - Modifications to the structure of an OnDemand DDO.
  - Asynchronous search is now supported

### New information mining services

- Feature extraction
- Clustering
- Language identification

### IBM Web Crawler

IBM Web Crawler is a feature that allows users to search for and summarize information on the Web and in Lotus Notes® databases.

### Workflow enhancements

Workflow is now fully supported on AIX and Solaris. The workflow builder, APIs, and JavaBeans™ provide improved workflow function and usability.

### Information center

The browser-based information center includes the documentation for Content Manager, Enterprise Information Portal, and VideoCharger™. Topic-based information is organized by product and by task (for example, Administration). In addition to the provided navigation mechanism and indexes, a search facility also aids retrievability.

### Accessibility

Accessibility features help a user who has a physical disability, such as restricted mobility or limited vision, to use software products successfully. The major accessibility features for this product include:

- The ability to operate all features using the keyboard instead of the mouse.
- Support for enhanced display properties.
- Options for video and audio alert cues.
- Compatibility with assistive technologies
- Compatibility with operating system accessibility features
- Accessible documentation formats



## Chapter 1. Logging and tracing

This section describes and explains how to configure the logging and tracing functions for the Content Manager library server, Content Manager resource manager, system administration clients, and the Enterprise Information Portal Application Programming Interfaces (APIs).

The log files provide information for problem diagnosis and corrective action by your IBM service representative.

**Attention:** The amount of information you choose to log to the log files can affect the performance of your system.

### Content Manager and Enterprise Information Portal log files

Table 3 has information about Content Manager and EIP log and configuration files.

Table 3. Content Manager and EIP log and configuration files

Default name	Windows <sup>®</sup> default path	AIX default path	Sun Solaris default path	Notes
<b>Content Manager</b>				
log.txt	c:\ICMROOT\log.txt		/opt/IBMicm/log.txt	Installation log file for Windows and Sun Solaris
icm81inst.log		/tmp/icm81inst.log	/tmp/icm81inst.log	Installation log file for AIX and Solaris
icmcr1sdb.log	c:\ICMROOT\config\icmcr1sdb.log	/usr/lpp/icm/config/icmcr1sdb.log	/opt/IBMicm/config/icmcr1sdb.log	Library server database log information
icmcrmdb.log	c:\ICMROOT\config\icmcrmdb.log	/usr/lpp/icm/config/icmcrmdb.log	config/icmcrmdb.log	Resource manager database log information
ICMSERVER.LOG	c:\ICMSERVER.LOG	/tmp/ICMSERVER.LOG	/tmp/ICMSERVER.LOG	General library server log information
• icmrm_logging.xml	x:\WebSphere <sup>®</sup> \AppServer\	/usr/WebSphere/	/opt/WebSphere/	General resource manager log information
• icmrm_Migrator_logging.xml	InstalledApps\icmrm.ear\	AppServer/Installed	AppServer/Installed	
• icmrm_Purger_logging.xml	icmrm.war\WEB-INF\lib	Apps/icmrm.ear/	Apps/icmrm.ear/	
• icmrm_Stager_logging.xml		icmrm.war/WEB-INF/lib	icmrm.war/WEB-INF/lib	

Table 3. Content Manager and EIP log and configuration files (continued)

Default name	Windows® default path	AIX default path	Sun Solaris default path	Notes
cmbadmerr.log (EIP)	<ul style="list-style-type: none"> <li>c:\CMBROOT\ (EIP)</li> <li>c:\ICMROOT\ (CM)</li> </ul>	N/A	N/A	Common system administration client log information (Content Manager and EIP)
<b>Enterprise Information Portal</b>				
icmcr1sdb.log	c:\CMBROOT\icmcr1sdb.log			Installation log file for Windows
cmbinst.log	c:\winnt\cmbinst.log		/tmp/cmb/cmbinst.log	Installation log file for Windows® and Solaris
frnxinst.log		/tmp/frn/frnxinst.log	/tmp/frn/frnxinst.log	Installation log file for AIX and Solaris
dklog.log	c:\CMBROOT	Current directory in which an EIP connector-enabled application is running	Current directory in which an EIP connector-enabled application is running	API and EIP system administration client log file
cmblogconfig.properties	c:\Program Files\IBM\CMgmt	/opt/IBMicm/cmgmt	/opt/IBMicm/cmgmt	Log file configuration settings for EIP APIs

## Installation logging

Using a text editor, you can view error information for the Content Manager and Enterprise Information Portal installation programs in the log files shown in Table 3 on page 1.

## Content Manager library server logging and tracing

If you are writing your own application, you might find it helpful to turn on performance tracing. **Important:** If you turn on any tracing, it might affect the performance of your system.

Library server error information is logged in the ICMSEVER.LOG file. You can modify the default settings for ICMSEVER.LOG through the Content Manager system administration client:

1. Log on to the Content Manager system administration client.
2. Expand the list for the selected library server.
3. Expand the **Library Server Parameters** list.

4. Select **Configuration**, and double-click **Library Server Configuration**. The library server Configuration window opens.
5. Click the **Log and Trace** tab.
6. Modify the default directory of the ICM SERVER.LOG file, as required.
7. Select the checkboxes for the level of trace information you want to log into the log file.
8. Click **OK**.

You can select four levels of trace information to log into the library server log file, ICM SERVER.LOG:

**Basic** Entry and exit information to the Content Manager stored procedures and lower-level library server functions (for example, list NLS keywords).

**Detailed**

Basic trace information, plus information on the lower-level controls through the library server programming logic. This trace level provides information on how the program logic ran.

**Data** Information on what input parameters were passed into the Content Manager stored procedures, and the intermediate data as the stored procedures were running.

**Performance**

Information on how fast the Content Manager stored procedures ran. The trace shows one line for each stored procedure and the elapsed time, in milliseconds, that the stored procedure took to run.

The ICM SERVER.LOG file provides information for problem diagnosis and corrective action by your IBM service representative.

---

## DB2® SQL return codes

If an unexpected error occurs during a SQL operation in the library server, DB2 SQL return codes are returned with the library return code ICM7015. DB2 SQL return codes are also documented in the library server log file together with the SQL message. They are always negative numbers (for example, -818).

To find full explanation of a DB2 SQL return code, see *IBM DB2 Universal Database™ Message Reference*, or enter from a DB2 command prompt **db2?sql0nnn**, where **nnn** is the return code number after removing the negative sign. The following is an example of searching for the full explanation of DB2 SQL return code -818:

```
C:\temp>db2 ? sql0818
SQL0818N A timestamp conflict occurred.
Explanation: The timestamp generated by the precompiler at
precompile time is not the same as the timestamp stored with the
package at bind time.
```

As with the library server return codes, DB2 SQL return codes are generally used by your system administrator, database administrator, and IBM service representative to diagnose problems. You are not expected to take action independently.

---

## Content Manager resource manager logging

When you install the Content Manager resource manager `icmrm.war` file on your application server, you also install the resource manager logging configuration file, `icmrm_logging.xml`. The configuration file contains settings for the categories, appenders, layouts, and other values that control resource manager logging and tracing. The file is based on the LOG4J configuration file.

You can customize the default values in the `icmrm_logging.xml` file to meet your application requirements. The location of `icmrm_logging.xml` depends on the directory structure of the application server. A document type definition file (DTD) is installed with the `icmrm_logging.xml` file.

The resource manager migrator, purger, and stager components also have configuration files that you can modify to control the type and amount of information you want to log. These configuration files are `icmrm_Migrator_logging.xml`, `icmrm_Purger_logging.xml`, and `icmrm_Stager_logging.xml`.

### Working with the logging configuration files

The Install Shield program has default values that allow you to install without responding to the dialog prompts. If you want to modify your environment, you can change the default values after the installation is complete. The default logging priority level is **Info**. To change the settings in the configuration files:

1. Open the resource manager logging configuration file in a text editor.
2. Make your changes and save the file.

You can also change the settings of the installation log file. The default setting is that the logging information for all components of Content Manager are written to a single file. You can open the resource manager configuration files to change the appender that controls this. An appender directs the logging information into the desired location. The appender can send the information to the standard default all-inclusive log file, to the console, to a separate log file, or to other locations.

**Attention:** Some appenders do not provide all the information you might want to see in the log file. See the `icmrm_logging.xml` file for more information.

Another control setting in the resource manager configuration files controls the amount of text sent to each log file. The software always log actions, but with the priority value set at different levels, you can change the amount and type of actions logged.

#### Modifying the configuration files

In order to change the amount of information the log files record, you need to change the priority value in the `icmrm_logging.xml`, `icmrm_Migrator_logging.xml`, `icmrm_Purger_logging.xml`, and `icmrm_Stager_logging.xml` files. The default logging priority level is **Info**. Nine logging levels or settings exist and each returns a different type and amount of information:

**Fatal** Logs only if the servlet terminates unexpectedly.

**Action**

Logs actions that the system administrator needs to take. This information does not describe errors, but conditions, such as “short on [disk] space.”

**Error** Logs information to indicate that a request was unable to be fulfilled or that an internal error occurred.



**Warn** Logs unexpected behavior.

**Info** Logs start or stop messages.

**Request**

Provides detailed information on the incoming request.

**Response**

Provides detailed information on the outgoing response.

**Trace** Logs general flow messages.

**Debug**

Provides detailed debugging information as well as information on all other priority levels.

The resource manager log files can also record action messages. These messages can alert you to possible software problems that you can take steps to avoid. For example, an action message might inform you that the resource manager is filling its allotted volume of messages. To avoid software difficulties, you can remove outdated information from the log files. The resource manager generates these action messages and appends them to the log files.

If you choose to send the logging information to a file different from the defaults, you can follow your own naming conventions for the log file. You can also determine the expiration for these files. Expiration is determined by data size rather than by date.

**Attention:** The resource manager log manager continues to append log outputs into the existing log files. We recommend that you periodically delete unwanted log output from the log files to prevent them from becoming too large.

For more information about LOG4J configuration file, see <http://www.apache.org/>

---

## System administration client logging

The Content Manager system administration client can log both event and error information, while the Enterprise Information Portal system administration client logs only error information.

### Content Manager event logging

To activate Content Manager system administration client event logging:

1. Log in to the Content Manager system administration client.
2. Expand the list for the selected library server.
3. Expand the **Library Server Parameters** list.
4. Select **Configuration**, and double-click **Library Server Configuration**. The library server Configuration window opens.
5. Click the **Log and Trace** tab. Click **Allow system administrator event logging**.
6. Click **OK**.
7. Content Manager system administration client events are logged to a DB2 table ICMSTSYADMEVENT. Use the DB2 Universal Database Control Center to view the contents of this table.

### Content Manager and EIP error logging

The Content Manager and Enterprise Information Portal system administration clients send error data to the `c:\ICMROOT\cmbadmerr.log` file for Content Manager

or the `c:\CMBROOT\cmbadmerr.log` file for EIP. The system administration clients do not offer any configuration options for `cmbadmerr.log`.

The Enterprise Information Portal system administration client also logs to the `dklog.log` log file, which is used by the EIP APIs.

---

## EIP API logging

This section explains the logging configuration options available for the EIP APIs and connectors.

### Activating connector logging

This section explains how the EIP API or connector logging is activated. The EIP connector logging utilities log all exceptions, including those exceptions that are not errors. In some scenarios, exceptions can be part of the normal flow of program logic. For example, when an EIP connector retrieves an entity and receives an “entity not found” exception or error message, the exception is logged when it occurs. However, if the intention of the application program is to first retrieve an entity to see if it exists, then receiving an “entity not found” exception is not an error. In this case, a logged exception message is part of the normal flow of the program logic.

**Attention:** When reading the log files, keep in mind the context within which the exceptions and messages are logged.

#### Java™

Java has two log managers: default and LOG4J. You can configure and use only one of the log managers at a time. The same configuration file, `cmblogconfig.properties`, is used to control the type of log manager used and the configuration specific to each type of log manager. For more information about the log manager that you want to use, see the section in the configuration file, `cmblogconfig.properties`, that pertains to the log manager you want to use.

When the connector logging utility is first instantiated, it searches the CLASSPATH of the Java Virtual Machine instance to find the logging configuration file: `cmblogconfig.properties`. If this configuration file is not located, the default logging settings are used.

#### C++

C++ has one log manager: default. C++ references the same log configuration file as Java does, but the EIP C++ connectors consult only the default log manager logging settings.

**Windows:** When the C++ connector logging utility is first instantiated, it reads the configuration file `cmblogconfig.properties` from the directory to which `%CMCOMMON%` is pointing. By default, `%CMCOMMON%` points to `c:\Program Files\IBM\CMGMT`. If the configuration file is not located, the default logging settings are used.

**AIX:** When the C++ connector logging utility is first instantiated, it reads the configuration file `cmblogconfig.properties` from the directory to which `/usr/lpp/cmb/cmgt` is pointing. If the configuration file is not found, the default logging settings are used.

## Working with the logging configuration file

This section explains how to work with the settings in the logging configuration file of the EIP connectors, `cmblogconfig.properties`.

**Default settings:** The `cmblogconfig.properties` file contains the following default settings; it is important not to change these default settings in case the configuration file cannot be found or other errors occur with user-defined settings:

1. Uses the default log manager
2. Default log file name is `dklog.log`
3. Logging priority is set to **Error**
4. Maximum number of exceptions of the same error message ID to allow is five

**Modifying `cmblogconfig.properties`:** To update the settings in the `cmblogconfig.properties` file:

1. Change directory to `c:\Program Files\IBM\CMgmt` or `/usr/lpp/cmb/cmgt`.
2. Open `cmblogconfig.properties` in a text editor.
3. Change the settings to be used by the default log manager:

### Section 0 - Global Settings

Determines maximum exception count.

### Section 1 - Log Manager Factory Setting

Determines whether you use the default log manager or LOG4J.

### Section 2 - Default Log Manager Setup

Section 2 has three subsections:

- a. Section 2.1 - Specify Log Priority. Eight priority settings are available. The default priority setting is **Error**.
- b. Section 2.2 - Log Output Destination Setting. Three settings are available:
  - 1) Log to a file
  - 2) Log to Standard Error
  - 3) Log to Standard Console

The default setting is **Log to a file**.

- c. Section 2.3 - Log File Name Setting. Use only when the option in section 2.2 is set to **Log to a file**. The default log file name is `dklog.log`.
4. Save the file.

You can modify the following priority levels in the configuration file, `cmblogconfig.properties`.

**Fatal** Provides information that the program encountered unrecoverable errors and must cease operating immediately. (Stopping the program is done separately, not from the logging facility.)

**Error** Provides information that the program encountered recoverable or unrecoverable errors, but is able to continue operating.

**Perf** Used to collect output information for measuring performance.

**Info** Provides significant event messages, such as successful logon.

### **Trace\_native\_api**

Used for logging before and after a native call; provides parameters and return data information.

**Trace\_entry\_exit**

Used for signaling entries and exits of program modules (or code blocks).

**Trace** Used to output additional diagnostic information, such as program state changes.

**Debug**

Used to output information for debugging errors.

Following are examples of how to use these priority levels:

DKLogPriority = FATAL (Use this to log FATAL messages)

DKLogPriority = ERROR (Use this to log FATAL + ERROR messages)

**Attention:** The log manager continues to append log outputs into the existing log file. We recommend that you periodically delete unwanted log output from the log file to prevent the file from becoming too large.

## Examples of log and trace output

This section provides examples of the type of output provided in the log file.

### Java log output file example

In the log file, error messages are logged in the national language of the user environment. All other diagnostic information is logged in English. The default log file is dklog.log.

The following example shows an INFO section at the beginning of the log file. Each time a program starts, a new INFO entry is added to log file.

```
[INFO]
>>>> Java connector logging started 02/02/2002 at 20:40:41.321 PST
OS version      : Windows 2000 5.0
java.vm.name    : Classic VM, java.version   : 1.3.0
java.home      : C:\CMBROOT\jdk\jre
java.ext.dir   : null
java.classpath : .;C:\Program Files\IBM\CMGMT;
C:\CMBROOT\lib\cmbview81.jar;
C:\CMBROOT\lib\cmb81.jar;
C:\CMBROOT\lib\cmbcm81.jar;C:\CMBROOT\lib\cmbd181.jar;
C:\CMBROOT\lib\cmbjdbc81.jar;C:\CMBROOT\lib\cmbip81.jar;
C:\CMBROOT\lib\cmbv481.jar;C:\CMBROOT\lib\cmbdd81.jar;
C:\CMBROOT\lib\cmbfed81.jar;C:\CMBROOT\lib\cmbdes81.jar;
C:\CMBROOT\lib\cmbdb281.jar;C:\CMBROOT\lib\cmbdj81.jar;
C:\CMBROOT\lib\cmbic81.jar;C:\CMBROOT\lib\cmbod81.jar;
C:\CMBROOT\lib\swingall.jar;C:\CMBROOT\lib\ics.jar;
C:\CMBROOT\lib\cmbicm81.jar;C:\CMBROOT\lib\cmbfn81.jar;
C:\Program Files\SQLLIB\JAVA\DB2JAVA.ZIP;
C:\CMBROOT\lib\xerces.jar;
C:\CMBROOT\lib\essrv.jar;C:\CMBROOT\lib\esclisrv.jar;
C:\CMBROOT\lib\jaas.jar;\java\ibmjndi.jar;
C:\CMBROOT\lib\cmblog4j81.jar;
C:\CMBROOT\lib\log4j.jar;C:\CMBROOT\lib\cmbsdk81.jar
[EXC]: 02/02/2002 at 20:40:41.351 PST @ PINEAPPLE
(9.xxx.xx.xxx); com.ibm.mm.sdk.common.DKLogonFailure1 #
com.ibm.mm.sdk.logtool.DKLogManagerFactory_default2
[USR]: ypchen (C:\Documents and Settings\Administrator)3 @
C:\CMBROOT\SAMPLES\java\ICM4
[THD]5: main ( 3caecd )
[THG]6: main = { main }
[LOC]7: com.ibm.mm.sdk.server.DKDatastoreICM:logon
[MSG]: DGL0394A: Error in ::DKDatastoreICM.connect
[SERVER=icmnlbdb:USERID=install] [RC8=7127] [ReasonCode=0]
```

```
[ExtRC=0] [ExtReasonCode=0]
at com.ibm.mm.sdk.server.DKDatastoreICM.logon(DKDatastoreICM.java:1190)
at com.ibm.mm.sdk.server.DKDatastoreICM.connect(DKDatastoreICM.java:1046)
at TConnectICM.main(TConnectICM.java:72)
```

This section explains notes 1-8 in the example:

1. Exception type (whenever applicable)
2. Log manager name (category name)
3. Login user home directory
4. Current work directory
5. Name (Hashcode) of Thread that Reports the Error
6. Thread Group:= {Threads and Sub-Thread Groups within this Thread Group}
7. Class name: method name within which the error occurs
8. Content Server Return Code Exception type (whenever applicable)

**Attention:** The log manager continues to append log outputs into the existing log file. We recommended that you periodically delete unwanted log output from the log file to prevent the file from becoming too large.

### C++ log output example

In the log file, error messages are logged in the national language of the user environment. All other diagnostic information is logged in English. The default log file is dklog.log.

The following example shows an INFO section at the beginning of the log file. Each time a program starts, a new INFO entry is added to log file.

```
[INFO]
>>>> C++ connector logging started 02/02/2002 at 21:17:15
Pacific Standard Time
OS version      : Windows version 5.0, build 0 2195, CSDVersion
Service Pack 2
CMCOMMON       : C:\Program Files\IBM\CMGMT
ICMROOT        : C:\Program Files\IBM\CM81
PATH           : C:\progra~1\MQSer~1\bin\MQServer;. ;
C:\Program Files\IBM\CMGMT;C:\CMBROOT\DLL;C:\CMBROOT;C:\CMBROOT\jdk\bin;
C:\CMBROOT\jdk\jre\bin;C:\CMBROOT;C:\CMBROOT\DLL;
C:\Program Files\ibm\gsk5\lib;C:\BATCH;\CMAPI\HELP;C:\WINNT\system32;C:\WINNT;
C:\WINNT\System32\Wbem;C:\Utilities;C:\Program Files\IBM\Trace
Facility;C:\Program Files\Personal
Communications;C:\Notes;C:\WINNTAPPS\PFE;
c:\program\bin;C:\Program Files\Microsoft Visual
Studio\Common\Tools\WinNT;C:\Program Files\Microsoft Visual
Studio\Common\MSDev98\Bin;C:\Program Files\Microsoft Visual
Studio\Common\Tools;C:\Program Files\Microsoft Visual
Studio\VC98\bin;C:\WINNTAPPS\MSSQL7\BINN;
c:\projects\cprojects\prism_dk\dbg_dll;C:\WINNTA~1\ULTRAE~2;
C:\CMVC;C:\Program Files\SQLLIB\BIN;
C:\Program Files\SQLLIB\FUNCTION;C:\Program
Files\SQLLIB\SAMPLES\REPL;C:\Program
Files\SQLLIB\HELP;C:\PROGRA~1\IBM\IMNNQ;\ikf\bin;
C:\WebSphere\AppServer\bin;. \MFC;C:\CMBROOT\CMAPI;
C:\CMBROOT\CMAPI\DLL;C:\Ars32;C:\Ars32\MFC
[EXC]: 02/02/2002 at 21:17:15 Pacific
Standard Time @ PINEAPPLE (xxx.x.x.x);
DKDatastoreAccessError1 # 2
[USR]: ypchen (C:\Documents and Settings\Administrator)3 @
C:\CMBROOT\SAMPLES\cpp\ICM\bin4
[THD]5: 1184
[PRS]6: 948
[LOC]7: (DKDatastoreICM.cpp):4773
```

```
[MSG]: DGL0394A: Error in ::DKDatastoreICM.connect  
[SERVER=icmnlbdb:USERID=install][RC8=7127][ReasonCode=0]  
[ExtRC=0][ExtReasonCode=0] ; (SERVER RC) : 0, (STATE) :
```

This section explains notes 1-8 in the C++ error message example.

1. Exception Type (whenever applicable)
2. Log Manager Name (whenever applicable; if the default log manager is used, this field is empty)
3. Login user home directory
4. Current work directory
5. ID of Thread that Reports the Error
6. Process ID
7. FileName: line number
8. Content server return code

**Attention:** The log manager continues to append log outputs into the existing log file. We recommend that you periodically delete unwanted log output from the log file to prevent the file from becoming too large.

### Trace log output example

Here is an example of a trace log:

```
[03/14/2002 11:22:47.046 PST] 3caecd T: + listXD0Object()  
[03/14/2002 11:22:47.547 PST] 3caecd T: + listAttrByCaller() caller:  
[03/14/2002 11:22:47.717 PST] 3caecd T: - listAttrByCaller()  
[03/14/2002 11:22:47.717 PST] 3caecd T: + listAttrGroupByCaller() caller:  
[03/14/2002 11:22:47.757 PST] 3caecd T: - listAttrGroupByCaller()
```

```
[Time Stamp] = [03/14/2002 11:22:47.046 PST]  
Thread_Id = 3caecd  
Trace_Level = T  
Trace Message = + listXD0Object()
```

The format of the trace output log is:

- Timestamp
- Thread ID
- Trace Level, where:
  - F = FATAL
  - E = ERROR
  - P = PERF
  - I = INFO
  - N = TRACE\_NATIVE\_API
  - X = TRACE\_ENTRY\_EXIT
  - T = TRACE
  - D = DEBUG
- Trace Message

---

## Chapter 2. EIP troubleshooting

This section describes how to solve common Enterprise Information Portal errors.

---

### System administration client messages

The error messages described here are provided by the system administration client and do not have numbers.

**Unable to connect to server [database name], contact your system administrator**

Ensure that the RMI server port number in the `cmbclient.ini` file on your client workstation is set correctly.

**Java exception: java.net.ConnectException**

Shut down the RMI server. Check that the master RMI server is running. Restart the RMI server.

**Java exception: java.net.UnknownHostException**

Check that you have the correct host name in the RMI server's `cmbregist81.bat` file.

---

### General EIP troubleshooting

This section provides guidelines to troubleshoot four common system problems.

**Enterprise Information Portal client does not start**

If your client application does not start, you might need to set parameters for the workstation Java environment and sample client application in `cmbclientapp81.bat` before you start the client application. (The `cmbclientapp81.bat` file is a file that is installed with every client and is used to start the sample client application.) If you create a shortcut for this step, and you change your configuration in the future, remember to update the shortcut as well as the `cmbclientapp81.bat` file. This section describes the parameters in `cmbclientapp81.bat` and how they should be set. You can set the parameters by opening `cmbclientapp81.bat` in a text editor.

For information on setting the `cmbclientapp81.bat` file, see *Planning and Installing Enterprise Information Portal*.

**Viewer cannot find file to be viewed**

Close any open instances of the viewer application that you are using to view the document. For example, if Lotus<sup>®</sup> 1-2-3<sup>®</sup> is running and you try to view a Lotus 1-2-3 document, shut down all instances of Lotus 1-2-3. Then, try opening the document from the viewer.

**Enterprise Information Portal client will not start from shortcut**

Sometimes, the sample client application does not start from the shortcut because Windows 95 and Windows 98 have a limit on the length of the shortcut. As a result, the environment variable `%INIURL%`, which is used by the program that starts the sample client application (`cmbclientapp81.bat`) fails with an error indicating that the `cmbmime2app.ini` file wasn't found.

To correct the shortcut:

1. Open `cmbclientapp81.bat` in a text editor.
2. Change the environment variable `%INIURL%`, to:  
`x:\directory_path`

You must use two backslash (\) characters.

**Cannot restart Enterprise Information Portal client after abnormal termination**

If the Enterprise Information Portal sample client application terminates abnormally, the file used to log its output can be inaccessible because of a lock on the output file. Because the client tries to reuse the locked file, you cannot restart the program. The file is usable after you restart the client application or terminate the locking process.

To restart the sample client application:

1. In the %CMBROOT%\cmbclientapp.bat file, locate the line that ends with:  
    >clientApp\_out.log
2. Change the file name, for example: >clientApp\_out2.log

Be sure that no other file exists with the name you choose. The output from the next sample client application session is written to a new >clientApp\_out.log file.



---

## Chapter 3. API messages, DGL0300 - DGL1620

You might receive any of the following messages from the Enterprise Information Portal Application Programming Interfaces (APIs). The Content Management Information Center search looks for full words. You need to enter the entire word that you want to find. When searching for messages, enter the full message number, including the prefix. For example, to find information on DGL1234A, enter DGL1234A. To find information on a message that has only a number, enter the number.

---

### DGL0300A Message ID not found.

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

**Component:** Java or C++ APIs.

**Action:** See your system administrator or IBM service representative.

---

### 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.

**Component:** Java or C++ APIs.

**Action:** Update the library path environment variables with the current library location. The path name is x:\sql1lib\function for Windows and <db2instance\_home>/sql1lib/function for AIX and Solaris.

---

### DGL0302A Error while unloading library.

**Explanation:** An error occurred while unloading a shared library (icmnlssp.dll file for Windows and ICMNLSSP file for AIX and Solaris).

**Component:** Java or C++ APIs.

**Action:** See your system administrator or IBM service representative.

---

### DGL0303A Invalid parameter.

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

**Component:** Java or C++ APIs.

**Action:** See *Workstation Application Programming Reference* to find the correct parameter specification for the method being called.

---

### DGL0304A Invalid cursor.

**Explanation:** The cursor is in an invalid state; this can 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.

**Component:** Java or C++ APIs.

**Action:** Create a new cursor, or set the current cursor to the first collection item, or add items to an empty collection.

---

### DGL0305A Collection is full.

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

**Component:** Java or C++ APIs.

**Action:** Remove items from the collection.

---

### DGL0306A Object is not unique.

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

**Component:** Java or C++ APIs.

**Action:** Change the item or object, to create a new key that will be unique in the collection.

---

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

**Explanation:** A connect error has occurred for the datastore.

*Prefix* is the component ID: FRN for Folder manager, IML for Text Search Engine. *MoreInfo* is additional error information: ExtRC for Folder manager, DiagnosisInfo for Text Search Engine. xxxx and yyyy are message numbers returned by the component.

**Component:** Java or C++ APIs.

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

---

**DGL0308A Disconnect error.** [*Prefix=xxxx, MoreInfo=yyyy*]

**Explanation:** A disconnect error has occurred for the datastore.

*Prefix* is the component ID: FRN for Folder manager, IML for Text Search Engine. *MoreInfo* is additional error information: ExtRC for Folder manager, *DiagnosisInfo* for Text Search Engine. *xxxx* and *yyyy* are message numbers returned by the component.

**Component:** Java or C++ APIs.

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

---

**DGL0309A Connection already in use.**

**Explanation:** Another user is already connected to the datastore.

**Component:** Java or C++ APIs.

**Action:** Disconnect from the datastore.

---

**DGL0310A Connection not found.**

**Explanation:** A connection was not established for the datastore.

**Component:** Java or C++ APIs.

**Action:** Try to reconnect to the datastore. If the problem persists, see your system administrator or IBM service representative.

---

**DGL0311A Option not set.**

**Explanation:** The specified option was not set.

**Component:** Java or C++ APIs.

**Action:** Set the specified option.

---

**DGL0312A Unexpected option.**

**Explanation:** An invalid or unknown option was passed to the datastore.

**Component:** Java or C++ APIs.

**Action:** Set a valid option.

---

**DGL0313A Unexpected type for option.**

**Explanation:** The submitted option value contains an invalid type.

**Component:** Java or C++ APIs.

**Action:** Specify a valid option type.

---

---

**DGL0314A Unexpected value for option.**

**Explanation:** The submitted option value is invalid.

**Component:** Java or C++ APIs.

**Action:** Specify a valid option value.

---

**DGL0315A Error while opening an index.**  
[*IML=xxxx, DiagnosisInfo=yyyy*]

**Explanation:** An error occurred while opening a text search index.

The error was generated by Text Search Engine.

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

**Component:** Java or C++ APIs.

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

---

**DGL0316A Error while doing a search.** [*Prefix=xxxx, MoreInfo=yyyy*]

**Explanation:** An error occurred while performing a query against a datastore.

*Prefix* is the component ID: FRN for Folder manager, IML for Text Search Engine. *MoreInfo* is additional error information: ExtRC for Folder manager, *DiagnosisInfo* for Text Search Engine. *xxxx* and *yyyy* are message numbers returned by the component.

**Component:** Java or C++ APIs.

**Action:** 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.

---

**DGL0317A Error while getting ranking information.**  
[*IML=xxxx, DiagnosisInfo=yyyy*]

**Explanation:** An error occurred while retrieving text search ranking information.

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

**Component:** Java or C++ APIs.

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

---

**DGL0318A Error while creating a new result list.**  
[*IML=xxxx, DiagnosisInfo=yyyy*]

**Explanation:** An error occurred while creating a text search results list view.

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

**Component:** Java or C++ APIs.

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

---

**DGL0319A Error while sorting the result list.**  
[IML=xxxx, DiagnosisInfo=yyyy]

**Explanation:** An error occurred while sorting a text search results list view.

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

**Component:** Java or C++ APIs.

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

---

**DGL0320A Error while listing the result list.**  
[IML=xxxx, DiagnosisInfo=yyyy]

**Explanation:** An error occurred while listing a text search results list view.

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

**Component:** Java or C++ APIs.

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

---

**DGL0321A Error while getting the result list.**  
[IML=xxxx, DiagnosisInfo=yyyy]

**Explanation:** An error occurred while getting a text search results list view.

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

**Component:** Java or C++ APIs.

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

---

**DGL0323A Error while listing servers.** [Prefix=xxxx, MoreInfo=yyyy]

**Explanation:** An error occurred while listing the servers of a datastore.

*Prefix* is the component ID: FRN for Folder manager, IML for Text Search Engine. *MoreInfo* is additional error information: ExtRC for Folder manager, DiagnosisInfo for Text Search Engine. xxxx and yyyy are message numbers returned by the component.

**Component:** Java or C++ APIs.

**Action:** 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.

---

**DGL0324A Error while getting information about an item.** [FRN=xxxx, ExtRC=yyyy]

**Explanation:** An error occurred while retrieving information about an item.

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

**Component:** Java or C++ APIs.

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

---

**DGL0325A Error while opening item attribute.**  
[FRN=xxxx, ExtRC=yyyy]

**Explanation:** An error occurred while opening an item attribute.

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

**Component:** Java or C++ APIs.

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

---

**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.

**Component:** Java or C++ APIs.

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

---

**DGL0327A Error while closing an attribute.**  
[FRN=xxxx, ExtRC=yyyy]

**Explanation:** An error occurred while closing an item attribute.

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

**Component:** Java or C++ APIs.

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

---

---

**DGL0328A Error while getting the item affiliated table of contents. [FRN=xxxx, ExtRC=yyyy]**

**Explanation:** An error occurred while retrieving the item-affiliated table of contents.

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

**Component:** Java or C++ APIs.

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

---

**DGL0329A Error while getting the table of contents of a folder or workbasket. [FRN=xxxx, ExtRC=yyyy]**

**Explanation:** An error occurred while retrieving the table of contents for a folder or workbasket.

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

**Component:** Java or C++ APIs.

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

---

**DGL0330A Error while closing table of contents of a folder or workbasket. [FRN=xxxx, ExtRC=yyyy]**

**Explanation:** An error occurred while closing table of contents for a folder or workbasket.

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

**Component:** Java or C++ APIs.

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

---

**DGL0331A Invalid query, query not specified**

**Explanation:** A query string is invalid, or it has not been specified.

**Component:** Java or C++ APIs.

**Action:** Check the validity of your query string, or whether it exists.

---

**DGL0332A Error while creating an index group. [IML=xxxx, DiagnosisInfo=yyyy]**

**Explanation:** An error occurred while creating a text search index group.

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

**Component:** Java or C++ APIs.

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

---

**DGL0333A Error while deleting an index group. [IML=xxxx, DiagnosisInfo=yyyy]**

**Explanation:** An error occurred while deleting a text search index group.

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

**Component:** Java or C++ APIs.

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

---

**DGL0334A Error while closing an index group. [IML=xxxx, DiagnosisInfo=yyyy]**

**Explanation:** An error occurred while closing a text search index group.

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

**Component:** Java or C++ APIs.

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

---

**DGL0335A Error while adding query scope. [IML=xxxx, DiagnosisInfo=yyyy]**

**Explanation:** An error occurred while adding a text search query scope.

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

**Component:** Java or C++ APIs.

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

---

**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.

**Component:** Java or C++ APIs.

**Action:** Close the cursor, then reopen it.

---

**DGL0337A Data access position invalid.**

**Explanation:** An invalid position has been specified for the resultSet cursor's setToNext or setPosition methods.

**Component:** Java or C++ APIs.

**Action:** Reset the data access position to one that is valid for resultSet cursor.

---

**DGL0338A Data access predicate invalid.**

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

**Component:** Java or C++ APIs.

**Action:** Supply a valid predicate to the findObject method.

---

**DGL0340A Data access cursor not update-capable.**

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

**Component:** Java or C++ APIs.

**Action:** Set the datastore read/write option to allow writing to the file, and re-execute the query.

---

**DGL0341A Function not available.**

**Explanation:** This function is not available.

**Component:** Java or C++ APIs.

**Action:** Do not invoke this function.

---

**DGL0342A Invalid datastore for this object type.**

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

**Component:** Java or C++ APIs.

**Action:** Determine the correct datastore to pass and try again.

---

**DGL0343A Attempted comparison of different object types.**

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

**Component:** Java or C++ APIs.

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

---

**DGL0344A There is no persistent ID for this object.**

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

**Component:** Java or C++ APIs.

**Action:** Set the persistent ID for the object and try again.

---

**DGL0345A Cannot set the persistent ID to null.**

**Explanation:** The persistent ID cannot be set to null.

**Component:** Java or C++ APIs.

**Action:** 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.

---

**DGL0346A Cannot set the API parameter object to null.**

**Explanation:** The DL API parameter object is required to access object content from the datastore; this cannot be set to null.

**Component:** Java or C++ APIs.

**Action:** All objects accessed from the datastore are required to have a persistent ID; the null character is illegal to use. Be sure the persistent ID is non-null when setting API parameter object.

---

**DGL0347A There is no API parameter for this object.**

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

**Component:** Java or C++ APIs.

**Action:** Make sure that the API parameter is set for this object.

---

**DGL0348A Attempted assignment of different object types.**

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

**Component:** Java or C++ APIs.

**Action:** Make sure that the object type remains unchanged, and try again.

---

**DGL0349A Error while deleting a part, API: [FRN=xxxx, ExtRC=yyyy].**

**Explanation:** An error occurred while deleting a part from the datastore.

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

**Component:** Java or C++ APIs.

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

---

**DGL0350A Cannot add; the object content is not set.**

**Explanation:** The add function requires that the object content be set prior to adding it to the datastore.

**Component:** Java or C++ APIs.

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

---

**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.

**Component:** Java or C++ APIs.

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

---

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

**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.

**Component:** Java or C++ APIs.

**Action:** Correct the problem and retry the operation.

---

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

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

**Component:** Java or C++ APIs.

**Action:** Close all unnecessary processes and retry the operation.

---

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

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

**Component:** Java or C++ APIs.

**Action:** Make sure that the current file is valid and has not been corrupted, then retry the operation.

---

**DGL0355A Attempted to concatenate two different object types.**

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

**Component:** Java or C++ APIs.

---

**Action:** Make sure that the object type is the same, and retry the operation.

---

**DGL0356A Cannot index with different object type.**

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

**Component:** Java or C++ APIs.

**Action:** Make sure that the object type is the same, and retry the operation.

---

**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.

**Component:** Java or C++ APIs.

**Action:** Make sure that the object type is the same, and retry the operation.

---

**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.

**Component:** Java or C++ APIs.

**Action:** Correct the problem and retry the operation.

---

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

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

**Component:** Java or C++ APIs.

**Action:** Use a unique file name or change the file option to fileOption "1": overwrite existing files with the same name, then retry the operation.

---

**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 also may be in write-protect mode, or its residence disk might be access-protected.

**Component:** Java or C++ APIs.

**Action:** Correct the problem and attempt to open the current file again.

---

---

**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.

**Component:** Java or C++ APIs.

**Action:** Correct the problem and retry the operation.

---

**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.

**Component:** Java or C++ APIs.

**Action:** Check the amount of free disk space and machine memory, then retry the operation.

---

**DGL0363A Invalid file option.**

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

**Component:** Java or C++ APIs.

**Action:** 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
- 

**DGL0364A The 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.

**Component:** Java or C++ APIs.

**Action:** Make sure that the part object handle is set and retry the operation.

---

**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.

**Component:** Java or C++ APIs.

**Action:** Use the DKAnnotation class methods to first set the annotation object, then use setAffiliatedData(DKAnnotation&) to set the affiliated data.

---

**DGL0366A The required search engine items of information are not set.**

**Explanation:** This error is generated when this object content is indicated to be search-indexed, but searchEngine, searchIndex and searchInfo items of information were not supplied.

**Component:** Java or C++ APIs.

**Action:** Set the search information with setSearchEngine(), setSearchIndex() and setSearchInfo().

---

**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.

**Component:** Java or C++ APIs.

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

---

**DGL0368A Error while retrieving a part, API: [FRN=xxxx, ExtRC=yyyy]**

**Explanation:** An error occurred while retrieving a part from the datastore.

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

**Component:** Java or C++ APIs.

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

---

**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.

**Component:** Java or C++ APIs.

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

---

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

**Explanation:** The specified file name cannot be located, due to the path, directory or file name being corrupt or nonexistent.

**Component:** Java or C++ APIs.

---

**Action:** Check the path, directory and file name, then try again.

---

**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.

**Component:** Java or C++ APIs.

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

---

**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.

**Component:** Java or C++ APIs.

**Action:** No action necessary.

---

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

**Explanation:** Reading the object content was only partially successful.

**Component:** Java or C++ APIs.

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

---

**DGL0374A Cannot allocate memory for file name.**

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

**Component:** Java or C++ APIs.

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

---

**DGL0375A No item type defined for this language.**

**Explanation:** There is no item type defined under the current language setting.

**Component:** Java or C++ APIs.

**Action:** Set to the correct language; or define some new item types in the current language; or use English language. Then try again.

---

**DGL0376A Data item not found.**

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

**Component:** Java or C++ APIs.

**Action:** 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  $1 \leq i \leq \text{dataCount}()$ .

---

**DGL0377A Property not found.**

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

**Component:** Java or C++ APIs.

**Action:** 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  $1 \leq i \leq \text{propertyCount}()$ .

---

**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.

**Component:** Java or C++ APIs.

**Action:** Change to a unique data name and retry the operation.

---

**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.

**Component:** Java or C++ APIs.

**Action:** Change to a unique property name and retry the operation.

---

**DGL0380A Data item property not found.**

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

**Component:** Java or C++ APIs.

**Action:** 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  $1 \leq i \leq \text{dataPropertyCount}(data\_id)$ .

---



---

**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.

**Component:** Java or C++ APIs.

**Action:** Set the value of data item properties before setting the data item value.

---

**DGL0382A Invalid iterator.**

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

**Component:** Java or C++ APIs.

**Action:** Use the correct iterator type and instance that belongs to the specified collection.

---

**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.

**Component:** Java or C++ APIs.

**Action:** Correct the programming.

---

**DGL0384A Error in getting catalog information: [FRN=xxxx, ExtRC=yyyy].**

**Explanation:** An error occurred while calling the catalog function.

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

**Component:** Java or C++ APIs.

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

---

**DGL0385A Data object is null.**

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

**Component:** Java or C++ APIs.

**Action:** Supply the correct parameter specification for calling the current method.

---

**DGL0386A Protocol not supported.**

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

**Component:** Java or C++ APIs.

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

---

---

**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.

**Component:** Java or C++ APIs.

**Action:** Correct the program and retry the operation.

---

**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.

**Component:** Java or C++ APIs.

**Action:** 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.

---

**DGL0389A Object type not set.**

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

**Component:** Java or C++ APIs.

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

---

**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.

**Component:** Java or C++ APIs.

**Action:** Set the item ID before attempting to call any method that requires an item ID.

---

**DGL0391A No connection to datastore.**

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

**Component:** Java or C++ APIs.

**Action:** Call the connect() method to establish a connection to the datastore.

---

**DGL0392A Index out of bounds.**

**Explanation:** The specified data\_id used to access data items is out of bounds.

**Component:** Java or C++ APIs.

**Action:** Correct the programming; the range is  $1 \leq \text{data\_id} \leq \text{dataCount}()$ .

---

---

**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 for Folder manager, IML for Text Search Engine. *MoreInfo* is additional error information: ExtRC for Folder manager, *DiagnosisInfo* for Text Search Engine. *xxxx* and *yyyy* are message numbers returned by the component.

**Component:** Java or C++ APIs.

**Action:** 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.

---

**DGL0394A Error in *API\_name***, [*Prefix=xxxx*,  
*MoreInfo=yyyy*]

**Explanation:** An error occurred in calling *API\_name*.

*Prefix* is the component ID: FRN for Folder manager, IML for Text Search Engine. *MoreInfo* is additional error information: ExtRC for Folder manager, *DiagnosisInfo* for Text Search Engine. *xxxx* and *yyyy* are message numbers returned by the component.

**Component:** Java or C++ APIs.

**Action:** 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.

---

**DGL0395A Data type undefined.**

**Explanation:** The specified data type is not defined.

**Component:** Java or C++ APIs.

**Action:** Correct the programming to use a defined data type.

---

**DGL0396A Data type unsupported.**

**Explanation:** The specified data type is not supported.

**Component:** Java or C++ APIs.

**Action:** Correct the programming to use a supported data type.

---

**DGL0397A Invalid date.**

**Explanation:** The format of the date is invalid.

**Component:** Java or C++ APIs.

**Action:** Change the date to the *yyyy-mm-dd* format.

---

---

**DGL0398A ItemId must be blank for add.**

**Explanation:** When adding a document or folder to a datastore, the *itemId* field cannot be specified; this will automatically be assigned by the datastore.

**Component:** Java or C++ APIs.

**Action:** Clear the *itemId* field.

---

**DGL0399A Item type unknown.**

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

**Component:** Java or C++ APIs.

**Action:** Item type must be set to either *DK\_DOCUMENT* or *DK\_FOLDER*.

---

**DGL0400A Invalid object type.**

**Explanation:** The type of the object either supplied to or used by the component method is invalid.

**Component:** Java or C++ APIs.

**Action:** See *online API reference* to find the correct usage of the method.

---

**DGL0401A Disconnect cannot be done while in a transaction.**

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

**Component:** Java or C++ APIs.

**Action:** Commit (or roll back) the transaction prior to disconnecting from the datastore.

---

**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.

**Component:** Java or C++ APIs.

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

---

**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.

**Component:** Java or C++ APIs.

---

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

---

**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.

**Component:** Java or C++ APIs.

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

---

**DGL0405A Invalid query; missing parenthesis.**

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

**Component:** Java or C++ APIs.

**Action:** Correct the query string syntax.

---

**DGL0406A Invalid query; missing keyword.**

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

**Component:** Java or C++ APIs.

**Action:** Correct the query string syntax.

---

**DGL0407A Invalid query; option not specified.**

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

**Component:** Java or C++ APIs.

**Action:** Correct the query string syntax.

---

**DGL0408A Invalid query; invalid search or option value specified.**

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

**Component:** Java or C++ APIs.

**Action:** Correct the query string syntax.

---

**DGL0409A Invalid query; invalid index class specified.**

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

**Component:** Java or C++ APIs.

**Action:** Correct the query string syntax.

---

**DGL0410A Invalid query, invalid attribute specified.**

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

**Component:** Java or C++ APIs.

**Action:** Correct the query string syntax.

---

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

**Explanation:** An error occurred while listing text search indexes.

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

**Component:** Java or C++ APIs.

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

---

**DGL0412A Error; no start transaction done.**

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

**Component:** Java or C++ APIs.

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

---

**DGL0413A Error; transaction already started.**

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

**Component:** Java or C++ APIs.

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

---

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

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

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

**Component:** Java or C++ APIs.

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

---

---

**DGL0415A Delete fails because item is checked out.**

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

**Component:** Java or C++ APIs.

**Action:** Check in items to be deleted, prior to their deletion.

---

**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.

**Component:** Java or C++ APIs.

**Action:** Supply a sort function object as a parameter, or set the sort function in the collection.

---

**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.

**Component:** Java or C++ APIs.

**Action:** Use a valid folder with a `DK_CM_DKFOLDER` attribute or retrieve the item with any necessary retrieval options.

---

**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`.

**Component:** C++ APIs.

**Action:** Check the type of object inside `DKAny` and use the proper operation for that type.

---

**DGL0419A Member not found.**

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

**Component:** Java or C++ APIs.

**Action:** Correct the programming.

---

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

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

**Component:** Java or C++ APIs.

**Action:** Correct the programming.

---

---

**DGL0421A Item is not checked out.**

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

**Component:** Java or C++ APIs.

**Action:** Correct the programming.

---

**DGL0422A DDO is not associated with any datastore.**

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

**Component:** Java or C++ APIs.

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

---

**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`.

**Component:** Java or C++ APIs.

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

---

**DGL0424A Part ID not set.**

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

**Component:** Java or C++ APIs.

**Action:** Correct the programming; set the part ID.

---

**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.

**Component:** Java or C++ APIs.

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

---

**DGL0426A Index class not found.**

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

**Component:** Java or C++ APIs.

**Action:** 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.

---

---

**DGL0427A No more memory.**

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

**Component:** Java or C++ APIs.

**Action:** Inspect the machine memory resources.

---

**DGL0428A Error while getting procedure address.**

**Explanation:** An error occurred while getting a procedure address.

**Component:** Java or C++ APIs.

**Action:** See your system administrator or IBM service representative.

---

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

**Explanation:** An error occurred while deleting a text search result.

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

**Component:** Java or C++ APIs.

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

---

**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 message numbers from the Text Search Engine API.

**Component:** Java or C++ APIs.

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

---

**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 message numbers from the Text Search Engine API.

**Component:** Java or C++ APIs.

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

---

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

**Explanation:** An error occurred while retrieving similar text search documents.

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

**Component:** Java or C++ APIs.

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

---

**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.

**Component:** Java or C++ APIs.

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

---

**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 being used by an index class.

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

**Component:** Java or C++ APIs.

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

---

**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 being used by an index class.

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

**Component:** Java or C++ APIs.

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

---

---

**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.

**Component:** Java or C++ APIs.

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

---

**DGL0437A Attribute not found.**

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

**Component:** Java or C++ APIs.

**Action:** Make sure that the attribute name is spelled correctly and that the ID number is correct.

---

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

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

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

**Component:** Java or C++ APIs.

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

---

**DGL0439A Neither attribute ID or attribute name is set.**

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

**Component:** Java or C++ APIs.

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

---

**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 message numbers from the Text Search Engine API.

**Component:** Java or C++ APIs.

**Action:** Look up message numbers xxxx and yyyy in the *Text Search Engine Application Programming Reference*

---

and take the recommended action.

---

**DGL0441A Error. Object has already been deleted.**

**Explanation:** The object no longer exists.

**Component:** Java or C++ APIs.

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

---

**DGL0442A Error in creation of a remote class.**

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

This error could 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.

**Component:** Java or C++ APIs.

**Action:** 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.

---

**DGL0443A ItemId not found.**

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

**Component:** Java or C++ APIs.

**Action:** Make sure that the item ID is spelled correctly.

---

**DGL0444A Part object already exists.**

**Explanation:** A part object is identified by its itemId, partId, and repType (representation type). Each part object must be unique.

**Component:** Java or C++ APIs.

**Action:** Use a unique combination of itemId, partId, and repType (representation type).

---

**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.

**Component:** Java or C++ APIs.

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

---

---

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

**Explanation:** An error occurred while clearing an index.

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

**Component:** Java or C++ APIs.

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

---

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

**Explanation:** An error occurred while creating an index.

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

**Component:** Java or C++ APIs.

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

---

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

**Explanation:** An error occurred while deleting an index.

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

**Component:** Java or C++ APIs.

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

---

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

**Explanation:** An error occurred while getting index information.

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

**Component:** Java or C++ APIs.

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

---

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

**Explanation:** An error occurred while getting index function status.

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

**Component:** Java or C++ APIs.

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

---

**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.

**Component:** Java or C++ APIs.

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

---

**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 message numbers from the Text Search Engine API.

**Component:** Java or C++ APIs.

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

---

**DGL0453A Hostname, userid, or password is not set for media server.**

**Explanation:** You cannot add a streaming video object to the media server because you have not set the proper information (e.g., hostname, user ID and password) in the media stream data.

**Component:** Java or C++ APIs

**Action:** Set the hostname, user ID and password in the media stream data object.

---

**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.

**Component:** Java or C++ APIs

**Action:** Set the file name in the media stream data.

---

**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.

**Component:** Java or C++ APIs

**Action:** Set the media stream data to be the extension of the blob object before adding the blob.

---

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

**Explanation:** Updating a media object is not supported.

**Component:** Java or C++ APIs

**Action:** Correct your program.

---

**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.

**Component:** C++ APIs

**Action:** 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.

---

**DGL0458A The datastore is not set.**

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

**Component:** Java or C++ APIs

**Action:** Set the datastore to correct your program.

---

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

**Explanation:** The extension name is not supported.

**Component:** Java or C++ APIs

**Action:** Verify that the extension is supported before invoking the function. Use the method `isSupported(extName)` or `listFunctions()` in `dkDatastoreExt` object to verify support.

---

**DGL0460A This method does not support Multistream blobs.**

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

**Component:** Java or C++ APIs

**Action:** Correct your program.

---

---

**DGL0461A Stream does not exist.**

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

**Component:** Java or C++ APIs

**Action:** Use the `listStreamName` method to obtain a list of existing stream names.

---

**DGL0462A Need to provide userid.**

**Explanation:** The user ID parameter is null.

**Component:** Java or C++ APIs

**Action:** Correct your program. Make sure that the user ID parameter is not null.

---

**DGL0463A Need to provide old password.**

**Explanation:** The old password parameter is null.

**Component:** Java or C++ APIs

**Action:** Make sure that the old password parameter is not null.

---

**DGL0464A Invalid password.**

**Explanation:** The password parameter is null or does not meet the password requirement.

**Component:** Java or C++ APIs

**Action:** Correct the program or catch the exception.

---

**DGL0465A User ID not found.**

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

**Component:** Java or C++ APIs

**Action:** Correct the program or catch the exception.

---

**DGL0466A Wrong password.**

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

**Component:** Java or C++ APIs

**Action:** Correct the program or catch the exception.

---

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

**Explanation:** The specified schema mapping name is not valid.

**Component:** Java or C++ APIs

**Action:** Correct your program or catch the exception.

---



---

**DGL0468A Invalid query expression.**

**Explanation:** The query expression is not valid.

**Component:** Java or C++ APIs

**Action:** 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.

---

**DGL0469A Invalid query expression; invalid logical operator.**

**Explanation:** The logical operator specified in the query expression is neither AND nor OR.

**Component:** Java or C++ APIs

**Action:** Use AND or OR logical operators only.

---

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

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

**Component:** Java or C++ APIs

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

---

**DGL0471A Query type 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.

**Component:** Java or C++ APIs

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

---

**DGL0472A Item ID not set.**

**Explanation:** The item ID is not set.

**Component:** Java or C++ APIs

**Action:** Set the item ID before calling this function.

---

**DGL0473A Object type not set.**

**Explanation:** The object type is not set.

**Component:** Java or C++ APIs

**Action:** Set the object type prior to calling this function.

---

---

**DGL0474A Datastore name not set.**

**Explanation:** The datastore name is not set.

**Component:** Java or C++ APIs

**Action:** Set the datastore name prior to calling this function.

---

**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.

**Component:** Java or C++ APIs

**Action:** Correct your program or the mapping information.

---

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

**Explanation:** The schema mapping is not found.

**Component:** Java or C++ APIs

**Action:** Correct your program or define the schema mapping.

---

**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.

**Component:** Java or C++ APIs

**Action:** Correct your program or the schema mapping definition.

---

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

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

**Component:** Java or C++ APIs

**Action:** Correct your program or the schema mapping definition.

---

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

**Explanation:** The specified object type is not found.

**Component:** Java or C++ APIs

**Action:** 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.

---

---

**DGL0480A Null query expression.**

**Explanation:** The submitted query expression must not be null.

**Component:** Java or C++ APIs

**Action:** Correct your program.

---

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

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

**Component:** Java or C++ APIs

**Action:** Correct your program or the search template definition.

---

**DGL0482A Function not supported: [mmm].**

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

**Component:** Java or C++ APIs

**Action:** Do not use this function or catch the exception.

---

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

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

**Component:** Java or C++ APIs

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

---

**DGL0484A Error in query execution.**

**Explanation:** An error occurred while running a query.

**Component:** Java or C++ APIs

**Action:** 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).

---

**DGL0485A Part already exists.**

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

**Component:** Java or C++ APIs

**Action:** Specify a different binary data file to add.

---

---

**DGL0486A File name not set.**

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

**Component:** Java or C++ APIs

**Action:** Specify a valid file name and attempt to create the object again.

---

**DGL0487A Persistent ID not set.**

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

**Component:** Java or C++ APIs

**Action:** Set the PID for the XDO or DDO.

---

**DGL0488A Primary keys not defined.**

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

**Component:** Java or C++ APIs

**Action:** Define primary keys in the PID for the XDO or DDO.

---

**DGL0489A Primary ID 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.

**Component:** Java or C++ APIs

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

---

**DGL0490A Table columns not defined.**

**Explanation:** The retrieved tables do not contain columns.

**Component:** Java or C++ APIs

**Action:** Make sure that tables have columns defined.

---

**DGL0491A Invalid PID object not found.**

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

**Component:** Java or C++ APIs

**Action:** Specify a valid PID.

---

**DGL0492A MIME type not defined.**

**Explanation:** The specified MIME type is invalid.

**Component:** Java or C++ APIs

**Action:** Specify a valid MIME type.

---

---

**DGL0493A Content type not defined.**

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

**Component:** Java or C++ APIs

**Action:** Specify a valid content class definition.

---

**DGL0494A Content definition ID not found.**

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

**Component:** Java or C++ APIs

**Action:** Specify a valid content definition ID.

---

**DGL0495A Subentity not found.**

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

**Component:** Java or C++ APIs

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

---

**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.

**Component:** Java or C++ APIs

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

---

**DGL0501A MIME2app does not exist.**

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

**Component:** Java or C++ APIs

**Action:** 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 doesn't exist.

---

**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.

**Component:** Java or C++ APIs

**Action:** Record the return code and see your system administrator or IBM service representative.

---

**DGL0503A Unable to delete a MIME2app object.**

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

**Component:** Java or C++ APIs

**Action:** 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.

---

**DGL0504A Unable to update a MIME2app object.**

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

**Component:** Java or C++ APIs

**Action:** 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.

---

**DGL0505A Unable to retrieve a MIME2app object.**

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

**Component:** Java or C++ APIs

**Action:** 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.

---

**DGL0506A Unable to retrieve all MIME2app objects.**

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

**Component:** Java or C++ APIs

**Action:** Record the return code and see your system administrator or IBM service representative.

---

**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.

**Component:** Java or C++ APIs

**Action:** Record the return code and see your system administrator or IBM service representative.

---

---

**DGL0508A Unable to delete all MIME2app objects.**

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

**Component:** Java or C++ APIs

**Action:** Record the return code and see your system administrator or IBM service representative.

---

**DGL0511A The requested cc2MIME object does not exist.**

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

**Component:** Java or C++ APIs

**Action:** 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.

---

**DGL0512A Unable to create a new cc2MIME object.**

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

**Component:** Java or C++ APIs

**Action:** Record the return code and see your system administrator or IBM service representative.

---

**DGL0513A Unable to delete a cc2MIME object.**

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

**Component:** Java or C++ APIs

**Action:** 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.

---

**DGL0514A Unable to update a cc2MIME object.**

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

**Component:** Java or C++ APIs

**Action:** 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.

---

**DGL0515A Unable to retrieve a cc2MIME object.**

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

**Component:** Java or C++ APIs

**Action:** 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.

---

**DGL0516A Unable to list all the cc2MIME objects.**

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

**Component:** Java or C++ APIs

**Action:** Record the return code and see your system administrator or IBM service representative.

---

**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.

**Component:** Java or C++ APIs

**Action:** Record the return code and see your system administrator or IBM service representative.

---

**DGL0518A Unable to delete all cc2MIME objects.**

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

**Component:** Java or C++ APIs

**Action:** Record the return code and see your system administrator or IBM service representative.

---

**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.

**Component:** Java or C++ APIs

**Action:** Record the return code and see your system administrator or IBM service representative.

---

**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.

**Component:** Java or C++ APIs

**Action:** Record the return code and see your system administrator or IBM service representative.

---

**DGL0523A Unable to delete the requested privilege set object.**

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

**Component:** Java or C++ APIs

**Action:** 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.

---

**DGL0524A Unable to update a privilege set object.**

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

**Component:** Java or C++ APIs

**Action:** 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.

---

**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.

**Component:** Java or C++ APIs

**Action:** 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.

---

**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.

**Component:** Java or C++ APIs

**Action:** 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.

---

**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.

**Component:** Java or C++ APIs

**Action:** Record the return code and see your system administrator or IBM service representative.

---

**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.

**Component:** Java or C++ APIs

**Action:** 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.

---

**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.

**Component:** Java or C++ APIs

**Action:** Record the return code and see your system administrator or IBM service representative.

---

**DGL0533A Unable to delete the requested access control list object.**

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

**Component:** Java or C++ APIs

**Action:** 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.

---

**DGL0534A Unable to update an access control list object.**

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

**Component:** Java or C++ APIs

**Action:** 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.

---

**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.

**Component:** Java or C++ APIs

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

---

**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.

**Component:** Java or C++ APIs

**Action:** 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.

---

**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.

**Component:** Java or C++ APIs

**Action:** 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.

---

**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.

**Component:** Java or C++ APIs

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

---

**DGL0540A DDO XML attribute not found.**

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

**Component:** Java or C++ APIs

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

---

**DGL0541A Service is already registered.**

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

**Component:** Java or C++ APIs

**Action:** No action is necessary. The service was already registered.

---

**DGL0542A Service is not available.**

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

**Component:** Java or C++ APIs

**Action:** Register the service before unregistering it.

---

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

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

**Component:** Java or C++ APIs

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

---

**DGL0544A Unable to unlock item.**

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

**Component:** Java or C++ APIs

**Action:** Make sure that the item is checked out by your user ID.

---

**DGL0545A Unable to check in item.**

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

**Component:** Java or C++ APIs

**Action:** Make sure that the item is checked out by your user ID.

---

**DGL0546A Unable to check out item.**

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

**Component:** Java or C++ APIs

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

---

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

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

**Component:** Java or C++ APIs

**Action:** Make sure that the item is unlocked.

---

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

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

**Component:** Java or C++ APIs

**Action:** Make sure that the item is checked out by your user ID.

---

**DGL0549A DDO XML attribute's value invalid: [nnn].**

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

**Component:** Java or C++ APIs

**Action:** Correct your XML document accordingly and try again. You might refer to the user's guide for how to create a DDO XML attribute.

---

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

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

**Component:** Java or C++ APIs

**Action:** Correct your program and make sure that the specified path for XML output already exists in the system.

---

**DGL0551A The XML Parser encounters an error:** [mmm].

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

**Component:** Java or C++ APIs

**Action:** Correct your XML document accordingly and try again.

---

**DGL0552A Cannot reset the value.**

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

**Component:** Java or C++ APIs

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

---

**DGL0553A Reach maximum pool size, cannot create new connection.**

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

**Component:** Java or C++ APIs

**Action:** 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.

---

**DGL0554A Datastore does not belong to the pool.**

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

**Component:** Java or C++ APIs

**Action:** None.

---

**DGL0555A Collection does not belong to the pool.**

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

**Component:** Java or C++ APIs

**Action:** None.

---

**DGL0556A Failed to add administrative domain.**

**Explanation:** An error occurred while adding an administrative domain.

**Component:** Java or C++ APIs

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

---

**DGL0557A Failed to update administrative domain.**

**Explanation:** An error occurred while updating an administrative domain.

**Component:** Java or C++ APIs

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

---

**DGL0558A Failed to delete administrative domain.**

**Explanation:** An error occurred while deleting an administrative domain.

**Component:** Java or C++ APIs

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

---

**DGL0559A Failed to list or retrieve administrative domains.**

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

**Component:** Java or C++ APIs

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

---

**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.

**Component:** Java or C++ APIs

**Action:** Use a valid folder for the source item with a DK\_CM\_DKFOLDER attribute or retrieve the item with any necessary retrieval options.

---

**DGL0561A Folder is not the source item's DKFolder.**

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

**Component:** Java or C++ APIs

**Action:** Use the correct and same DKFolder object reference found in the source item.

---

**DGL0562A Internal error occurred.**

**Explanation:** An internal error occurred.

**Component:** Java or C++ APIs

**Action:** See your IBM service representative.

---

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

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

**Component:** Java or C++ APIs

**Action:** You must set the source item of the link.

---

**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.

**Component:** Java or C++ APIs

**Action:** Use a valid document for the source item with a DK\_CM\_DKPARTS attribute or retrieve the item with any necessary retrieval options.

---

**DGL0565A DKParts is not the source item's DKParts collection.**

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

**Component:** Java or C++ APIs

**Action:** Use a valid DKParts collection.

---

**DGL0566A User name cannot be empty in DKAuthenticationData class.**

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

**Component:** Java or C++ APIs

**Action:** Define the user name in the DKAuthenticationData object.

---

---

**DGL0567A End of file occurred while reading.**

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

**Component:** Java or C++ APIs

**Action:** Make sure that the current file is valid and has not been corrupted, then retry the operation.

---

**DGL0568A End of file came prematurely while reading headers.**

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

**Component:** Java or C++ APIs

**Action:** Make sure that the current file is valid and has not been corrupted, then retry the operation.

---

**DGL0569A Invalid action number found in internal parse table.**

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

**Component:** Java or C++ APIs

**Action:** See your system administrator or IBM service representative.

---

**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.

**Component:** Java or C++ APIs

**Action:** 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.

---

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

**Explanation:** An incorrect or invalid logical operator was used.

**Component:** Java or C++ APIs

**Action:** Correct the operator in your program and retry the operation.

---

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

**Explanation:** An incorrect or invalid operator was used.

**Component:** Java or C++ APIs

**Action:** Correct the operator in your program and retry the operation.

---



---

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

**Explanation:** This unary operator requires one operand.

**Component:** Java or C++ APIs

**Action:** Correct the input parameter in your program and retry the operation.

---

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

**Explanation:** This binary operator requires two operands.

**Component:** Java or C++ APIs

**Action:** Correct the input parameter in your program and retry the operation.

---

**DGL0575A** Null array. Invalid input.

**Explanation:** A null array is not valid input.

**Component:** Java or C++ APIs

**Action:** Correct the input parameter in your program and retry the operation.

---

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

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

**Component:** Java or C++ APIs

**Action:** Correct the input parameter in your program and retry the operation.

---

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

**Explanation:** An internal error occurred.

**Component:** Java or C++ APIs

**Action:** See your IBM service representative.

---

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

**Explanation:** An internal error occurred.

**Component:** Java or C++ APIs

**Action:** See your IBM service representative.

---

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

**Explanation:** An internal error occurred.

**Component:** Java or C++ APIs

**Action:** See your IBM service representative.

---

---

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

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

**Component:** Java or C++ APIs

**Action:** Try a different database name, user ID, or password.

---

**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.

**Component:** Java or C++ APIs

**Action:** Change the session ID and retry the connection.

---

**DGL0584A** The server name does not exist.

**Explanation:** The datastore name specified during a connect does not exist.

**Component:** Java or C++ APIs

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

---

**DGL0586A** The user's password has expired

**Explanation:** The user's password has expired.

**Component:** Java or C++ APIs

**Action:** Reset or change the password for this server.

---

**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.

**Component:** Java or C++ APIs

**Action:** The database schema needs to be specified during the connection or in the server definition for the specified server that is used during a datastore list data sources.

---

**DGL0588A** Invalid data ID was supplied to the DDO.

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

**Component:** Java or C++ APIs

**Action:** Specify a valid property ID for the DDO.

---

---

**DGL0589A Invalid property ID was supplied to the DDO.**

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

**Component:** Java or C++ APIs

**Action:** Specify a valid property ID for the DDO.

---

**DGL1000A The message ID is not found.**

**Explanation:** The given message ID cannot be found.

**Component:** Java or C++ APIs

**Action:** Verify that the message ID constant you used exists and is associated with a message string.

---

**DGL1006A Invalid number of text mapping.**

**Explanation:** Only one text entity mapping is supported in a text query expression.

**Component:** Java or C++ APIs

**Action:** Correct your program.

---

**DGL1602A A connection parameter that is not valid was specified in the connect string.**

**Explanation:** The connect string has an invalid connection parameter.

**Component:** Java or C++ APIs

**Action:** Correct the connect string using only those connection parameters as documented for the `DKDatastoreIP.connect()` method. See *online API reference*.

---

**DGL1603A A required connection parameter was not specified in the connect string.**

**Explanation:** A required connection parameter was not specified in the connect string.

**Component:** Java or C++ APIs

**Action:** Correct the connect string to include all the required connection parameters as documented for the `DKDatastoreIP.connect()` method. See *online API reference*.

---

**DGL1604A The document type is not valid.**

**Explanation:** The document type is not valid.

**Component:** Java or C++ APIs

**Action:** 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.

---

---

**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.

**Component:** Java or C++ APIs

**Action:** 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 *ImagePlus® FAF MVS/ESA™, API System Programmer's Guide*; the Object Distribution Manager API return codes are documented in *Content Manager Messages and Codes Version 7 Release 1*.

---

**DGL1606A FAF Error received [HostRC][HostReas1] [HostReas2].**

**Explanation:** The Folder Application Facility host API has completed with an error return code.

**Component:** Java or C++ APIs

**Action:** 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 FAF MVS/ESA WRAPI Application Programmer's Guide*.

---

**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. This error occurs when system resources, such as memory, is not available.

**Component:** Java or C++ APIs

**Action:** 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).

---

**DGL1608A IODM Failure received [HostRC][HostReas1] [HostReas2].**

**Explanation:** The attempt to connect to the Object Distribution Manager has failed.

**Component:** Java or C++ APIs

**Action:** 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*.

---

---

**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.

**Component:** Java or C++ APIs

**Action:** The ulClientReas1 value contains the Folder Application Facility or Object Distribution Manager host API parameter data type identification of the incorrect parameter. See *ImagePlus FAF MVS/ESA WRAPI Application Programmer's Guide* for a complete listing of these identifiers. The identifiers are also described in *Folder Application Facility API Guide and Object Distribution Manager API Guide*. The incorrect parameter value could possibly have an incorrect length, an incorrect numeric value, or an incorrect numeric range. See *online API reference* for allowable values for this parameter.

---

**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.

**Component:** Java or C++ APIs

**Action:** 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:

- 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 may have successfully updated host resources. The ulClientReas2 value contains the actual network protocol return code.

---

**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.

**Component:** Java or C++ APIs

**Action:** 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 ulClientReas1 value. For TCP/IP, it is one of the following:

- 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.

---

**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.

**Component:** Java or C++ APIs

**Action:** 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.

---

**DGL1613A Invalid IODM return value.**

**Explanation:** Invalid data was received from the Object Distribution Manager host.

**Component:** Java or C++ APIs

**Action:** 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.

---

**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.

**Component:** Java or C++ APIs

**Action:** Correct the problem with the Object Distribution Manager host and retry the operation.

---

**DGL1615A Non-zero return from FAF, codes are [HostRC][HostReas1] [HostReas2].**

**Explanation:** Non-zero return from FAF, codes are [HostRC] [HostReas1] [HostReas2]

**Component:** Java or C++ APIs

**Action:** 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 *ImagePlus FAF MVS/ESA, API System Programmer's Guide*, while the Object Distribution Manager API return codes are documented in *Content Manager Messages and Codes Version 7 Release 1*.

---

**DGL1616A The folder must be empty before being deleted. The folder contains documents, possibly pending documents.**

**Explanation:** The folder must be empty before being deleted. The folder contains documents, possibly pending documents.

**Component:** Java or C++ APIs

**Action:** Delete all of the documents, including pending documents, from the folder, then delete the folder.

---

**DGL1617A The data object is already locked by user [nnn].**

**Explanation:** The data object is already locked by another user.

**Component:** Java or C++ APIs

**Action:** The user must first unlock the document or folder, then you can try the operation again.

---

**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]

**Component:** Java or C++ APIs

**Action:** The `ulClientRC` indicated the FAF Workstation Remote API return code. The FAF WRAPI return codes are documented in *ImagePlus FAF MVS/ESA WRAPI Application Programmer's Guide*.

---

**DGL1619A Datastore access mode is read only.**

**Explanation:** Datastore access mode is read only.

**Component:** Java or C++ APIs

**Action:** Make the datastore access mode read write using the `DKDatastoreIP.setOption()` method, then retry the operation.

---

**DGL1620A The document ID must be set for this operation.**

**Explanation:** The document ID must be set for this operation.

**Component:** Java or C++ APIs

**Action:** Set the document ID using the `DKPidXD0IP.setDocId()` method, then retry the operation.

---

## Chapter 4. API Messages, DGL2401 - DGL2801

You might receive any of the following messages from the Enterprise Information Portal APIs. The Content Management Information Center search looks for full words. You need to enter the entire word that you want to find. When searching for messages, enter the full message number, including the prefix. For example, to find information on DGL1234A, enter DGL1234A. To find information on a message that has only a number, enter the number.

---

**DGL2401A Message ID not found.**

**Explanation:** The given message ID cannot be found.

**Component:** Java or C++ APIs

**Action:** Verify that the message ID constant you are using exists and is associated with a message string.

---

**DGL2402A Only users with administrative privilege can access this function.**

**Explanation:** The current user does not have administrative privileges.

**Component:** Java or C++ APIs

**Action:** Log on as an administrator.

---

**DGL2403A This item already exists in the system.**

**Explanation:** An item with this name already exists in the system.

**Component:** Java or C++ APIs

**Action:** Choose another name for the item.

---

**DGL2404A User does not exist in the system.**

**Explanation:** The system does not recognize the user ID.

**Component:** Java or C++ APIs

**Action:** Check the capitalization and spelling of the user ID. If problems persist, see your system administrator.

---

**DGL2405A Password does not match.**

**Explanation:** The password does not match the user ID entered.

**Component:** Java or C++ APIs

**Action:** 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.

---

**DGL2406A Server name does not exist.**

**Explanation:** The specified server is not defined in the Enterprise Information Portal database.

**Component:** Java or C++ APIs

**Action:** Define the server or correct the Enterprise Information Portal database.

---

**DGL2407A Invalid user ID or password.**

**Explanation:** The supplied user ID or password is not valid.

**Component:** Java or C++ APIs

**Action:** Specify a valid user ID and password.

---

**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.

**Component:** Java or C++ APIs

**Action:** Check the spelling and capitalization of the user ID and password. Define an entity, server, or native entity that has schema mapping.

---

**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.

**Component:** Java or C++ APIs

**Action:** You can update the existing schema mapping instead of adding a new one.

---

**DGL2410A Datastore for schema mapping does not exist in the system.**

**Explanation:** The federated datastore is not connected to schema mapping.

**Component:** Java or C++ APIs

**Action:** Connect the federated datastore to schema mapping using the `setDatastore` function.

---

**DGL2411A Entity does not exist in the system.**

**Explanation:** The system does not recognize the entity name.

**Component:** Java or C++ APIs

**Action:** Check the spelling and capitalization of the entity name.

---

**DGL2412A Native entity does not exist in the system.**

**Explanation:** You entered a native entity name that the system does not recognize.

**Component:** Java or C++ APIs

**Action:** Check the spelling and capitalization of the native entity name.

---

**DGL2413A Attribute does not exist in the system.**

**Explanation:** You entered an attribute name that is not recognized by the system.

**Component:** Java or C++ APIs

**Action:** Check the spelling and capitalization of the attribute name.

---

**DGL2414A Server type does not exist in the system.**

**Explanation:** You entered a server type that the system does not recognize.

**Component:** Java or C++ APIs

**Action:** Check the spelling and capitalization of the server type.

---

**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.

**Component:** Java or C++ APIs

**Action:** Choose another name for the entity you are trying to create.

---

**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.

**Component:** Java or C++ APIs

**Action:** Choose another name for your attribute.

---

**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.

**Component:** Java or C++ APIs

**Action:** Choose another name for your search template.

---

**DGL2418A Search criteria already exists in the system.**

**Explanation:** This error occurs when a search criteria already exists with the same name as a search criteria a user is trying to create.

**Component:** Java or C++ APIs

**Action:** Choose another name for your search criteria.

---

**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.

**Component:** Java or C++ APIs

**Action:** Check the spelling and capitalization of the federated entity name.

---

**DGL2420A Federated attribute does not exist in the system.**

**Explanation:** You entered a federated attribute that the system does not recognize.

**Component:** Java or C++ APIs

**Action:** Check the spelling and capitalization of the federated attribute name

---

**DGL2421A The entity name is not set.**

**Explanation:** The entity name in the search template is not set.

**Component:** Java or C++ APIs

**Action:** Set the entity name.

---

**DGL2422A The attribute name is not set.**

**Explanation:** The attribute name in the search criteria is not set.

**Component:** Java or C++ APIs

**Action:** Set the attribute name.

---

---

**DGL2423A** The search criteria name is not set.

**Explanation:** The search criteria name is not set.

**Component:** Java or C++ APIs

**Action:** Set the search criteria name.

---

**DGL2424A** The search template name is not set.

**Explanation:** The search template name is not set.

**Component:** Java or C++ APIs

**Action:** Set the search template name.

---

**DGL2425A** Does not exist in the server inventory.

**Explanation:** You entered a name that the system does not recognize.

**Component:** Java or C++ APIs

**Action:** Check the spelling and capitalization of the name you first entered and try again.

---

**DGL2426A** Does not exist in the text inventory.

**Explanation:** You entered a name that the system does not recognize.

**Component:** Java or C++ APIs

**Action:** Check the spelling and capitalization of the name you first entered and try again.

---

**DGL2427A** Server already exists in the system.

**Explanation:** The specified server is already defined in the Enterprise Information Portal database.

**Component:** Java or C++ APIs

**Action:** Choose a different name for the server.

---

**DGL2428A** User already exists in the system.

**Explanation:** A user with this name already exists in the system.

**Component:** Java or C++ APIs

**Action:** Choose another name for the new user.

---

**DGL2429A** User group already exists in the system.

**Explanation:** A user group with this name already exists in the system.

**Component:** Java or C++ APIs

**Action:** Choose a different user group name.

---

---

**DGL2430A** User group does not exist in the system.

**Explanation:** You entered a user group that the system does not recognize.

**Component:** Java or C++ APIs

**Action:** Check the spelling and capitalization of the user group name and try again.

---

**DGL2431A** This item does not exist in the system.

**Explanation:** You entered an item name that the system does not recognize.

**Component:** Java or C++ APIs

**Action:** Check the spelling and capitalization of the item name and try again.

---

**DGL2432A** Associated entity does not exist in the system.

**Explanation:** You entered an associated entity name that the system does not recognize.

**Component:** Java or C++ APIs

**Action:** Check the spelling and capitalization of the associated entity name.

---

**DGL2433A** Associated native entity does not exist in the system.

**Explanation:** You entered an associated native entity name that the system does not recognize.

**Component:** Java or C++ APIs

**Action:** Check the spelling and capitalization of the associated native entity name and try again.

---

**DGL2434A** Server type unknown, server name: [nnn].

**Explanation:** The type of the given server is not known or the server is not defined.

**Component:** Java or C++ APIs

**Action:** Correct your program or the server definition in the federated schema.

---

**DGL2435A** Schema mapping error, no associated search server: [nnn].

**Explanation:** The associated search server for text search is not defined.

**Component:** Java or C++ APIs

**Action:** Correct the schema mapping. Define a text search server for text search and associate it with the appropriate content server.

---

---

**DGL2436A Invalid associated server: [nnn].**

**Explanation:** The definition of the associated server in the schema mapping is incorrect.

**Component:** Java or C++ APIs

**Action:** Correct your program or your schema mapping definition.

---

**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.

**Component:** Java or C++ APIs

**Action:** Correct your program.

---

**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.

**Component:** Java or C++ APIs

**Action:** Correct your program. Set the search criteria properly.

---

**DGL2439A Search criteria value is not set.**

**Explanation:** The search criteria value is not set.

**Component:** Java or C++ APIs

**Action:** Correct your program. Set the search criteria value.

---

**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.

**Component:** Java or C++ APIs

**Action:** Correct your program. Specify only one text search criterion.

---

**DGL2441A User cannot delete self.**

**Explanation:** The system does not allow you to delete the user ID you are currently using.

**Component:** Java or C++ APIs

**Action:** Log on as a different user. You can delete the user ID as long as you have the privilege to do so and are not logged onto the user ID you want to delete.

---

---

**DGL2442A Fail to import FDL.**

**Explanation:** The system cannot import the workflow diagram from the workflow builder to the workflow server.

**Component:** Java or C++ APIs

**Action:** Make sure that a workflow server is installed and connected. Record the return code and see your system administrator or IBM service representative.

---

**DGL2443A Fail to export FDL.**

**Explanation:** The system cannot export the workflow diagram from the workflow server to the workflow builder.

**Component:** Java or C++ APIs

**Action:** Make sure that a workflow server is installed and connected. Record the return code and see your system administrator or IBM service representative.

---

**DGL2444A Fail to start a workflow.**

**Explanation:** The system cannot start a workflow.

**Component:** Java or C++ APIs

**Action:** Make sure that a workflow server is installed and connected. Record the return code and see your system administrator or IBM service representative.

---

**DGL2445A Fail to terminate a workflow.**

**Explanation:** The system cannot terminate a workflow.

**Component:** Java or C++ APIs

**Action:** Make sure that a workflow server is installed and connected and the 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.

---

**DGL2446A Fail to suspend a workflow.**

**Explanation:** The system cannot suspend a workflow.

**Component:** Java or C++ APIs

**Action:** Make sure that a workflow server is installed, connected and not already suspended. Record your action and return code. See your system administrator or IBM service representative.

---



---

**DGL2447A Fail to resume a workflow.**

**Explanation:** The system cannot resume a suspended workflow.

**Component:** Java or C++ APIs

**Action:** Make sure that a workflow server is installed, connected and already suspended. Record your action and return code. See your system administrator or IBM service representative.

---

**DGL2448A Fail to create a workflow.**

**Explanation:** The system cannot create a new workflow.

**Component:** Java or C++ APIs

**Action:** Record your return code and see your system administrator or IBM service representative.

---

**DGL2449A Fail to update a workflow.**

**Explanation:** The system cannot update an existing workflow.

**Component:** Java or C++ APIs

**Action:** Make sure that a workflow server is installed and connected. Record your action and return code. See your system administrator or IBM service representative.

---

**DGL2450A Fail to delete a workflow.**

**Explanation:** The system cannot delete an existing workflow.

**Component:** Java or C++ APIs

**Action:** Make sure that a workflow 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.

---

**DGL2451A Fail to retrieve a workflow.**

**Explanation:** The system cannot retrieve an existing workflow and get information from the workflow server.

**Component:** Java or C++ APIs

**Action:** Make sure that a workflow server is installed and connected. Record your action and return code. See your system administrator or IBM service representative.

---

---

**DGL2452A Workflow needs to be retrieved first.**

**Explanation:** The system needs to retrieve a workflow before trying to get information from the workflow server.

**Component:** Java or C++ APIs

**Action:** Make sure that a workflow server is installed, connected and retrieved.

---

**DGL2453A Fail to create a worklist.**

**Explanation:** The system cannot create a new worklist.

**Component:** Java or C++ APIs

**Action:** Make sure that a workflow server is installed, and connected. Record your action and return code. See your system administrator or IBM service representative.

---

**DGL2454A Fail to update a worklist.**

**Explanation:** The system cannot update an existing worklist.

**Component:** Java or C++ APIs

**Action:** Make sure that a workflow server is installed and connected. Record your action and return code. See your system administrator or IBM service representative.

---

**DGL2455A Fail to delete a worklist.**

**Explanation:** The system cannot delete an existing worklist.

**Component:** Java or C++ APIs

**Action:** Make sure that a workflow server is installed and connected. Record your action and return code. See your system administrator or IBM service representative.

---

**DGL2456A Fail to retrieve a worklist.**

**Explanation:** The system cannot retrieve an existing worklist from the workflow server.

**Component:** Java or C++ APIs

**Action:** Make sure that a workflow server is installed and connected. Record your action and return code. See your system administrator or the IBM service representative.

---

**DGL2457A Worklist needs to be retrieved first.**

**Explanation:** An existing worklist needs to be retrieved before it can be updated or deleted.

**Component:** Java or C++ APIs

---

**Action:** Make sure that a workflow server is installed, connected and retrieved.

---

**DGL2458A Fail to start a work item.**

**Explanation:** The system cannot initiate a work item.

**Component:** Java or C++ APIs

**Action:** Make sure that a workflow server is installed and connected. Record your action and return code. See your system administrator or the IBM service representative.

---

**DGL2459A Fail to finish a work item.**

**Explanation:** The system cannot finish a work item.

**Component:** Java or C++ APIs

**Action:** Make sure that a workflow server is installed and connected. Record your action and return code. See your system administrator or the IBM service representative.

---

**DGL2460A Fail to check in a work item.**

**Explanation:** The system cannot check in a work item to the workflow server.

**Component:** Java or C++ APIs

**Action:** Make sure that a workflow server is installed and connected. Record your action and return code. See your system administrator or IBM service representative.

---

**DGL2461A Fail to check out a work item.**

**Explanation:** The system cannot check out a work item from the workflow server.

**Component:** Java or C++ APIs

**Action:** Make sure that a workflow server is installed and connected. Record your action and return code. See your system administrator or the IBM service representative.

---

**DGL2462A Fail to transfer a work item.**

**Explanation:** The system cannot transfer a work item from the current owner to the specified user.

**Component:** Java or C++ APIs

**Action:** Make sure that a workflow server is installed and connected. Record your action and return code. See your system administrator or IBM service representative.

---

**DGL2463A Fail to cancel a work item.**

**Explanation:** A work item cannot be canceled.

**Component:** Java or C++ APIs

**Action:** Make sure that a workflow server is installed and connected. Record your action and return code. See your system administrator or the IBM service representative.

---

**DGL2464A Fail to retrieve a work item.**

**Explanation:** A work item cannot be retrieved from the workflow server.

**Component:** Java or C++ APIs

**Action:** Make sure that a workflow server is installed and connected. Record your action and return code. See your system administrator or IBM service representative.

---

**DGL2465A Work item needs to be retrieved first.**

**Explanation:** A work item needs to be retrieved before performing an operation on it.

**Component:** Java or C++ APIs

**Action:** Make sure that a workflow server is installed and connected. Record your action and return code. See your system administrator or IBM service representative.

---

**DGL2466A Workflow notification type is invalid.**

**Explanation:** This error occurred while passing an invalid workflow notification type to the system.

**Component:** Java or C++ APIs

**Action:** Make sure that a workflow server is installed and connected. Record your action and return code. See your system administrator or IBM service representative.

---

**DGL2467A Fail to transfer a workflow notification.**

**Explanation:** The system cannot transfer a workflow notification to a specific user.

**Component:** Java or C++ APIs

**Action:** Make sure that a workflow server is installed and connected. Record your action and return code. See your system administrator or IBM service representative.

---

**DGL2468A Fail to cancel a workflow notification.**

**Explanation:** The system cannot cancel a workflow notification.

**Component:** Java or C++ APIs

**Action:** Make sure that a workflow server is installed and connected. Record your action and return code. See your system administrator or IBM service representative.

---

**DGL2469A Fail to retrieve a workflow notification.**

**Explanation:** The system cannot retrieve a workflow notification.

**Component:** Java or C++ APIs

**Action:** Make sure that a workflow server is installed and connected. Record your action and return code. See your system administrator or IBM service representative.

---

**DGL2470A Workflow notification needs to be retrieved first.**

**Explanation:** A workflow notification needs to be retrieved from the workflow server before performing an operation on it.

**Component:** Java or C++ APIs

**Action:** Make sure that a workflow server is installed and connected. Record your action and return code. See your system administrator or IBM service representative.

---

**DGL2471A Fail to update a workflow container.**

**Explanation:** The system cannot update a workflow container.

**Component:** Java or C++ APIs

**Action:** Make sure that a workflow server is installed and connected. Record your action and return code. See your system administrator or IBM service representative.

---

**DGL2472A Fail to retrieve a workflow container.**

**Explanation:** The system cannot retrieve a workflow container.

**Component:** Java or C++ APIs

**Action:** Make sure that a workflow server is installed and connected. Record your action and return code. See your system administrator or IBM service representative.

---

**DGL2473A Workflow container needs to be retrieved first.**

**Explanation:** A workflow container needs to be retrieved from the workflow server before performing an operation on it.

**Component:** Java or C++ APIs

**Action:** Record your action and return code. See your

system administrator or IBM service representative.

---

**DGL2474A Fail to retrieve a workflow template.**

**Explanation:** The system cannot retrieve a workflow template from the workflow server.

**Component:** Java or C++ APIs

**Action:** Make sure that a workflow server is installed and connected. Record your action and return code. See your system administrator or IBM service representative.

---

**DGL2475A Workflow template needs to be retrieved first.**

**Explanation:** A workflow template needs to be retrieved from the workflow server before using definitional workflows.

**Component:** Java or C++ APIs

**Action:** Record your action and return code. See your system administrator or IBM service representative.

---

**DGL2476A Incorrect state for the specified operation.**

**Explanation:** The system is in an invalid state when performing a workflow operation.

**Component:** Java or C++ APIs

**Action:** 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.

---

**DGL2483A Only users with proper privilege can access this function.**

**Explanation:** You do not have the appropriate privileges to perform this action.

**Component:** Java or C++ APIs

**Action:** See your system administrator.

---

**DGL2484A This workflow user does not exist.**

**Explanation:** The workflow user cannot be updated or deleted because it does not exist in MQSeries<sup>®</sup> Workflow.

**Component:** Java or C++ APIs

**Action:** Make sure that the workflow user exists in MQSeries Workflow before updating or deleting it.

---

**DGL2485A This workflow user already exists.**

**Explanation:** You tried to create a workflow user who already exists in MQSeries Workflow.

**Component:** Java or C++ APIs

**Action:** Make sure that the new workflow user does not exist in MQSeries Workflow when trying to create it.

---

**DGL2486A This workflow role does not exist.**

**Explanation:** The workflow role cannot be updated or deleted because it does not exist in MQSeries Workflow.

**Component:** Java or C++ APIs

**Action:** Make sure that the workflow role exists in MQSeries Workflow before updating or deleting it.

---

**DGL2487A This workflow role already exists.**

**Explanation:** You tried to create a new workflow role that already exists in MQSeries Workflow.

**Component:** Java or C++ APIs

**Action:** Make sure that the new workflow role does not exist in MQSeries Workflow when trying to create it.

---

**DGL2488A This group coordinator does not exist.**

**Explanation:** This group coordinator cannot be updated or deleted because it does not exist in MQSeries Workflow.

**Component:** Java or C++ APIs

**Action:** Make sure that the group coordinator exists in MQSeries Workflow before updating or deleting it.

---

**DGL2489A This group coordinator already exists.**

**Explanation:** You tried to create a new group coordinator that already exists in MQSeries Workflow.

**Component:** Java or C++ APIs

**Action:** Make sure that the new group coordinator does not exist in MQSeries Workflow when trying to create it.

---

**DGL2490A This workflow package item ID does not exist.**

**Explanation:** This workflow package item ID cannot be updated or deleted because it does not exist in MQSeries Workflow.

**Component:** Java or C++ APIs

**Action:** Make sure that the workflow package item ID

exists in MQSeries Workflow before updating or deleting it.

---

**DGL2491A This workflow package comp ID does not exist.**

**Explanation:** This workflow package component ID cannot be updated or deleted because it does not exist in MQSeries Workflow.

**Component:** Java or C++ APIs

**Action:** Make sure that the workflow package component ID exists in MQSeries Workflow before updating or deleting it.

---

**DGL2492A This workflow package name is not set.**

**Explanation:** The workflow package name must be set in order to create the workflow package in the system.

**Component:** Java or C++ APIs

**Action:** Set the workflow package name before creating the workflow package.

---

**DGL2493A This workflow package does not exist.**

**Explanation:** A workflow package cannot be updated or deleted because it does not exist in MQSeries Workflow.

**Component:** Java or C++ APIs

**Action:** Make sure that the workflow package exists in MQSeries Workflow before updating or deleting it.

---

**DGL2494A This workflow package already exists.**

**Explanation:** You tried to create a new workflow package that already exists in MQSeries Workflow.

**Component:** Java or C++ APIs

**Action:** Make sure that the new workflow package does not exist in MQSeries Workflow when trying to create it.

---

**DGL2495A This workflow package content does not exist.**

**Explanation:** This workflow package content cannot be updated or deleted because it does not exist in MQSeries Workflow.

**Component:** Java or C++ APIs

**Action:** Make sure that the workflow package content exists in MQSeries Workflow before updating or deleting it.

---

---

**DGL2496A Fail to add this workflow package.**

**Explanation:** Another workflow package in the system already has this name or the server has internal problems.

**Component:** Java or C++ APIs

**Action:** Make sure that the name of the workflow package is unique and see your system administrator or IBM service representative.

---

**DGL2497A This workflow diagram item ID does not exist.**

**Explanation:** This workflow diagram item ID cannot be updated or deleted because it does not exist in MQSeries Workflow.

**Component:** Java or C++ APIs

**Action:** Make sure that the workflow diagram item ID exists in MQSeries Workflow before updating or deleting it.

---

**DGL2498A This workflow diagram comp ID does not exist.**

**Explanation:** This workflow diagram component ID cannot be updated or deleted because it does not exist in MQSeries Workflow.

**Component:** Java or C++ APIs

**Action:** Make sure that the workflow diagram component ID exists in MQSeries Workflow before updating or deleting it.

---

**DGL2499A This workflow diagram name is not set.**

**Explanation:** The workflow diagram name must be set in order to create the workflow diagram in the server.

**Component:** Java or C++ APIs

**Action:** Set the workflow diagram name before creating the workflow diagram.

---

**DGL2500A This workflow diagram does not exist.**

**Explanation:** This workflow diagram cannot be updated or deleted because it does not exist in MQSeries Workflow.

**Component:** Java or C++ APIs

**Action:** Make sure that the workflow diagram exists in MQSeries Workflow before updating or deleting it.

---

**DGL2501A This workflow diagram already exists.**

**Explanation:** You tried to create a workflow diagram that already exists in MQSeries Workflow.

**Component:** Java or C++ APIs

**Action:** Make sure that the new workflow diagram does not exist in MQSeries Workflow when trying to create it.

---

**DGL2502A Fail to add this workflow diagram.**

**Explanation:** The name of this workflow diagram is a duplicate name or the server has internal problems.

**Component:** Java or C++ APIs

**Action:** Make sure that the workflow diagram name is unique and see your system administrator or IBM service representative.

---

**DGL2503A This workflow action item ID does not exist.**

**Explanation:** This workflow action item ID cannot be updated or deleted because it does not exist in MQSeries Workflow.

**Component:** Java or C++ APIs

**Action:** Make sure that the workflow action item ID exists in MQSeries Workflow before updating or deleting it.

---

**DGL2504A This workflow action comp ID does not exist.**

**Explanation:** This workflow action component ID cannot be updated or deleted because does not exist in MQSeries Workflow.

**Component:** Java or C++ APIs

**Action:** Make sure that the workflow action component ID exists in MQSeries Workflow before updating or deleting it.

---

**DGL2505A This workflow action name is not set.**

**Explanation:** The workflow action name must be set in order to create the workflow action in the server.

**Component:** Java or C++ APIs

**Action:** Set the workflow action name before attempting to create the workflow action.

---

**DGL2506A This workflow action does not exist.**

**Explanation:** This workflow action cannot be updated or deleted because it does not exist in MQSeries Workflow.

**Component:** Java or C++ APIs

**Action:** Make sure that the workflow action exists in MQSeries Workflow before updating or deleting it.

---

---

**DGL2507A This workflow action already exists.**

**Explanation:** A new workflow action cannot be created because it already exists in the system.

**Component:** Java or C++ APIs

**Action:** Make sure that the new workflow action does not exist when trying to create it.

---

**DGL2508A Fail to add this workflow action.**

**Explanation:** The name of this workflow action is a duplicate name or the server has internal problems.

**Component:** Java or C++ APIs

**Action:** Make sure that the workflow action name is unique and see your system administrator or IBM service representative.

---

**DGL2509A This workflow action list item ID does not exist.**

**Explanation:** This workflow action list item ID cannot be updated or deleted because it does not exist in MQSeries Workflow.

**Component:** Java or C++ APIs

**Action:** Make sure that the workflow action list item ID exists in MQSeries Workflow before updating or deleting it.

---

**DGL2510A This workflow action list comp ID does not exist.**

**Explanation:** This workflow action list component ID cannot be updated or deleted because it does not exist in MQSeries Workflow.

**Component:** Java or C++ APIs

**Action:** Make sure that the workflow action list component ID exists in MQSeries Workflow before updating or deleting it.

---

**DGL2511A This workflow action list name is not set.**

**Explanation:** The workflow action list name must be set in order to create the workflow action list in the system.

**Component:** Java or C++ APIs

**Action:** Set the workflow action list name before creating the workflow action list.

---

**DGL2512A This workflow action list does not exist.**

**Explanation:** This workflow action list cannot be updated or deleted because it does not exist in MQSeries Workflow.

**Component:** Java or C++ APIs

**Action:** Make sure that the workflow action list exists in MQSeries Workflow before updating or deleting it.

---

**DGL2513A This workflow action list already exists.**

**Explanation:** You tried to create a new workflow action list that already exists in the system.

**Component:** Java or C++ APIs

**Action:** Make sure that the new workflow action list does not exist when trying to create it.

---

**DGL2514A Fail to add this workflow action list.**

**Explanation:** The name of this workflow action list is a duplicate name or the server has internal problems.

**Component:** Java or C++ APIs

**Action:** Make sure that the workflow action list name is unique and see your system administrator or IBM service representative.

---

**DGL2515A This worklist item ID does not exist.**

**Explanation:** This worklist item ID cannot be updated or deleted because it does not exist in MQSeries Workflow.

**Component:** Java or C++ APIs

**Action:** Make sure that the worklist item ID exists in MQSeries Workflow before updating or deleting it.

---

**DGL2516A This worklist comp ID does not exist.**

**Explanation:** This worklist component ID cannot be updated or deleted because it does not exist in MQSeries Workflow.

**Component:** Java or C++ APIs

**Action:** Make sure that the worklist component ID exists in MQSeries Workflow before updating or deleting it.

---

**DGL2517A This worklist name is not set.**

**Explanation:** The worklist name must be set in order to create the worklist in the system.

**Component:** Java or C++ APIs

**Action:** Set the worklist name before creating the worklist.

---

**DGL2518A This worklist does not exist.**

**Explanation:** This worklist does not exist in MQSeries Workflow.

**Component:** Java or C++ APIs

**Action:** Make sure that the worklist exists in the system before updating or deleting it.

---

**DGL2519A** This worklist already exists.

**Explanation:** You tried to create a new worklist that already exists.

**Component:** Java or C++ APIs

**Action:** Make sure that the new worklist does not exist when trying to create it.

---

**DGL2520A** Fail to add this worklist.

**Explanation:** The name of this worklist was a duplicate name or the server had internal problems.

**Component:** Java or C++ APIs

**Action:** Make sure that the worklist name is unique and see your system administrator or IBM service representative.

---

**DGL2521A** Workflow service not available.

**Explanation:** The workflow service is not installed, enabled and run by your system administrator.

**Component:** Java or C++ APIs

**Action:** Make sure that the workflow service is installed and running. To enable the workflow, select **Tools -> Service**.

---

**DGL2522A** Workflow service not connected.

**Explanation:** The workflow server is down or the user ID provided to log on to the workflow server does not exist in the server.

**Component:** Java or C++ APIs

**Action:** Make sure that the workflow server is running and see your system administrator to make sure that the user ID exists in the server.

---

**DGL2523A** This workflow item is already checked out by another user.

**Explanation:** You tried to check out a workflow item that has already been checked out by another user.

**Component:** Java or C++ APIs

**Action:** Make sure that the workflow item is not checked out by another user.

---

**DGL2524A** This workflow item not checked out.

**Explanation:** You tried to perform an operation on a workflow item that has not been checked out.

**Component:** Java or C++ APIs

**Action:** Check out or unlock the workflow item.

---

---

**DGL2525A** The item ID of this workflow item does not exist.

**Explanation:** The item ID of the workflow item does not exist on the workflow server.

**Component:** Java or C++ APIs

**Action:** Be sure to use a valid item ID or create a new item ID.

---

**DGL2526A** This workflow item does not exist.

**Explanation:** This workflow item does not exist on the workflow server.

**Component:** Java or C++ APIs

**Action:** Make sure that the workflow item exists on the workflow server.

---

**DGL2527A** This workflow NLS word already exists.

**Explanation:** The NLS word of this workflow already exists on the workflow server.

**Component:** Java or C++ APIs

**Action:** Make sure that the NLS word of this workflow is unique.

---

**DGL2528A** This workflow NLS word does not exist.

**Explanation:** The NLS word of this workflow does not exist on the workflow server.

**Component:** Java or C++ APIs

**Action:** Make sure that the NLS word of this workflow exists on the workflow server before updating or deleting the workflow.

---

**DGL2529A** Workflow action cannot be deleted or updated when being used in an action list.

**Explanation:** A workflow action cannot be deleted or updated when it is used in an action list.

**Component:** Java or C++ APIs

**Action:** Make sure that the workflow action is not in any action list before deleting or updating the action.

---

**DGL2530A** You must set the coordinator when defining a user group.

**Explanation:** Each workflow user group requires a group coordinator when enabling a workflow. You did not set the coordinator when defining a workflow user group.

**Component:** Java or C++ APIs

**Action:** Set the workflow user group coordinator.

---

---

**DGL2531A Workflow action icon cannot be greater than 4096 bytes.**

**Explanation:** This message is generated when the workflow action icon is an image file greater than 4096 bytes.

**Component:** Java or C++ APIs

**Action:** Make sure that the workflow action icon is equal to or less than 4096 bytes.

---

**DGL2532A Workflow comp ID cannot be found due to invalid item ID.**

**Explanation:** The workflow component ID cannot be found because of an invalid workflow item ID. The component ID and item ID make the workflow object unique.

**Component:** Java or C++ APIs

**Action:** Make sure that the workflow item is retrieved from the system to obtain the valid item ID.

---

**DGL2533A Workflow item cannot be unlocked because the item either is not checked out or item does not exist.**

**Explanation:** The workflow item cannot be unlocked because the item is not checked out or the item does not exist.

**Component:** Java or C++ APIs

**Action:** Make sure that the workflow item exists and is checked out.

---

**DGL2534A This federated attribute cannot be deleted because it is used by one or more search templates. Attribute name: [mmm].**

**Explanation:** The federated attribute cannot be deleted from the system because it is used by one or more search templates.

**Component:** Java or C++ APIs

**Action:** Make sure that the federated attribute is not used by any of the search templates.

---

**DGL2535A This access control list cannot be deleted because it is used elsewhere in the system. \nACL: [mmm].**

**Explanation:** This access control list cannot be deleted because it is used elsewhere in the system

**Component:** Java or C++ APIs

**Action:** Make sure that the access control list is not used else where in the system.

---

---

**DGL2536A The server does not exist.**

**Explanation:** The content server cannot be updated or deleted because it is not defined.

**Component:** Java or C++ APIs

**Action:** Make sure that the content server is defined before performing an operation.

---

**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.

**Component:** Java or C++ APIs

**Action:** Make sure that the server name is unique in the system.

---

**DGL2538A Invalid database format [mmm]. Run the migration utility before using this application.**

**Explanation:** You are using a previous version of the Enterprise Information Portal database.

**Component:** Java or C++ APIs

**Action:** Run the Enterprise Information Portal database migration utility before using this application.

---

**DGL2539A This user name is the same as a user group name.**

**Explanation:** The user name and the user group name must be unique.

**Component:** Java or C++ APIs

**Action:** Make sure that the user name and the user group name are unique.

---

**DGL2540A This user group name is the same as a user name.**

**Explanation:** The user group name and the user name must be unique.

**Component:** Java or C++ APIs

**Action:** Make sure that the user group name and the user name are unique.

---

**DGL2541A This WebSphere portal server user mapping already exists.**

**Explanation:** The user mapping for the WebSphere portal server already exists.

**Component:** Java or C++ APIs

**Action:** Correct your program or define a different user mapping.

---



---

**DGL2542A** This WebSphere portal server user mapping does not exist.

**Explanation:** This WebSphere portal server user mapping does not exist.

**Component:** Java or C++ APIs

**Action:** Correct your program or define a user mapping.

---

**DGL2543A** This privilege is in use.

**Explanation:** This privilege already exists in a certain privilege set.

**Component:** Java or C++ APIs

**Action:** Do not delete this privilege from the database.

---

**DGL2544A** Fail to add a privilege.

**Explanation:** An error occurred while adding a privilege.

**Component:** Java or C++ APIs

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

---

**DGL2545A** Fail to delete a privilege.

**Explanation:** An error occurred while deleting a privilege.

**Component:** Java or C++ APIs

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

---

**DGL2546A** Fail to update a privilege.

**Explanation:** An error occurred while updating a privilege.

**Component:** Java or C++ APIs

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

---

**DGL2547A** Fail to retrieve a privilege.

**Explanation:** An error occurred while retrieving a privilege.

**Component:** Java or C++ APIs

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

---

---

**DGL2548A** Fail to add a privilege set.

**Explanation:** An error occurred while adding a privilege set.

**Component:** Java or C++ APIs

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

---

**DGL2549A** Fail to delete a privilege set.

**Explanation:** An error occurred while deleting a privilege set.

**Component:** Java or C++ APIs

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

---

**DGL2550A** Fail to update a privilege set.

**Explanation:** An error occurred while updating a privilege set.

**Component:** Java or C++ APIs

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

---

**DGL2551A** Fail to retrieve a privilege set.

**Explanation:** An error occurred while retrieving a privilege set.

**Component:** Java or C++ APIs

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

---

**DGL2552A** Fail to add a privilege group.

**Explanation:** An error occurred while adding a privilege group.

**Component:** Java or C++ APIs

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

---

**DGL2553A** Fail to delete a privilege group.

**Explanation:** An error occurred while deleting a privilege group.

**Component:** Java or C++ APIs

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

---

---

**DGL2554A Fail to update a privilege group.**

**Explanation:** An error occurred while updating a privilege group.

**Component:** Java or C++ APIs

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

---

**DGL2555A Fail to retrieve a privilege group.**

**Explanation:** An error occurred while retrieving a privilege group.

**Component:** Java or C++ APIs

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

---

**DGL2556A Fail to add an access control list.**

**Explanation:** An error occurred while adding an access control list.

**Component:** Java or C++ APIs

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

---

**DGL2557A Fail to delete an access control list.**

**Explanation:** An error occurred while deleting an access control list.

**Component:** Java or C++ APIs

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

---

**DGL2558A Fail to update an access control list.**

**Explanation:** An error occurred while updating an access control list.

**Component:** Java or C++ APIs

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

---

**DGL2559A Fail to retrieve an access control list.**

**Explanation:** An error occurred while retrieving an access control list.

**Component:** Java or C++ APIs

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

---

---

**DGL2560A Fail to add a rule in the access control list.**

**Explanation:** An error occurred while adding a rule to an access control list.

**Component:** Java or C++ APIs

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

---

**DGL2561A Fail to delete a rule in the access control list.**

**Explanation:** An error occurred while deleting a rule from an access control list.

**Component:** Java or C++ APIs

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

---

**DGL2562A Fail to update a rule in the access control list.**

**Explanation:** An error occurred while updating a rule in an access control list.

**Component:** Java or C++ APIs

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

---

**DGL2563A Fail to retrieve a rule in the access control list.**

**Explanation:** An error occurred while retrieving a rule from an access control list.

**Component:** Java or C++ APIs

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

---

**DGL2564A This privilege already exists in the privilege set.**

**Explanation:** This privilege already exists in a privilege set in the database.

**Component:** Java or C++ APIs

**Action:** Do not add this privilege to the database.

---

**DGL2565A This privilege does not exist in the privilege set.**

**Explanation:** This privilege does not exist in the privilege set.

**Component:** Java or C++ APIs

---

**Action:** Add this privilege to the privilege set.

---

**DGL2566A This privilege already exists in the privilege group.**

**Explanation:** This privilege already exists in a privilege group in the database.

**Component:** Java or C++ APIs

**Action:** Do not add this privilege to the database.

---

**DGL2567A This privilege does not exist in the privilege group.**

**Explanation:** This privilege does not exist in a privilege group in the database.

**Component:** Java or C++ APIs

**Action:** Add this privilege to the privilege group.

---

**DGL2568A Fail to list privileges.**

**Explanation:** An error occurred while listing privileges.

**Component:** Java or C++ APIs

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

---

**DGL2569A Fail to list privilege sets.**

**Explanation:** An error occurred while listing privilege sets.

**Component:** Java or C++ APIs

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

---

**DGL2570A Fail to list privilege groups.**

**Explanation:** An error occurred while listing privilege groups.

**Component:** Java or C++ APIs

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

---

**DGL2571A Fail to list access control lists.**

**Explanation:** An error occurred while listing access control lists.

**Component:** Java or C++ APIs

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

---

**DGL2572A Fail to list NLS keywords.**

**Explanation:** An error occurred while listing NLS keywords.

**Component:** Java or C++ APIs

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

---

**DGL2573A The user or group name in the access control list is null.**

**Explanation:** You cannot have a NULL value for a user or group name in the access control list.

**Component:** Java or C++ APIs

**Action:** Define a user or group name in the access control list.

---

**DGL2574A System-defined access control list cannot be deleted.**

**Explanation:** A system-defined access control list cannot be deleted.

**Component:** Java or C++ APIs

**Action:** Do not try to delete this access control list.

---

**DGL2575A System-defined access control list cannot be updated.**

**Explanation:** A system-defined access control list cannot be updated.

**Component:** Java or C++ APIs

**Action:** Do not try to update this access control list.

---

**DGL2576A System-defined privilege cannot be deleted.**

**Explanation:** A system-defined privilege cannot be deleted.

**Component:** Java or C++ APIs

**Action:** Do not try to delete this privilege.

---

**DGL2577A System-defined privilege cannot be updated.**

**Explanation:** A system-defined privilege cannot be updated.

**Component:** Java or C++ APIs

**Action:** Do not try to update this privilege.

---

---

**DGL2578A** System-defined privilege set cannot be deleted.

**Explanation:** A system-defined privilege set cannot be deleted.

**Component:** Java or C++ APIs

**Action:** Do not try to delete this privilege set.

---

**DGL2579A** System-defined privilege set cannot be updated.

**Explanation:** A system-defined privilege set cannot be updated.

**Component:** Java or C++ APIs

**Action:** Do not try to update this privilege set.

---

**DGL2580A** System-defined privilege group cannot be deleted.

**Explanation:** A system-defined privilege group cannot be deleted.

**Component:** Java or C++ APIs

**Action:** Do not try to delete this privilege group.

---

**DGL2581A** System-defined privilege group cannot be updated.

**Explanation:** A system-defined privilege cannot be updated.

**Component:** Java or C++ APIs

**Action:** Do not try to update this privilege group.

---

**DGL2582A** The privilege ID does not exist.

**Explanation:** This privilege might not be in the database.

**Component:** Java or C++ APIs

**Action:** Add this privilege to the database.

---

**DGL2583A** The privilege set ID does not exist.

**Explanation:** This privilege set might not be in the database.

**Component:** Java or C++ APIs

**Action:** Add this privilege set to the database.

---

**DGL2584A** The privilege group ID does not exist.

**Explanation:** This privilege group might not be in the database.

**Component:** Java or C++ APIs

**Action:** Add this privilege group to the database.

---

---

**DGL2585A** The access control list ID does not exist.

**Explanation:** This access control list might not be in the database.

**Component:** Java or C++ APIs

**Action:** Add this access control list to the database.

---

**DGL2586A** The privilege does not exist.

**Explanation:** This privilege is not in the database.

**Component:** Java or C++ APIs

**Action:** Add this privilege to the database.

---

**DGL2587A** The privilege set does not exist.

**Explanation:** This privilege set is not in the database.

**Component:** Java or C++ APIs

**Action:** Add this privilege set to the database.

---

**DGL2588A** The privilege group does not exist.

**Explanation:** This privilege group is not in the database.

**Component:** Java or C++ APIs

**Action:** Add this privilege group to the database.

---

**DGL2589A** The access control list does not exist.

**Explanation:** This access control list is not in the database.

**Component:** Java or C++ APIs

**Action:** Add this access control list to the database.

---

**DGL2590A** The privilege already exists.

**Explanation:** This privilege is already in the database.

**Component:** Java or C++ APIs

**Action:** Do not add this privilege to the database.

---

**DGL2591A** The privilege set already exists.

**Explanation:** This privilege set is already in the database.

**Component:** Java or C++ APIs

**Action:** Do not add this privilege set to the database.

---

**DGL2592A** The privilege group already exists.

**Explanation:** This privilege group is already in the database.

**Component:** Java or C++ APIs

---

**Action:** Do not add this privilege group to the database.

---

**DGL2593A The access control list already exists.**

**Explanation:** This access control list is already in the database.

**Component:** Java or C++ APIs

**Action:** Do not add this access control list to the database.

---

**DGL2594A The rule in this access control list already exists.**

**Explanation:** This rule already exists in this access control list.

**Component:** Java or C++ APIs

**Action:** Do not add this rule to this access control list.

---

**DGL2595A The user or group in this access control list already exists.**

**Explanation:** This user or group already exists in this access control list.

**Component:** Java or C++ APIs

**Action:** Do not add this user or group to this access control list.

---

**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.

**Component:** Java or C++ APIs

**Action:** Add the user or group to this access control list.

---

**DGL2597A Fail to delete the user group.**

**Explanation:** An error occurred while deleting this user group.

**Component:** Java or C++ APIs

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

---

**DGL2598A Fail to update the user group.**

**Explanation:** An error occurred while updating this user group.

**Component:** Java or C++ APIs

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

---

**DGL2599A Fail to retrieve the user group.**

**Explanation:** An error occurred while retrieving this user group.

**Component:** Java or C++ APIs

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

---

**DGL2600A Fail to add the user group.**

**Explanation:** An error occurred while adding this user group.

**Component:** Java or C++ APIs

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

---

**DGL2601A User already exists in the user group.**

**Explanation:** This user is already defined in the user group.

**Component:** Java or C++ APIs

**Action:** Do not add this user to the user group.

---

**DGL2602A User does not exist in the user group.**

**Explanation:** This user does not exist in this user group.

**Component:** Java or C++ APIs

**Action:** Add this user to this user group.

---

**DGL2603A Fail to list users.**

**Explanation:** An error occurred while listing users.

**Component:** Java or C++ APIs

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

---

**DGL2604A Fail to list user groups.**

**Explanation:** An error occurred while listing user groups.

**Component:** Java or C++ APIs

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

---

**DGL2605A Invalid user ID.**

**Explanation:** This user does not exist in the system.

**Component:** Java or C++ APIs

**Action:** Check the spelling and capitalization of the user ID, or add this user to the system.

---

**DGL2606A Invalid user group ID.**

**Explanation:** This user group does not exist in the system.

**Component:** Java or C++ APIs

**Action:** Check the spelling and capitalization of the user group ID, or add this user group to the system.

---

**DGL2609A User ID does not exist.**

**Explanation:** You tried to delete or update a user, but the user does not exist in the system.

**Component:** Java or C++ APIs

**Action:** No action is necessary. You can only delete or update a user that exists in the system.

---

**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.

**Component:** Java or C++ APIs

**Action:** No action is necessary. You can only delete or update a user group that exists in the system.

---

**DGL2611A User does not exist.**

**Explanation:** You tried to delete or update a user, but the user does not exist in the system.

**Component:** Java or C++ APIs

**Action:** No action is necessary. You can only delete or update a user that exists in the system.

---

**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.

**Component:** Java or C++ APIs

**Action:** No action is necessary. You can only delete or update a user group that exists in the system.

---

**DGL2613A User already exists.**

**Explanation:** You tried to add a new user, but this user already exists in the system.

**Component:** Java or C++ APIs

**Action:** Change the name of the new user you tried to add.

---

**DGL2614A User group already exists.**

**Explanation:** You tried to add a new user group, but this user group already exists in the system.

**Component:** Java or C++ APIs

**Action:** Change the name of the new user group you tried to add.

---

**DGL2616A Fail to add the user.**

**Explanation:** An error occurred while adding this user.

**Component:** Java or C++ APIs

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

---

**DGL2617A Fail to delete the user.**

**Explanation:** An error occurred while deleting this user.

**Component:** Java or C++ APIs

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

---

**DGL2618A Fail to retrieve the user.**

**Explanation:** An error occurred while retrieving this user.

**Component:** Java or C++ APIs

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

---

**DGL2619A Fail to update the user.**

**Explanation:** An error occurred while updating this user.

**Component:** Java or C++ APIs

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

---

**DGL2620A Workflow event activity name does not exist.**

**Explanation:** The system cannot find the name of this workflow event.

**Component:** Java or C++ APIs

**Action:** Make sure that a workflow is running. Record

your action and return code. See your system administrator or IBM service representative.

---

**DGL2621A Workflow event does not exist.**

**Explanation:** The system cannot find the name of this workflow event.

**Component:** Java or C++ APIs

**Action:** Make sure that a workflow is running. Record your return code and see your system administrator or IBM service representative.

---

**DGL2622A Workflow event already exists.**

**Explanation:** This workflow event already exists in the system.

**Component:** Java or C++ APIs

**Action:** Record your action and return code. See your system administrator or IBM service representative.

---

**DGL2623A Fail to add workflow event.**

**Explanation:** The system cannot add this workflow event.

**Component:** Java or C++ APIs

**Action:** Record your action and return code. See your system administrator or IBM service representative.

---

**DGL2624A Fail to delete workflow event.**

**Explanation:** The system cannot delete an existing workflow event.

**Component:** Java or C++ APIs

**Action:** Make sure that a workflow is running. Record your action and return code. See your system administrator or IBM service representative.

---

**DGL2625A Fail to update workflow event.**

**Explanation:** The system cannot update an existing workflow event.

**Component:** Java or C++ APIs

**Action:** Make sure that a workflow is running. Record your action and return code. See your system administrator or IBM service representative.

---

**DGL2626A Fail to retrieve a workflow event.**

**Explanation:** The system cannot retrieve an existing workflow and get the information from the workflow server.

**Component:** Java or C++ APIs

**Action:** Make sure that a workflow server is running. Record your action and return code. See your system

administrator or IBM service representative.

---

**DGL2627A Fail to list workflow events.**

**Explanation:** The system cannot list existing workflow events.

**Component:** Java or C++ APIs

**Action:** Make sure that a workflow is running. Record your action and return code. See your system administrator or IBM service representative.

---

**DGL2628A Fail to list workflow collection points.**

**Explanation:** The system cannot list existing workflow collection points.

**Component:** Java or C++ APIs

**Action:** Make sure that a workflow is running. Record your action and return code. See your system administrator or IBM service representative.

---

**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.

**Component:** Java or C++ APIs

**Action:** Make sure that the ID for this collection point exists on the workflow server before updating or deleting it.

---

**DGL2630A Workflow collection point does not exist.**

**Explanation:** The system cannot find this collection point within the workflow.

**Component:** Java or C++ APIs

**Action:** Using the system administration client, define a new collection point.

---

**DGL2631A Workflow collection point already exists.**

**Explanation:** This collection point already exists within the workflow.

**Component:** Java or C++ APIs

**Action:** Using the system administration client, define a new collection point.

---

**DGL2632A Fail to add workflow collection point.**

**Explanation:** The system cannot add this collection point.

**Component:** Java or C++ APIs

**Action:** Make sure that a workflow is running. Record

your action and return code. See your system administrator or IBM service representative.

---

**DGL2633A Fail to delete workflow collection point.**

**Explanation:** The system cannot delete an existing collection point.

**Component:** Java or C++ APIs

**Action:** Make sure that a workflow is running. Record your action and return code. See your system administrator or IBM service representative.

---

**DGL2634 Fail to update workflow collection point.**

**Explanation:** The system cannot update an existing collection point.

**Component:** Java or C++ APIs

**Action:** Make sure that a workflow is running. Record your action and return code. See your system administrator or IBM service representative.

---

**DGL2635A Fail to retrieve workflow collection point.**

**Explanation:** The system cannot retrieve an existing collection point.

**Component:** Java or C++ APIs

**Action:** Make sure that a workflow is running. Record your action and return code. See your system administrator or IBM service representative.

---

**DGL2636A Fail to list workflow action lists.**

**Explanation:** The system cannot list the workflow action lists.

**Component:** Java or C++ APIs

**Action:** Make sure that a workflow is running. Record your action and return code. See your system administrator or IBM service representative.

---

**DGL2637A Workflow action already exists in the workflow action list.**

**Explanation:** This workflow action cannot be created because it already exists in this workflow action list.

**Component:** Java or C++ APIs

**Action:** Make sure that the new workflow action does not exist when trying to create it.

---

**DGL2638A Workflow action does not exist in the workflow action list.**

**Explanation:** This workflow action cannot be updated or deleted because it does not exist on the workflow server.

**Component:** Java or C++ APIs

**Action:** Make sure the workflow action exists in the workflow server before updating or deleting it.

---

**DGL2639A Fail to delete workflow action list.**

**Explanation:** The system cannot delete an existing action list.

**Component:** Java or C++ APIs

**Action:** Make sure that a workflow server is running. Record your action and return code. See your system administrator or IBM service representative.

---

**DGL2640A Fail to update workflow action list.**

**Explanation:** The system cannot update an existing action list.

**Component:** Java or C++ APIs

**Action:** Make sure that a workflow server is running. Record your action and return code. See your system administrator or IBM service representative.

---

**DGL2641A Fail to retrieve workflow action list.**

**Explanation:** The system cannot retrieve an existing action list from the workflow server.

**Component:** Java or C++ APIs

**Action:** Make sure that a workflow server is running. Record your action and return code. See your system administrator or the IBM service representative.

---

**DGL2642A Fail to list workflow actions.**

**Explanation:** The system cannot list existing actions for this workflow.

**Component:** Java or C++ APIs

**Action:** Make sure that a workflow server is running. Record your action and return code. See your system administrator or IBM service representative.

---

**DGL2643A Fail to delete workflow actions.**

**Explanation:** The system cannot delete existing actions for this workflow.

**Component:** Java or C++ APIs

**Action:** Make sure that a workflow server is running. Record your action and return code. See your system administrator or IBM service representative.



---

**DGL2644A Fail to update workflow actions.**

**Explanation:** The system cannot update existing actions for this workflow.

**Component:** Java or C++ APIs

**Action:** Make sure that a workflow server is running. Record your action and return code. See your system administrator or IBM service representative.

---

**DGL2645A Fail to retrieve a workflow actions.**

**Explanation:** The system cannot retrieve the actions for this workflow from the workflow server.

**Component:** Java or C++ APIs

**Action:** Make sure that a workflow server is running. Record your action and return code. See your system administrator or IBM service representative.

---

**DGL2646A Fail to list workflow diagrams.**

**Explanation:** The system cannot list the workflow diagrams for this workflow.

**Component:** Java or C++ APIs

**Action:** Make sure that a workflow server is running. Record your action and return code. See your system administrator or IBM service representative.

---

**DGL2647A Fail to delete workflow diagrams.**

**Explanation:** The system cannot delete the workflow diagrams for this workflow.

**Component:** Java or C++ APIs

**Action:** Make sure that a workflow server is running. Record your action and return code. See your system administrator or IBM service representative.

---

**DGL2648A Fail to update workflow diagrams.**

**Explanation:** The system cannot update the workflow diagrams for this workflow.

**Component:** Java or C++ APIs

**Action:** Make sure that a workflow server is running. Record your action and return code. See your system administrator or IBM service representative.

---

**DGL2649A Fail to retrieve workflow diagrams.**

**Explanation:** The system cannot retrieve the workflow diagrams for this workflow from the workflow server.

**Component:** Java or C++ APIs

**Action:** Make sure that a workflow server is running. Record your action and return code. See your system administrator or IBM service representative.

---

---

**DGL2650A Fail to list worklists.**

**Explanation:** The system cannot list the workflow worklists.

**Component:** Java or C++ APIs

**Action:** Make sure that a workflow server is running. Record your action and return code. See your system administrator or IBM service representative.

---

**DGL2651A Fail to delete worklists.**

**Explanation:** The system cannot delete the workflow worklists.

**Component:** Java or C++ APIs

**Action:** Make sure that a workflow server is running. Record your action and return code. See your system administrator or IBM service representative.

---

**DGL2652A Fail to update worklists.**

**Explanation:** The system cannot update the workflow worklists.

**Component:** Java or C++ APIs

**Action:** Make sure that a workflow server is running. Record your action and return code. See your system administrator or IBM service representative.

---

**DGL2653A Fail to retrieve worklists.**

**Explanation:** The system cannot retrieve the workflow worklists from the workflow server.

**Component:** Java or C++ APIs

**Action:** Make sure that a workflow server is running. Record your action and return code. See your system administrator or IBM service representative.

---

**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.

**Component:** Java or C++ APIs

**Action:** Record your action and return code. See your system administrator or IBM service representative.

---

**DGL2655A Domain name does not exist.**

**Explanation:** This domain name does not exist in the system.

**Component:** Java or C++ APIs

**Action:** Add the domain name to the system.

---

---

**DGL2656A Fail to add domain privilege sets.**

**Explanation:** An error occurred while adding the privilege sets for this domain.

**Component:** Java or C++ APIs

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

---

**DGL2657A Fail to remove domain privilege sets.**

**Explanation:** An error occurred while removing the privilege sets for this domain.

**Component:** Java or C++ APIs

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

---

**DGL2658A Fail to add domain access control lists.**

**Explanation:** An error occurred while adding the access control lists for this domain.

**Component:** Java or C++ APIs

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

---

**DGL2659A Fail to remove domain access control lists.**

**Explanation:** An error occurred while removing the access control lists for this domain.

**Component:** Java or C++ APIs

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

---

**DGL2660A This user is in use.**

**Explanation:** You requested a user that is already being used in another group or by another object.

**Component:** Java or C++ APIs

**Action:** Make sure the user is not in use by another group or another object.

---

**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.

**Component:** Java or C++ APIs

**Action:** Make sure the user group is not in use by another group or another object.

---

---

**DGL2662A System-defined user group cannot be deleted.**

**Explanation:** You tried to delete a system-defined user group, which cannot be deleted.

**Component:** Java or C++ APIs

**Action:** Do not try to delete system-defined user groups.

---

**DGL2664A System-defined user cannot be deleted.**

**Explanation:** You tried to delete a system-defined user, which cannot be deleted.

**Component:** Java or C++ APIs

**Action:** Do not try to delete system-defined users.

---

**DGL2666A Object type [nnn] should have a three-part name that is ';' delimited.**

**Explanation:** The DDO contains a non-federated object type. A federated object type has a three-part name which includes "feName", "beServerName" and "neName".

**Component:** Java or C++ APIs

**Action:** Supply a federated DDO with federated object type.

---

**DGL2667A No mappings found for [nnn] fedEntity to [nnn] nativeEntity.**

**Explanation:** The Enterprise Information Portal system cannot find a mapping for the given federated entity to the given native entity.

**Component:** Java or C++ APIs

**Action:** Using the Enterprise Information Portal system administration client, define a mapping for the given federated entity to the given native entity.

---

**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.

**Component:** Java or C++ APIs

**Action:** 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.

---

**DGL2669A Privilege name cannot be null.**

**Explanation:** You did not provide a name for this privilege. Privilege names cannot be null.

**Component:** Java or C++ APIs

---

**Action:** Define a name for this privilege.

---

**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.

**Component:** Java or C++ APIs

**Action:** Move the object(s) to other domain(s) and retry the operation.

---

**DGL2671A** A user name was not specified.

**Explanation:** You did not specify a user name.

**Component:** Java or C++ APIs

**Action:** Specify a user name.

---

**DGL2672A** Prompt for user ID and password for server.

**Explanation:** None.

**Component:** Java or C++ APIs

**Action:** Specify a user ID and password.

---

**DGL2673A** A 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.

**Component:** Java or C++ APIs

**Action:** Remove this rule from the access control list.

---

**DGL2674A** Cannot find the workflow ICM container because the workflow configuration for ICM is not correct.

**Explanation:** The Enterprise Information Portal container data for workflow is not correct.

**Component:** Java or C++ APIs

**Action:** Import the correct container data into the system.

---

**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.

---

**Component:** Java or C++ APIs

**Action:** Manually change the password for this database user ID. (For example, on Windows, use User Manager; on AIX, use SMIT).

---

**DGL2801A** Message ID not found.

**Explanation:** The given message ID cannot be found.

**Component:** Java or C++ APIs

**Action:** Check if the message ID constant you used exists and is associated with a message string.



---

## Chapter 5. API Messages, DGL3600 - DGL3999

You might receive any of the following messages from the Enterprise Information Portal APIs. The Content Management Information Center search looks for full words. You need to enter the entire word that you want to find. When searching for messages, enter the full message number, including the prefix. For example, to find information on DGL1234A, enter DGL1234A. To find information on a message that has only a number, enter the number.

---

### DGL3600A Message ID not found.

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

**Component:** Java or C++ APIs.

**Action:** See your system administrator or IBM service representative.

---

### DGL3602A Attribute is in use.

**Explanation:** You are trying to delete or update an attribute that is used by another component type.

**Component:** Java or C++ APIs

**Action:** Make sure that the attribute you want to update or delete does not belong to any component type.

---

### DGL3603A Error occurred while building a list of attribute values.

**Explanation:** An error occurred while building a list of attribute values.

**Component:** Java or C++ APIs

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

---

### DGL3605A Internal error occurred while building datastream.

**Explanation:** You encountered an error while building the item CLOB.

**Component:** Java or C++ APIs

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

---

### DGL3606A Internal error occurred while parsing datastream.

**Explanation:** You have encountered an error while parsing the item CLOB.

**Component:** Java or C++ APIs

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

---

### 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.

**Component:** Java or C++ APIs

**Action:** Update the library path environment variables with the current library location.

---

### DGL3608A DLL not ready.

**Explanation:** An error occurred loading a shared library.

**Component:** Java or C++ APIs

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

---

### DGL3609A Unexpected error in DLL.

**Explanation:** An unexpected error occurred in the DLL.

**Component:** Java or C++ APIs

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

---

### DGL3610A Attribute with same name already exists.

**Explanation:** You tried to define an attribute, but an attribute with the same name already exists in the system.

**Component:** Java or C++ APIs

**Action:** Provide a different value for the attribute name. See the error log file for existing attribute names.

---

**DGL3611A Attribute with same name already exists in this national language.**

**Explanation:** You tried to define an attribute, but an attribute with the same name already exists in the system.

**Component:** Java or C++ APIs

**Action:** Provide a different value for the attribute name. See the error log file for existing attribute names.

---

**DGL3612A Error occurred while library server was trying to resolve a function's memory address of a loaded DLL.**

**Explanation:** An internal error occurred.

**Component:** Java or C++ APIs

**Action:** Record the return code from the error log file, and see your system administrator or IBM service representative.

---

**DGL3613A Recursive link detected.**

**Explanation:** An item might be linking to itself, or the source and target of a link might be the same.

**Component:** Java or C++ APIs

**Action:** An item should not be linked to itself. Do not make this particular link or change one of the items forming the link.

---

**DGL3615A Unexpected cache error.**

**Explanation:** An internal error occurred.

**Component:** Java or C++ APIs

**Action:** Record the return code from the error log file, and see your system administrator or IBM service representative.

---

**DGL3616A Unexpected SQL error.**

**Explanation:** An unexpected SQL error occurred.

**Component:** Java or C++ APIs

**Action:** See *DB2 Universal Database Message Reference* for information on the given error number. Also see the error log file for more information.

---

**DGL3617A An attribute value required.**

**Explanation:** You must provide an attribute value to the item type. The attribute value cannot be null.

**Component:** Java or C++ APIs

**Action:** Provide a valid attribute value to the item type. See the error log file for existing attribute values.

---

---

**DGL3618A Attribute pair not found.**

**Explanation:** The attribute or attribute group pairs were not found in the ICMSTATTRGROUP table.

**Component:** Java or C++ APIs

**Action:** Define all necessary attributes for the attribute group.

---

**DGL3619A Attribute pairs 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.

**Component:** Java or C++ APIs

**Action:** Define all necessary attributes for the attribute group.

---

**DGL3620A ICM root (ICMROOT) environment variable was not found.**

**Explanation:** You must define the ICMROOT variable on the system.

**Component:** Java or C++ APIs

**Action:** Define the ICMROOT variable in your system.

---

**DGL3621A Error occurred while library server was attempting to access Content Manager internal system control and/or configuration parameters.**

**Explanation:** The library server cannot access its configuration information.

**Component:** Java or C++ APIs

**Action:** Retry the operation. If the problem persists, record the return code and see your system administrator or IBM service representative.

---

**DGL3624A Item is checked out by another user.**

**Explanation:** The item you are trying to check out is checked out by another user.

**Component:** Java or C++ APIs

**Action:** Wait until the item is checked in before proceeding.

---

**DGL3625A Error occurred while deleting item.**

**Explanation:** An error has occurred while deleting an item.

**Component:** Java or C++ APIs

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

---

---

**DGL3626A Item ID not found.**

**Explanation:** This item does not exist in the ICMSTITEMSxxxxxxx table, where x represents a number such as 001001.

**Component:** Java or C++ APIs

**Action:** Use Content Manager query to search for the item ID or search for the item ID in the database tables.

---

**DGL3627A Error occurred while inserting item.**

**Explanation:** An error occurred while adding a new item.

**Component:** Java or C++ APIs

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

---

**DGL3629A Item is not checked out.**

**Explanation:** You tried to check in an item that is not checked out.

**Component:** Java or C++ APIs

**Action:** Check out the item before checking it in.

---

**DGL3632A Error in selecting item.**

**Explanation:** An internal error occurred.

**Component:** Java or C++ APIs

**Action:** Record the return code from the error log file, and see your system administrator or IBM service representative.

---

**DGL3635A Invalid access module DLL name.**

**Explanation:** An internal error occurred.

**Component:** Java or C++ APIs

**Action:** Record the return code from the error log file, and see your system administrator or IBM service representative.

---

**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.

**Component:** Java or C++ APIs

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

---

---

**DGL3637A Invalid attribute type.**

**Explanation:** An invalid attribute type was used.

**Component:** Java or C++ APIs

**Action:** Define a valid attribute type.

---

**DGL3638A Invalid attribute ID.**

**Explanation:** An invalid attribute ID was used. The attribute might not exist in the database.

**Component:** Java or C++ APIs

**Action:** Define a valid attribute ID.

---

**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.

**Component:** Java or C++ APIs

**Action:** Redefine the length of the BLOB to be within the correct range.

---

**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.

**Component:** Java or C++ APIs

**Action:** Redefine the length of the character to be within the correct range.

---

**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.

**Component:** Java or C++ APIs

**Action:** Redefine the length of the CLOB character to be within the correct range.

---

**DGL3642A Invalid component type ID.**

**Explanation:** Cannot find component type ID from the datastore.

**Component:** Java or C++ APIs

**Action:** Create a new component type ID.

---

---

**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.

**Component:** Java or C++ APIs

**Action:** Redefine the length of the DBCLOB character to be within the correct range.

---

**DGL3645A Invalid decimal attribute definition.**

**Explanation:** The digits of decimal number should be in the range of 1 to 31.

**Component:** Java or C++ APIs

**Action:** Redefine the digits of decimal number to be within the correct range.

---

**DGL3650A Invalid group user ID.**

**Explanation:** An invalid user group ID was used. The user group might not exist in the database.

**Component:** Java or C++ APIs

**Action:** Define a valid user group ID.

---

**DGL3651A Child must have an index to its parent.**

**Explanation:** An internal error occurred.

**Component:** Java or C++ APIs

**Action:** Record the return code from the error log file, and see your system administrator or IBM service representative.

---

**DGL3652A Invalid indicator.**

**Explanation:** An internal error occurred.

**Component:** Java or C++ APIs

**Action:** Record the return code from the error log file, and see your system administrator or IBM service representative.

---

**DGL3653A Invalid item ID.**

**Explanation:** The system cannot find the item ID from datastore.

**Component:** Java or C++ APIs

**Action:** Create a new item ID.

---

**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

**Component:** Java or C++ APIs

**Action:** Use an available item type in the system.

---

**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 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.

**Component:** Java or C++ APIs

**Action:** 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.

---

**DGL3656A Invalid new user ID.**

**Explanation:** You tried to create a new user ID that already exists in the system.

**Component:** Java or C++ APIs

**Action:** Define a different user ID.

---

**DGL3657A Invalid parameter.**

**Explanation:** Invalid data was passed as input.

**Component:** Java or C++ APIs

**Action:** Provide valid data as input.

---

**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.

**Component:** Java or C++ APIs

**Action:** Use the parent component type name to find the parent entity information, and then establish the relationship between the parent component type and the child component type.

---



---

**DGL3665A Invalid varchar attribute definition.**

**Explanation:** You tried 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.

**Component:** Java or C++ APIs

**Action:** Define the minimum length of the varchar attribute to be between -1 and 0; define the maximum length of the varchar attribute to be between 1252 and the item ID number.

---

**DGL3673A Insufficient privileges to set system attribute.**

**Explanation:** You do not have sufficient privileges to set a system attribute.

**Component:** Java or C++ APIs

**Action:** If you should be able to set this system attribute, see your system administrator to have your privileges updated.

---

**DGL3674A Insufficient privileges to check out item.**

**Explanation:** You do not have sufficient privileges to check out this item.

**Component:** Java or C++ APIs

**Action:** If you should be able to access this item, see your system administrator to have your privileges updated.

---

**DGL3675A Insufficient privileges to define attribute.**

**Explanation:** You do not have sufficient privileges to define this attribute.

**Component:** Java or C++ APIs

**Action:** If you should be able to define this attribute, see your system administrator to have your privileges updated.

---

**DGL3676A Insufficient privileges to define user group.**

**Explanation:** You do not have sufficient privileges to define this user group.

**Component:** Java or C++ APIs

**Action:** If you should be able to define this user group, see your system administrator to have your privileges updated.

---

---

**DGL3677A Insufficient privileges to define user.**

**Explanation:** You do not have sufficient privileges to define this user.

**Component:** Java or C++ APIs

**Action:** If you should be able to define this user, see your system administrator to have your privileges updated.

---

**DGL3678A Insufficient privileges to delete item.**

**Explanation:** You do not have sufficient privileges to delete this item.

**Component:** Java or C++ APIs

**Action:** If you should be able to delete this item, see your system administrator to have your privileges updated.

---

**DGL3679A Insufficient privileges to get attribute.**

**Explanation:** You do not have sufficient privileges to get this attribute.

**Component:** Java or C++ APIs

**Action:** If you should be able to get this attribute, see your system administrator to have your privileges updated.

---

**DGL3680A Insufficient privileges to access item type information.**

**Explanation:** You do not have sufficient privileges to access this item type.

**Component:** Java or C++ APIs

**Action:** If you should be able to access this item type, see your system administrator to have your privileges updated.

---

**DGL3681A Insufficient privileges to access item information.**

**Explanation:** You do not have sufficient privileges to access this item.

**Component:** Java or C++ APIs

**Action:** If you should be able to access this item, see your system administrator to have your privileges updated.

---

**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.

**Component:** Java or C++ APIs

**Action:** If you should be able to link this item, see

your system administrator to have your privileges updated.

---

**DGL3683A Insufficient privileges to query group user.**

**Explanation:** You do not have sufficient privileges to query this group user.

**Component:** Java or C++ APIs

**Action:** If you should be able to query this group user, see your system administrator to have your privileges updated.

---

**DGL3684A Insufficient privileges to query item.**

**Explanation:** You do not have sufficient privileges to query this item.

**Component:** Java or C++ APIs

**Action:** If you should be able to query this item, see your system administrator to have your privileges updated.

---

**DGL3685A Insufficient privileges to query user group.**

**Explanation:** You do not have sufficient privileges to query this user group.

**Component:** Java or C++ APIs

**Action:** If you should be able to query this user group, see your system administrator to have your privileges updated.

---

**DGL3686A Insufficient privileges to query user in a group.**

**Explanation:** You do not have sufficient privileges to query this user in the user group.

**Component:** Java or C++ APIs

**Action:** If you should be able to query this user in this group, see your system administrator to have your privileges updated.

---

**DGL3687A Insufficient privileges to query user.**

**Explanation:** You do not have sufficient privileges to query this user.

**Component:** Java or C++ APIs

**Action:** If you should be able to query this user, see your system administrator to have your privileges updated.

---

**DGL3688A Insufficient privilege.**

**Explanation:** You do not have sufficient privileges to perform this action.

**Component:** Java or C++ APIs

**Action:** See your system administrator to have your privileges updated.

---

**DGL3689A Insufficient privileges to get item.**

**Explanation:** You do not have sufficient privileges to get this item.

**Component:** Java or C++ APIs

**Action:** If you are allowed to get this item, see your system administrator to have your privileges updated.

---

**DGL3690A Insufficient privileges to query content class.**

**Explanation:** You do not have sufficient privileges to query this content class.

**Component:** Java or C++ APIs

**Action:** If you should be able to query this content class, see your system administrator to have your privileges updated.

---

**DGL3691A Insufficient privileges to set access controls.**

**Explanation:** You do not have sufficient privileges to set access controls.

**Component:** Java or C++ APIs

**Action:** If you should be able to set access controls, see your system administrator to have your privileges updated.

---

**DGL3692A Insufficient privileges to query access controls.**

**Explanation:** You do not have sufficient privileges to query access controls.

**Component:** Java or C++ APIs

**Action:** If you should be able to query access controls, see your system administrator to have your privileges updated.

---

**DGL3693A Insufficient privileges to update item.**

**Explanation:** You do not have sufficient privileges to update this item.

**Component:** Java or C++ APIs

**Action:** If you should be able to update items, see your system administrator to have your privileges updated.

---

**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.

**Component:** Java or C++ APIs

**Action:** If you should be able to check in this item, see your system administrator to have your privileges updated.

---

**DGL3696A Component cardinality error.**

**Explanation:** An internal error occurred.

**Component:** Java or C++ APIs

**Action:** Record the return code from the error log file, and see your system administrator or IBM service representative.

---

**DGL3697A Component attributes not found.**

**Explanation:** An internal error occurred.

**Component:** Java or C++ APIs

**Action:** Record the return code from the error log file, and see your system administrator or IBM service representative.

---

**DGL3698A Error inserting component.**

**Explanation:** An error has occurred while adding a new component.

**Component:** Java or C++ APIs

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

---

**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.

**Component:** Java or C++ APIs

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

---

**DGL3700A Component view name [mmm] not found.**

**Explanation:** The component view name is not found in the library server.

**Component:** Java or C++ APIs

**Action:** Make sure that the component view is defined in the library server.

---

**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.

**Component:** Java or C++ APIs

**Action:** Make sure that the component view is defined in the library server.

---

**DGL3704A Error found in component type attribute.**

**Explanation:** The number of attributes of the given component type ID exceeded the limit of 80.

**Component:** Java or C++ APIs

**Action:** Define less than 80 attributes for this component type.

---

**DGL3705A Error occurred while building component type.**

**Explanation:** An error occurred while building a component type.

**Component:** Java or C++ APIs

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

---

**DGL3706A Error occurred while creating index for the component type.**

**Explanation:** An error occurred while creating the index of the component type.

**Component:** Java or C++ APIs

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

---

**DGL3707A Error occurred while creating table for the component type.**

**Explanation:** An error occurred while creating the table of the component type.

**Component:** Java or C++ APIs

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

---

**DGL3708A Error occurred while creating view for the component type.**

**Explanation:** An error occurred while creating a view of the component type.

**Component:** Java or C++ APIs

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

---

**DGL3709A Error occurred while preparing the component type.**

**Explanation:** An error occurred while preparing a component type.

**Component:** Java or C++ APIs

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

---

**DGL3710A Error occurred while binding the component type.**

**Explanation:** An error occurred while binding a component type.

**Component:** Java or C++ APIs

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

---

**DGL3711A Error occurred while compiling the component type.**

**Explanation:** An error occurred while compiling a component type.

**Component:** Java or C++ APIs

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

---

**DGL3712A Error occurred while linking the component type.**

**Explanation:** An error occurred while linking a component type.

**Component:** Java or C++ APIs

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

---

---

**DGL3713A Error occurred while deleting item type.**

**Explanation:** An error occurred while deleting an item type.

**Component:** Java or C++ APIs

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

---

**DGL3714A Item type already exists.**

**Explanation:** You tried to add a item type, but this item type already exists in the system.

**Component:** Java or C++ APIs

**Action:** Use a different item type name.

---

**DGL3715A Error occurred while inserting item type.**

**Explanation:** An error occurred while adding a new item type.

**Component:** Java or C++ APIs

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

---

**DGL3716A Error occurred while deleting item type keyword.**

**Explanation:** An error occurred while deleting an item type name.

**Component:** Java or C++ APIs

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

---

**DGL3717A Error occurred while inserting item type keyword.**

**Explanation:** An error occurred while inserting the item type keyword.

**Component:** Java or C++ APIs

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

---

**DGL3718A Error occurred while naming item type keyword.**

**Explanation:** An error occurred while naming the item type keyword.

**Component:** Java or C++ APIs

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

---

---

**DGL3719A Error occurred while updating item type keyword.**

**Explanation:** An error occurred while updating the item type keyword.

**Component:** Java or C++ APIs

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

---

**DGL3721A Item type [nmn] not found.**

**Explanation:** The item type definition was not found on the library server.

**Component:** Java or C++ APIs

**Action:** Make sure that the item type definition exists in the library server.

---

**DGL3722A Error occurred while updating item type.**

**Explanation:** An error has occurred while updating an item type.

**Component:** Java or C++ APIs

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

---

**DGL3723A User does not exist in the system.**

**Explanation:** This user cannot be found in the database.

**Component:** Java or C++ APIs

**Action:** Add this user to the database.

---

**DGL3724A User ID already exists in the system.**

**Explanation:** This user ID already exists in the database.

**Component:** Java or C++ APIs

**Action:** Check the spelling and capitalization of the user ID. Choose a different user ID.

---

**DGL3725A User group ID already exists in the system.**

**Explanation:** This user group ID already exists in the database.

**Component:** Java or C++ APIs

**Action:** Check the spelling and capitalization of the user group ID. Choose a different user group.

---

---

**DGL3726A User group ID does not exist in the system.**

**Explanation:** This user group ID cannot be found in the database.

**Component:** Java or C++ APIs

**Action:** Check the spelling and capitalization of the user group ID. Add the user group ID to the database.

---

**DGL3727A User cannot delete itself.**

**Explanation:** The system does not allow you to delete the user ID you are currently using.

**Component:** Java or C++ APIs

**Action:** Log on as a different user. You can delete the user ID as long as you have the privilege to do so and are not logged onto the user ID you want to delete.

---

**DGL3728A Invalid component ID.**

**Explanation:** Cannot find the component ID from the datastore.

**Component:** Java or C++ APIs

**Action:** Create a new component ID or search for an existing one.

---

**DGL3729A Attribute [nmn] does not exist in the system.**

**Explanation:** The attribute definition was not found on the library server.

**Component:** Java or C++ APIs

**Action:** Make sure that the attribute definition exists on the library server.

---

**DGL3730A Error occurred while creating attribute.**

**Explanation:** An error occurred while creating an attribute.

**Component:** Java or C++ APIs

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

---

**DGL3731A Error occurred while creating item type.**

**Explanation:** An error occurred while creating an item type.

**Component:** Java or C++ APIs

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

---

---

**DGL3732A Error occurred while creating item.**

**Explanation:** An error occurred while creating an item.

**Component:** Java or C++ APIs

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

---

**DGL3733A Error occurred while deleting object.**

**Explanation:** An error occurred while deleting an object.

**Component:** Java or C++ APIs

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

---

**DGL3734A Error occurred while adding the user.**

**Explanation:** An error occurred while adding a user to the system.

**Component:** Java or C++ APIs

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

---

**DGL3735A Error occurred while updating the user.**

**Explanation:** An error occurred while updating a user in the system.

**Component:** Java or C++ APIs

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

---

**DGL3736A Error occurred while deleting the user.**

**Explanation:** An error occurred while deleting a user from the system.

**Component:** Java or C++ APIs

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

---

**DGL3737A Error occurred while adding the user group.**

**Explanation:** An error occurred while adding a user group to the system.

**Component:** Java or C++ APIs

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

---

---

**DGL3738A Error occurred while updating the user group.**

**Explanation:** An error occurred while updating the user group.

**Component:** Java or C++ APIs

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

---

**DGL3739A Error occurred while deleting the user group.**

**Explanation:** An error occurred while deleting a user group from the system.

**Component:** Java or C++ APIs

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

---

**DGL3740A Error occurred while adding user to group.**

**Explanation:** An error occurred while adding a user to a group.

**Component:** Java or C++ APIs

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

---

**DGL3741A Error occurred while deleting a user from group.**

**Explanation:** An error occurred while deleting a user from a group.

**Component:** Java or C++ APIs

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

---

**DGL3742A Error occurred while retrieving an entity.**

**Explanation:** An error occurred while retrieving an entity.

**Component:** Java or C++ APIs

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

---

**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.

---

**Component:** Java or C++ APIs

**Action:** Delete unwanted files to free memory.

---

**DGL3744A Error occurred while adding privileges.**

**Explanation:** An error occurred while adding or creating privileges.

**Component:** Java or C++ APIs

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

---

**DGL3745A Error occurred while deleting privileges.**

**Explanation:** An error occurred while deleting a privilege.

**Component:** Java or C++ APIs

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

---

**DGL3746A Error occurred while updating privileges.**

**Explanation:** An error occurred while updating a privilege.

**Component:** Java or C++ APIs

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

---

**DGL3747A Error occurred while retrieving privileges.**

**Explanation:** An error occurred while retrieving a privilege.

**Component:** Java or C++ APIs

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

---

**DGL3748A Error occurred while adding privilege set.**

**Explanation:** An error occurred while adding or creating a privilege set.

**Component:** Java or C++ APIs

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

---

**DGL3749A Error occurred while deleting privilege set.**

**Explanation:** An error occurred while deleting a privilege set.

**Component:** Java or C++ APIs

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

---

**DGL3750A Error occurred while updating privilege set.**

**Explanation:** An error occurred while updating a privilege set.

**Component:** Java or C++ APIs

**Action:** Determine the source of the problem by noting the error information returned, such as the error message, error state, and error code.

---

**DGL3751A Error occurred while retrieving privilege set.**

**Explanation:** An error occurred while retrieving a privilege set.

**Component:** Java or C++ APIs

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

---

**DGL3752A Error occurred while adding privilege group.**

**Explanation:** An error occurred while creating a privilege group.

**Component:** Java or C++ APIs

**Action:** Determine the source of the problem by noting the error information returned, such as the error message, error state, and error code.

---

**DGL3753A Error occurred while deleting privilege group.**

**Explanation:** An error occurred while deleting a privilege group.

**Component:** Java or C++ APIs

**Action:** Determine the source of the problem by noting the error information returned, such as the error message, error state, and error code.

---

---

**DGL3754A Error occurred while updating privilege set.**

**Explanation:** An error occurred while updating a privilege group.

**Component:** Java or C++ APIs

**Action:** Determine the source of the problem by noting the error information returned, such as the error message, error state, and error code.

---

**DGL3755A Error occurred while retrieving privilege group.**

**Explanation:** An error occurred while retrieving a privilege group.

**Component:** Java or C++ APIs

**Action:** Determine the source of the problem by noting the error information returned, such as the error message, error state, and error code.

---

**DGL3756A Error occurred while adding access control list.**

**Explanation:** An error occurred while adding an access control list.

**Component:** Java or C++ APIs

**Action:** Determine the source of the problem by noting the error information returned, such as the error message, error state, and error code.

---

**DGL3757A Error occurred while deleting access control list.**

**Explanation:** An error occurred while deleting an access control list.

**Component:** Java or C++ APIs

**Action:** Determine the source of the problem by noting the error information returned, such as the error message, error state, and error code.

---

**DGL3758A Error occurred while updating access control list.**

**Explanation:** An error occurred while updating an access control list.

**Component:** Java or C++ APIs

**Action:** Determine the source of the problem by noting the error information returned, such as the error message, error state, and error code.

---

---

**DGL3759A Error occurred while retrieving access control list.**

**Explanation:** An error occurred while retrieving an access control list.

**Component:** Java or C++ APIs

**Action:** Determine the source of the problem by noting the error information returned, such as the error message, error state, and error code.

---

**DGL3760A Error occurred while adding access control list rule.**

**Explanation:** An error occurred while creating a rule in an access control list.

**Component:** Java or C++ APIs

**Action:** Determine the source of the problem by noting the error information returned, such as the error message, error state, and error code.

---

**DGL3761A Error occurred while deleting access control list rule.**

**Explanation:** An error occurred while deleting a rule in an access control list.

**Component:** Java or C++ APIs

**Action:** Determine the source of the problem by noting the error information returned, such as the error message, error state, and error code.

---

**DGL3762A Error occurred while updating access control list rule.**

**Explanation:** An error occurred while updating a rule in an access control list.

**Component:** Java or C++ APIs

**Action:** Determine the source of the problem by noting the error information returned, such as the error message, error state, and error code.

---

**DGL3763A Error occurred while retrieving access control list rule.**

**Explanation:** An error occurred while retrieving a rule in an access control list.

**Component:** Java or C++ APIs

**Action:** Determine the source of the problem by noting the error information returned, such as the error message, error state, and error code.

---



---

**DGL3764A Privilege already exists in privilege set.**

**Explanation:** This privilege already exists in a privilege set in the database.

**Component:** Java or C++ APIs

**Action:** Do not add this privilege to the database.

---

**DGL3765A Privilege does not exist in privilege set.**

**Explanation:** This privilege does not exist in a privilege set.

**Component:** Java or C++ APIs

**Action:** Add the privilege to the privilege set.

---

**DGL3766A Privilege already exists in privilege group.**

**Explanation:** This privilege already exists in a privilege group in the database.

**Component:** Java or C++ APIs

**Action:** Do not add this privilege to the database.

---

**DGL3767A Privilege does not exist in privilege group.**

**Explanation:** This privilege does not exist in a privilege group.

**Component:** Java or C++ APIs

**Action:** Add this privilege to the privilege group.

---

**DGL3768A Error occurred while listing privileges.**

**Explanation:** An error occurred while listing privileges.

**Component:** Java or C++ APIs

**Action:** Determine the source of the problem by noting the error information returned, such as the error message, error state, and error code.

---

**DGL3769A Error occurred while listing privilege sets.**

**Explanation:** An error occurred while listing privilege sets.

**Component:** Java or C++ APIs

**Action:** Determine the source of the problem by noting the error information returned, such as the error message, error state, and error code.

---

---

**DGL3770A Error occurred while listing privilege groups.**

**Explanation:** An error occurred while listing privilege groups.

**Component:** Java or C++ APIs

**Action:** Determine the source of the problem by noting the error information returned, such as the error message, error state, and error code.

---

**DGL3771A Error occurred while listing access control lists.**

**Explanation:** An error occurred while listing access control lists.

**Component:** Java or C++ APIs

**Action:** Determine the source of the problem by noting the error information returned, such as the error message, error state, and error code.

---

**DGL3772A Error occurred while listing NLS keywords.**

**Explanation:** An error occurred while listing NLS keywords.

**Component:** Java or C++ APIs

**Action:** Determine the source of the problem by noting the error information returned, such as the error message, error state, and error code.

---

**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.

**Component:** Java or C++ APIs

**Action:** Define a user or group name in the access control list.

---

**DGL3774A Cannot delete system-defined access control list.**

**Explanation:** A system-defined access control list cannot be deleted.

**Component:** Java or C++ APIs

**Action:** Do not try to delete this access control list.

---

**DGL3775A Cannot update system-defined access control list.**

**Explanation:** A system-defined access control list cannot be updated.

**Component:** Java or C++ APIs

**Action:** Do not try to update this access control list.

---

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**DGL3776A** Cannot delete system-defined privilege.

**Explanation:** A system-defined privilege cannot be deleted.

**Component:** Java or C++ APIs

**Action:** Do not try to delete this privilege.

---

**DGL3777A** Cannot update system-defined privilege.

**Explanation:** A system-defined privilege cannot be updated.

**Component:** Java or C++ APIs

**Action:** Do not try to update this privilege.

---

**DGL3778A** Cannot delete system-defined privilege set.

**Explanation:** A system-defined privilege set cannot be deleted.

**Component:** Java or C++ APIs

**Action:** Do not try to delete this privilege set.

---

**DGL3779A** Cannot update system-defined privilege set.

**Explanation:** A system-defined privilege set cannot be updated.

**Component:** Java or C++ APIs

**Action:** Do not try to update this privilege set.

---

**DGL3780A** Cannot delete system-defined privilege group.

**Explanation:** A system-defined privilege group cannot be deleted.

**Component:** Java or C++ APIs

**Action:** Do not try to delete this privilege group.

---

**DGL3781A** Cannot update system-defined privilege group.

**Explanation:** A system-defined privilege group cannot be updated.

**Component:** Java or C++ APIs

**Action:** Do not try to update this privilege group.

---

**DGL3782A** Privilege ID does not exist.

**Explanation:** This privilege might not be in the database.

**Component:** Java or C++ APIs

**Action:** Add this privilege to the database.

---

---

**DGL3783A** Privilege set ID does not exist.

**Explanation:** This privilege set might not be in the database.

**Component:** Java or C++ APIs

**Action:** Add this privilege set to the database.

---

**DGL3784A** Privilege group ID does not exist.

**Explanation:** This privilege group might not be in the database.

**Component:** Java or C++ APIs

**Action:** Add this privilege group to the database.

---

**DGL3785A** Access control list ID does not exist.

**Explanation:** This access control list might not be in the database.

**Component:** Java or C++ APIs

**Action:** Add this access control list to the database.

---

**DGL3786A** Privilege does not exist.

**Explanation:** This privilege is not in the database.

**Component:** Java or C++ APIs

**Action:** Add this privilege to the database.

---

**DGL3787A** Privilege set does not exist.

**Explanation:** This privilege set is not in the database.

**Component:** Java or C++ APIs

**Action:** Add this privilege set to the database.

---

**DGL3788A** Privilege group does not exist.

**Explanation:** This privilege group is not in the database.

**Component:** Java or C++ APIs

**Action:** Add this privilege group to the database.

---

**DGL3789A** Access control list does not exist.

**Explanation:** This access control list is not in the database.

**Component:** Java or C++ APIs

**Action:** Add this access control list to the database.

---

**DGL3790A** Privilege already exists.

**Explanation:** This privilege is already in the database.

**Component:** Java or C++ APIs

**Action:** Do not add this privilege to the database.

---

---

**DGL3791A Privilege set already exists.**

**Explanation:** This privilege set is already in the database.

**Component:** Java or C++ APIs

**Action:** Do not add this privilege set to the database.

---

**DGL3792A Privilege group already exists.**

**Explanation:** This privilege group is already in the database.

**Component:** Java or C++ APIs

**Action:** Do not add this privilege group to the database.

---

**DGL3793A Access control list already exists.**

**Explanation:** This access control list is already in the database.

**Component:** Java or C++ APIs

**Action:** Do not add this access control list to the database.

---

**DGL3794A Access control list rule already exists.**

**Explanation:** This rule in the access control list is already in the database.

**Component:** Java or C++ APIs

**Action:** Do not add this rule to the access control list in the database.

---

**DGL3795A Privilege is in use.**

**Explanation:** This privilege is already in a certain privilege set.

**Component:** Java or C++ APIs

**Action:** Do not delete this privilege from the database.

---

**DGL3796A Attribute already exists in attribute group.**

**Explanation:** You tried to add an attribute to an attribute group, but this attribute already exists in this attribute group.

**Component:** Java or C++ APIs

**Action:** Use a different attribute name.

---

**DGL3797A No attribute defined in this attribute group.**

**Explanation:** You tried to create an attribute group, but no attribute exists in that group. An attribute group should contain at least one attribute.

---

**Component:** Java or C++ APIs

**Action:** Define an attribute group that contains at least one attribute.

---

**DGL3798A Attribute group does not exist.**

**Explanation:** You tried to update or delete an attribute group, but this attribute group does not exist in the system.

**Component:** Java or C++ APIs

**Action:** Verify the available attribute groups from the system.

---

**DGL3799A Attribute group already exists.**

**Explanation:** You tried to add an attribute group, but this attribute group already exists in the system.

**Component:** Java or C++ APIs

**Action:** Use a different name for this attribute group.

---

**DGL3800A Cannot delete system-defined attribute group.**

**Explanation:** You tried to delete a system-defined attribute group that is not allowed by the library server.

**Component:** Java or C++ APIs

**Action:** 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.

---

**DGL3801A Error occurred while listing attribute groups.**

**Explanation:** An error occurred when you tried to list attribute groups.

**Component:** Java or C++ APIs

**Action:** Determine the source of the problem by noting the error information returned, such as the error message, error state, and error code.

---

**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.

**Component:** Java or C++ APIs

**Action:** Do not add this user or group to the access control list.

---

---

**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 in the access control list.

**Component:** Java or C++ APIs

**Action:** Add this user or group to the access control list.

---

**DGL3804A Error occurred while updating user.**

**Explanation:** An error occurred while updating the user.

**Component:** Java or C++ APIs

**Action:** Record the return code from the error log file, and see your system administrator or IBM service representative.

---

**DGL3805A Error occurred while adding user group.**

**Explanation:** An error occurred while adding a user group.

**Component:** Java or C++ APIs

**Action:** Record the return code from the error log file, and see your system administrator or IBM service representative.

---

**DGL3806A Error occurred while deleting user group.**

**Explanation:** An error occurred while deleting a user group.

**Component:** Java or C++ APIs

**Action:** Record the return code from the error log file, and see your system administrator or IBM service representative.

---

**DGL3807A Error occurred while updating user group.**

**Explanation:** An error occurred while updating a user group.

**Component:** Java or C++ APIs

**Action:** Record the return code from the error log file, and see your system administrator or IBM service representative.

---

**DGL3808A Error occurred while retrieving user group.**

**Explanation:** An error occurred while retrieving a user group.

**Component:** Java or C++ APIs

**Action:** Record the return code from the error log file, and see your system administrator or IBM service representative.

---

**DGL3809A User already exists in group.**

**Explanation:** You tried to add a user to a group, but this user already exists in the group.

**Component:** Java or C++ APIs

**Action:** Record the return code from the error log file, and see your system administrator or IBM service representative.

---

**DGL3810A User does not exist in group.**

**Explanation:** You tried to update or delete a user from a group, but this user does not exist in that group.

**Component:** Java or C++ APIs

**Action:** Record the return code from the error log file, and see your system administrator or IBM service representative.

---

**DGL3811A Error occurred while listing users.**

**Explanation:** An error occurred while trying to list users.

**Component:** Java or C++ APIs

**Action:** Record the return code from the error log file, and see your system administrator or IBM service representative.

---

**DGL3812A Error occurred while listing user groups.**

**Explanation:** An error occurred while trying to list user groups.

**Component:** Java or C++ APIs

**Action:** Record the return code from the error log file, and see your system administrator or IBM service representative.

---

**DGL3813A Cannot delete system-defined user.**

**Explanation:** You tried to delete a system-defined user. Some users (for example, ICM admin) are defined by the system and you cannot delete a system-defined user.

**Component:** Java or C++ APIs

**Action:** Do not try to delete system-defined users.

---

**DGL3814A Cannot update system-defined user.**

**Explanation:** You tried to update a system-defined user. Some users (for example, ICM admin) are defined by the system and you cannot delete a system-defined user.

**Component:** Java or C++ APIs

**Action:** Do not try to update system-defined user groups.

---

**DGL3815A Cannot delete system-defined user group.**

**Explanation:** You tried to delete a system-defined user group. Some user groups are defined by the system and you cannot delete a system-defined user group.

**Component:** Java or C++ APIs

**Action:** Do not try to delete system-defined user groups.

---

**DGL3816A Cannot update system-defined user group.**

**Explanation:** You tried to update a system-defined user group. Some user groups are defined by the system and you cannot update a system-defined user group.

**Component:** Java or C++ APIs

**Action:** Do not try to change system-defined user groups.

---

**DGL3817A User ID does not exist.**

**Explanation:** You tried to delete or update a user, but the user does not exist in the system.

**Component:** Java or C++ APIs

**Action:** None. You can only delete or update a user that exists in the system.

---

**DGL3818A 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.

**Component:** Java or C++ APIs

**Action:** None. You can only delete or update a user group that exists in the system.

---

**DGL3819A User does not exist.**

**Explanation:** You tried to delete or update a user, but the user does not exist in the system.

**Component:** Java or C++ APIs

**Action:** None. You can only delete or update a user that exists in the system.

---

**DGL3820A 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.

**Component:** Java or C++ APIs

**Action:** None. You can only delete or update a user group that exists in the system.

---

**DGL3821A User already exists.**

**Explanation:** You tried to add a new user, but this user already exists in the system.

**Component:** Java or C++ APIs

**Action:** Change the name for the new user you tried to add.

---

**DGL3822A User group already exists.**

**Explanation:** You tried to add a new user group, but this user group already exists in the system.

**Component:** Java or C++ APIs

**Action:** Change the name for the user group you tried to add.

---

**DGL3823A User is in use.**

**Explanation:** You requested a user that is already being used in another group or by another object.

**Component:** Java or C++ APIs

**Action:** Make sure the user you requested is not being used in another group or by another object.

---

**DGL3824A Error occurred while adding user.**

**Explanation:** An error occurred while adding a new user.

**Component:** Java or C++ APIs

**Action:** Determine the source of the problem by noting the error information returned, such as the error message, error state, and error code.

---

**DGL3825A Error occurred while deleting user.**

**Explanation:** An error occurred while deleting a user.

**Component:** Java or C++ APIs

**Action:** Determine the source of the problem by noting the error information returned, such as the error message, error state, and error code.

---

**DGL3826A Error occurred while retrieving user.**

**Explanation:** An error occurred while retrieving a user.

**Component:** Java or C++ APIs

**Action:** Determine the source of the problem by noting the error information returned, such as the error message, error state, and error code.

---

---

**DGL3827A Error occurred while listing attributes.**

**Explanation:** An error occurred when you attempted to list attributes.

**Component:** Java or C++ APIs

**Action:** Determine the source of the problem by noting the error information returned, such as the error message, error state, and error code.

---

**DGL3828A Error occurred while adding NLS language.**

**Explanation:** An error occurred while adding an NLS language.

**Component:** Java or C++ APIs

**Action:** Determine the source of the problem by noting the error information returned, such as the error message, error state, and error code.

---

**DGL3829A Error occurred while updating NLS language.**

**Explanation:** An error occurred while updating an NLS language.

**Component:** Java or C++ APIs

**Action:** Determine the source of the problem by noting the error information returned, such as the error message, error state, and error code.

---

**DGL3830A Error occurred while deleting NLS language.**

**Explanation:** An error occurred while deleting an NLS language.

**Component:** Java or C++ APIs

**Action:** Determine the source of the problem by noting the error information returned, such as the error message, error state, and error code.

---

**DGL3831A Error occurred while listing NLS language.**

**Explanation:** An error occurred while listing NLS languages.

**Component:** Java or C++ APIs

**Action:** Determine the source of the problem by noting the error information returned, such as the error message, error state, and error code.

---

**DGL3832A Error occurred while retrieving NLS language.**

**Explanation:** An error occurred while retrieving an NLS language.

**Component:** Java or C++ APIs

**Action:** Determine the source of the problem by noting the error information returned, such as the error message, error state, and error code.

---

**DGL3833A Not a supported NLS language.**

**Explanation:** This is not a supported language.

**Component:** Java or C++ APIs

**Action:** Determine the source of the problem by noting the error information returned, such as the error message, error state, and error code.

---

**DGL3834A Error occurred while adding NLS keyword.**

**Explanation:** An error occurred when you tried to add an NLS keyword.

**Component:** Java or C++ APIs

**Action:** Determine the source of the problem by noting the error information returned, such as the error message, error state, and error code.

---

**DGL3835A Error occurred while updating NLS keyword.**

**Explanation:** An error occurred when you tried to update an NLS keyword.

**Component:** Java or C++ APIs

**Action:** Determine the source of the problem by noting the error information returned, such as the error message, error state, and error code.

---

**DGL3836A Error occurred while deleting NLS keyword.**

**Explanation:** An error occurred when you tried to delete an NLS keyword.

**Component:** Java or C++ APIs

**Action:** Determine the source of the problem by noting the error information returned, such as the error message, error state, and error code.

---

**DGL3837A Error occurred while listing NLS keywords.**

**Explanation:** An error occurred when you tried to list NLS keywords.

**Component:** Java or C++ APIs

**Action:** Determine the source of the problem by noting the error information returned, such as the error message, error state, and error code.

---

---

**DGL3838A Error occurred while listing default language.**

**Explanation:** An error occurred when you tried to list the default NLS language.

**Component:** Java or C++ APIs

**Action:** Determine the source of the problem by noting the error information returned, such as the error message, error state, and error code.

---

**DGL3839A Attribute already exists in entity. The entity can be either item type or component type.**

**Explanation:** You tried to add a new attribute to the entity, but this attribute already exists in the entity.

**Component:** Java or C++ APIs

**Action:** Change the name for the attribute you want to add.

---

**DGL3840A Attribute group already exists in entity.**

**Explanation:** You tried to add a new attribute group, but this attribute group already exists in the system.

**Component:** Java or C++ APIs

**Action:** Change the name for the attribute group you want to add.

---

**DGL3841A Attribute does not exist in entity.**

**Explanation:** You tried to delete or update an attribute, but the attribute does not exist in the system.

**Component:** Java or C++ APIs

**Action:** Avoid deleting or updating an attribute that does not exist in the system.

---

**DGL3842A Attribute group does not exist in entity.**

**Explanation:** You tried to delete or update an attribute group but the attribute group does not exist in the system.

**Component:** Java or C++ APIs

**Action:** Avoid deleting or updating an attribute group that does not exist in the system.

---

**DGL3843A Subentity (child component type) already exists in this item type.**

**Explanation:** You tried to add a new child component type, but this component type already exists in the system.

**Component:** Java or C++ APIs

**Action:** Change the name for this child component type you want to add.

---

**DGL3844A Subentity does not exist in this entity.**

**Explanation:** You tried to delete or update a child component type, but the component type does not exist in the system.

**Component:** Java or C++ APIs

**Action:** Avoid deleting or updating a child component type that does not exist in the system.

---

**DGL3845A The parent component name [nmn] specified in the projection list does not match the corresponding parent component name [nmn] 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.

**Component:** Java or C++ APIs

**Action:** 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.

---

**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.

**Component:** Java or C++ APIs

**Action:** 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.

---

**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.

**Component:** Java or C++ APIs

**Action:** 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.

---

**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 non-existent link direction was referenced or used that is not allowed for the particular instance of a link, collection, or given current privileges.

**Component:** Java or C++ APIs

**Action:** Try using the other direction if possible or a different means of accessing this link direction.

---

**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 stored persistently if no links are added and the DDO is added or updated.

**Component:** Java or C++ APIs

**Action:** 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.

---

**DGL3853A Link retrieve failed.**

**Explanation:** Retrieving the links for a particular item failed.

**Component:** Java or C++ APIs

**Action:** Determine the source of the problem by noting the error information returned, such as the error message, error state, and error code.

---

**DGL3854A Internal error occurred.**

**Explanation:** An internal error occurred.

**Component:** Java or C++ APIs

**Action:** See your IBM service representative.

---

**DGL3855A Deleting or adding links failed.**

**Explanation:** Adding or removing the links for a particular item failed.

**Component:** Java or C++ APIs

**Action:** Determine the source of the problem by

noting the error information returned, such as the error message, error state, and error code.

---

**DGL3856A PID 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.

**Component:** Java or C++ APIs

**Action:** Set the PID information before using this operation.

---

**DGL3857A Cannot delete system-defined keyword.**

**Explanation:** You tried to delete a system-defined keyword. Some keywords are defined by the system (system-defined keyword code is less than 1000) and you cannot delete a system-defined keyword.

**Component:** Java or C++ APIs

**Action:** Do not try to delete a system-defined keyword.

---

**DGL3858A Cannot update system-defined keyword.**

**Explanation:** You tried to update a system-defined keyword. Some keywords are defined by the system (system-defined keyword code is less than 1000) and you cannot update a system-defined keyword.

**Component:** Java or C++ APIs

**Action:** Do not try to delete system-defined keywords.

---

**DGL3859A Keyword does not exist in the system.**

**Explanation:** You tried to delete or update a keyword, but this keyword does not exist in the system.

**Component:** Java or C++ APIs

**Action:** Do not try to delete or update a keyword that does not exist in the system.

---

**DGL3860A Keyword already exists in the system.**

**Explanation:** You tried to add a new keyword, but this keyword already exists in the system.

**Component:** Java or C++ APIs

**Action:** Change the name for the keyword you want to add.

---

**DGL3861A Keyword is in use.**

**Explanation:** You tried to update or delete a keyword that is being used by another component.

**Component:** Java or C++ APIs

**Action:** Avoid changing any information for this



keyword, which is being used by another component.

---

**DGL3862A Error occurred while adding link type.**

**Explanation:** An error occurred while adding a link type.

**Component:** Java or C++ APIs

**Action:** Determine the source of the problem by noting the error information returned, such as the error message, error state, and error code.

---

**DGL3863A Error occurred while deleting link type.**

**Explanation:** An error occurred while deleting a link type.

**Component:** Java or C++ APIs

**Action:** Determine the source of the problem by noting the error information returned, such as the error message, error state, and error code.

---

**DGL3864A Error occurred while updating link.**

**Explanation:** An error occurred while updating a link type.

**Component:** Java or C++ APIs

**Action:** Determine the source of the problem by noting the error information returned, such as the error message, error state, and error code.

---

**DGL3865A Error occurred while adding semantic type.**

**Explanation:** An error occurred while adding a semantic type.

**Component:** Java or C++ APIs

**Action:** Determine the source of the problem by noting the error information returned, such as the error message, error state, and error code.

---

**DGL3866A Error occurred while deleting semantic type.**

**Explanation:** An error occurred while deleting a semantic type.

**Component:** Java or C++ APIs

**Action:** Determine the source of the problem by noting the error information returned, such as the error message, error state, and error code.

---

**DGL3867A Error occurred while updating semantic type.**

**Explanation:** An error occurred while updating a semantic type.

**Component:** Java or C++ APIs

**Action:** Determine the source of the problem by noting the error information returned, such as the error message, error state, and error code.

---

**DGL3868A Cannot delete system-defined link type.**

**Explanation:** You cannot delete a system-defined link type.

**Component:** Java or C++ APIs

**Action:** Do not try deleting system-defined link types.

---

**DGL3869A Cannot update system-defined link type.**

**Explanation:** You cannot update a system-defined link type.

**Component:** Java or C++ APIs

**Action:** Do not try to update system-defined link types.

---

**DGL3870A Cannot delete system-defined semantic type.**

**Explanation:** You cannot delete a system-defined semantic type.

**Component:** Java or C++ APIs

**Action:** Do not try to delete system-defined semantic types.

---

**DGL3871A Cannot update system-defined semantic type.**

**Explanation:** You cannot update a system-defined semantic type.

**Component:** Java or C++ APIs

**Action:** Do not try to update system-defined semantic types.

---

**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.

**Component:** Java or C++ APIs

**Action:** 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.

---

**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.

**Component:** Java or C++ APIs

**Action:** Use the existing semantic type ID code.

---

**DGL3874A Error occurred while adding attribute.**

**Explanation:** An error occurred while adding an attribute.

**Component:** Java or C++ APIs

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

---

**DGL3875A Error occurred while deleting attribute.**

**Explanation:** An error occurred while deleting an attribute.

**Component:** Java or C++ APIs

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

---

**DGL3876A Error occurred while updating attribute.**

**Explanation:** An error occurred while updating an attribute.

**Component:** Java or C++ APIs

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

---

**DGL3877A Error occurred while adding attribute group.**

**Explanation:** An error occurred while adding an attribute group.

**Component:** Java or C++ APIs

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

---

**DGL3878A Error occurred while deleting attribute group.**

**Explanation:** An error occurred while deleting an attribute group.

**Component:** Java or C++ APIs

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

---

**DGL3879A Error occurred while updating attribute group.**

**Explanation:** An error occurred while updating an attribute group.

**Component:** Java or C++ APIs

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

---

**DGL3880A Cannot delete system-defined attribute.**

**Explanation:** You tried to delete a system-defined attribute. Some attributes are defined by the system and you cannot delete a system-defined attribute.

**Component:** Java or C++ APIs

**Action:** Do not try to delete a system-defined attribute.

---

**DGL3881A Cannot update system-defined attribute.**

**Explanation:** You tried to update a system-defined attribute. Some attributes are defined by the system and you cannot update a system-defined attribute.

**Component:** Java or C++ APIs

**Action:** Do not try to update a system-defined attribute.

---

**DGL3882A Cannot delete system-defined attribute group.**

**Explanation:** You tried to delete a system-defined attribute group. Some attribute groups are defined by the system and you cannot delete a system-defined attribute group.

**Component:** Java or C++ APIs

**Action:** Do not try to update a system-defined attribute group.

---

**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.

**Component:** Java or C++ APIs

**Action:** Do not try to update a system-defined attribute group.

---

**DGL3884A Attribute ID does not exist.**

**Explanation:** You are searching for an attribute ID that does not exist in the system.

**Component:** Java or C++ APIs

**Action:** 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.

---

**DGL3885A Attribute group ID does not exist.**

**Explanation:** You are searching for an attribute group ID that does not exist in the system.

**Component:** Java or C++ APIs

**Action:** 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.

---

**DGL3886A Item type does not exist.**

**Explanation:** The item type ID does not exist in the keyword table.

**Component:** Java or C++ APIs

**Action:** Make sure the item type ID exists in the keyword table.

---

**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.

**Component:** Java or C++ APIs

**Action:** Record the return code from the error log file. See your system administrator or IBM service representative.

---

**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.

**Component:** Java or C++ APIs

**Action:** Record the return code from the error log file. See your system administrator or IBM service representative.

---

**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.

**Component:** Java or C++ APIs

**Action:** Record the return code from the error log file. See your system administrator or IBM service representative.

---

**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.

**Component:** Java or C++ APIs

**Action:** Do not try to delete a system-defined item type.

---

**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.

**Component:** Java or C++ APIs

**Action:** Do not try to update a system-defined item type.

---

**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 system returns a positive return code to the error log file.

**Component:** Java or C++ APIs

**Action:** Record the return code from the error log file. See your system administrator or IBM service representative.

---

**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.

**Component:** Java or C++ APIs

**Action:** Record the return code from the error log file. See your system administrator or IBM service representative.

---

**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.

**Component:** Java or C++ APIs

**Action:** Record the return code from the error log file. See your system administrator or IBM service representative.

---

**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.

**Component:** Java or C++ APIs

**Action:** Do not try to delete a system-defined component type.

---

**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.

**Component:** Java or C++ APIs

**Action:** Do not try to update a system-defined component type.

---

**DGL3897A Item type ID does not exist.**

**Explanation:** The item type ID does not exist in the library server.

**Component:** Java or C++ APIs

**Action:** Make sure the item type ID exists in the library server.

---

**DGL3898A Component type ID does not exist.**

**Explanation:** The component type ID does not exist in the library server.

**Component:** Java or C++ APIs

**Action:** Make sure the component type ID exists in the library server.

---

**DGL3900A Resource manager already exists.**

**Explanation:** You tried to define a resource manager, but a resource manager with this name already exists in the database.

**Component:** Java or C++ APIs

**Action:** Provide a different name to the new resource manager.

---

**DGL3901A Resource manager does not exist.**

**Explanation:** You tried to update a resource manager, but it does not exist in the database.

**Component:** Java or C++ APIs

**Action:** None. You can only update a resource manager that exists in the database.

---

**DGL3902A The requested resource manager is currently in use.**

**Explanation:** You tried to update or delete a resource manager, but it is being used by another object.

**Component:** Java or C++ APIs

**Action:** None. Make sure the resource manager is not being used by another object before attempting to update or delete it.

---

**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.

**Component:** Java or C++ APIs

**Action:** Record the return code from the error log file. See your system administrator or IBM service representative.

---

**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.

**Component:** Java or C++ APIs

**Action:** Record the return code from the error log file. See your system administrator or IBM service representative.

---

**DGL3905A Error occurred while listing resource managers.**

**Explanation:** An error occurred while listing a new resource manager to this library server.

**Component:** Java or C++ APIs

**Action:** Record the return code from the error log file. See your system administrator or IBM service representative.

---

**DGL3906A Error occurred while retrieving resource manager.**

**Explanation:** An error occurred while trying to retrieve a resource manager from the system.

**Component:** Java or C++ APIs

**Action:** Record the return code from the error log file. See your system administrator or IBM service representative.

---

**DGL3907A Error occurred while deleting resource manager.**

**Explanation:** An error occurred while trying to delete a resource manager from the system.

**Component:** Java or C++ APIs

**Action:** Record the return code from the error log file. See your system administrator or IBM service representative.

---

**DGL3910A Resource manager collection already exists.**

**Explanation:** You tried to define a resource manager collection to this library server, but this resource manager collection is already defined in this library server.

**Component:** Java or C++ APIs

**Action:** Define a different resource manager collection to this library server.

---

**DGL3911A Resource manager collection does not exist.**

**Explanation:** You tried to define a resource manager collection to the library server, but the resource manager collection is not yet defined.

**Component:** Java or C++ APIs

**Action:** 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.

---

**DGL3912A The requested resource manager collection is currently in use.**

**Explanation:** You tried to delete a resource manager collection from this library server but it is currently in use.

**Component:** Java or C++ APIs

**Action:** Make sure the resource manager collection is no longer in use.

---

**DGL3913A Error occurred while adding resource manager collection.**

**Explanation:** An error occurred while defining a new resource manager collection to this library server.

**Component:** Java or C++ APIs

**Action:** Record the return code from the error log file. See your system administrator or IBM service representative.

---

**DGL3914A Error occurred while updating resource manager collection.**

**Explanation:** An error occurred while updating a new resource manager collection to this library server.

**Component:** Java or C++ APIs

**Action:** Record the return code from the error log file. See your system administrator or IBM service representative.

---

**DGL3915A Error occurred while listing resource manager collections.**

**Explanation:** An error occurred while listing a new resource manager collection to this library server.

**Component:** Java or C++ APIs

**Action:** Record the return code from the error log file. See your system administrator or IBM service representative.

---

**DGL3916A Error occurred while retrieving resource manager collection.**

**Explanation:** An error occurred while retrieving a new resource manager collection from this library server.

**Component:** Java or C++ APIs

**Action:** Record the return code from the error log file. See your system administrator or IBM service representative.

---

**DGL3917A** Error occurred while deleting resource manager collection.

**Explanation:** An error occurred while deleting a new resource manager collection from this library server.

**Component:** Java or C++ APIs

**Action:** Record the return code from the error log file. See your system administrator or IBM service representative.

---

**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.

**Component:** Java or C++ APIs

**Action:** Use the retrieve method instead of the get method.

---

**DGL3919A** Error occurred while listing library server control parameters.

**Explanation:** An error occurred while trying to list control parameters in the datastore.

**Component:** Java or C++ APIs

**Action:** Record the return code from the error log file. See your system administrator or IBM service representative.

---

**DGL3920A** Error occurred while updating library server control parameters.

**Explanation:** An error occurred while trying to update control parameters in the datastore.

**Component:** Java or C++ APIs

**Action:** Record the return code from the error log file. See your system administrator or IBM service representative.

---

**DGL3921A** This component type should be a root component type, not a child component type.

**Explanation:** The component you tried 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.

**Component:** Java or C++ APIs

**Action:** Pass a root component instead of a child component.

---

---

**DGL3922A** This component type cannot be a root component type.

**Explanation:** The component you tried 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.

**Component:** Java or C++ APIs

**Action:** Pass a child component instead of a root component.

---

**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 out-dated 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.

**Component:** Java or C++ APIs

**Action:** Use retrieve method instead of get method.

---

**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.

**Component:** Java or C++ APIs

**Action:** Use retrieve method instead of get method.

---

**DGL3925A** Error occurred while adding XDO classification.

**Explanation:** An error occurred while adding an XDO classification.

**Component:** Java or C++ APIs

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

---

**DGL3926A** Error occurred while deleting XDO classification.

**Explanation:** An error occurred while deleting an XDO classification.

**Component:** Java or C++ APIs

**Action:** Determine the source of the problem by

---

noting the additional error information returned, such as the error message, error state, and error code.

---

**DGL3927A Error occurred while updating XDO classification.**

**Explanation:** An error occurred while updating an XDO classification.

**Component:** Java or C++ APIs

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

---

**DGL3928A Cannot delete system-defined XDO classification.**

**Explanation:** You tried to delete a system-defined XDO classification.

**Component:** Java or C++ APIs

**Action:** Do not try to delete a system-defined XDO classification.

---

**DGL3929A Cannot update system-defined XDO classification.**

**Explanation:** You tried to update a system-defined XDO classification.

**Component:** Java or C++ APIs

**Action:** Do not try to update a system-defined XDO classification.

---

**DGL3930A XDO classification ID [nnn] does not exist.**

**Explanation:** You tried to look for an attribute group ID that does not exist in the system.

**Component:** Java or C++ APIs

**Action:** 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.

---

**DGL3931A Error occurred while adding component type index.**

**Explanation:** An error occurred while adding a component type index.

**Component:** Java or C++ APIs

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

---

**DGL3932A Error occurred while deleting component type index.**

**Explanation:** An error occurred while deleting a component type index.

**Component:** Java or C++ APIs

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

---

**DGL3933A The source item type is not enabled for auto-linking.**

**Explanation:** This source item type is not enabled for auto-linking.

**Component:** Java or C++ APIs

**Action:** Using the system administration client, enable the source item type for auto-linking.

---

**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.

**Component:** Java or C++ APIs

**Action:** Correct your program to change the links between the source item and target item.

---

**DGL3935A Unknown auto-linking error.**

**Explanation:** An error occurred while performing an auto-linking operation.

**Component:** Java or C++ APIs

**Action:** Check your programming.

---

**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.

**Component:** Java or C++ APIs

**Action:** Do not perform this action.

---

**DGL3937A Non-resource item type cannot be enabled for text search.**

**Explanation:** You tried to enable an item type for text search, but only text resource item types can be enabled for text search. For example, a video item type cannot be enabled for text search.

**Component:** Java or C++ APIs

**Action:** Change your item type to a text resource item type. See *Workstation Application Programming Guide* or *online API reference* for information about creating an item type.

---

**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"`.

**Component:** Java or C++ APIs

**Action:** Reformulate the query and make sure to specify a valid child component.

---

**DGL3939A** Component type view `[nnn]` is not a root component type view.

**Explanation:** You tried an action on a child component, but the action is only valid for a root component.

**Component:** Java or C++ APIs

**Action:** Reformulate the query and try the action on a root component.

---

**DGL3940A** Name length cannot exceed 15 characters.

**Explanation:** You tried 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.

**Component:** Java or C++ APIs

**Action:** 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.

---

**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.

**Component:** Java or C++ APIs

**Action:** Set the sequence number of the attribute.

---

**DGL3942A** Error occurred while listing XDO classification.

**Explanation:** An error occurred while listing an XDO classification.

**Component:** Java or C++ APIs

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

---

**DGL3943A** Error occurred while storing content from a third party content source; the hostname for the content source is not set.

**Explanation:** The hostname of the ftp server (the third party content source) was not specified.

**Component:** Java or C++ APIs

**Action:** Specify the ftp server hostname.

---

**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.

**Component:** Java or C++ APIs

**Action:** Specify the user ID for the ftp server hostname.

---

**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.

**Component:** Java or C++ APIs

**Action:** Specify the password for the ftp server.

---

**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.

**Component:** Java or C++ APIs

**Action:** Specify the name for the resource file that will be stored from the ftp server (the third party content source).



---

**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.

**Component:** Java or C++ APIs

**Action:** Specify the port for the ftp server. By default this port is 21.

---

**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.

**Component:** Java or C++ APIs

**Action:** Specify the protocol as ftp or http.

---

**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 tried 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.

**Component:** Java or C++ APIs

**Action:** None.

---

**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.

**Component:** Java or C++ APIs

**Action:** Specify a source attribute that is a part of a primary-key and foreign-key constraint.

---

**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.

**Component:** Java or C++ APIs

**Action:** Specify a target attribute that is a part of a primary-key and foreign-key constraint.

---

**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 tried to remove a primary-key and foreign-key constraint that is not found in the item type.

**Component:** Java or C++ APIs

**Action:** None.

---

**DGL3954A** Error occurred while adding the primary/foreign-key constraint because the primary/foreign key constraint already exists in the item type.

**Explanation:** You tried to add a primary-key and foreign-key constraint that already exists in the item type.

**Component:** Java or C++ APIs

**Action:** None.

---

**DGL3955A** Item type view does not exist.

**Explanation:** The system does not recognize the item type view object from datastore.

**Component:** Java or C++ APIs

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

---

**DGL3956A** Error occurred while adding item type view.

**Explanation:** An error occurred while adding an item type view.

**Component:** Java or C++ APIs

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

---

**DGL3957A** Error occurred while deleting item type view.

**Explanation:** An error occurred while deleting an item type view.

**Component:** Java or C++ APIs

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

---

**DGL3958A Error occurred while updating item type view.**

**Explanation:** An error occurred while updating an item type view.

**Component:** Java or C++ APIs

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

---

**DGL3959A Cannot delete system-defined item type view.**

**Explanation:** You tried to delete a system-defined item type view.

**Component:** Java or C++ APIs

**Action:** Do not try to delete the system-defined item type view.

---

**DGL3960A Cannot update system-defined item type view.**

**Explanation:** You tried to update a system-defined item type view.

**Component:** Java or C++ APIs

**Action:** Do not try to update the system-defined item type view.

---

**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.

**Component:** Java or C++ APIs

**Action:** Define an ID for this item type view.

---

**DGL3962A Component type view does not exist.**

**Explanation:** The system cannot find this component type view.

**Component:** Java or C++ APIs

**Action:** Define a new component type view.

---

**DGL3963A Error occurred while adding component type view.**

**Explanation:** An error occurred while adding a component type view.

**Component:** Java or C++ APIs

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

---

**DGL3964A Error occurred while deleting component type view.**

**Explanation:** An error occurred while deleting a component type view.

**Component:** Java or C++ APIs

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

---

**DGL3965A Error occurred while updating component type view.**

**Explanation:** An error occurred while updating a component type view.

**Component:** Java or C++ APIs

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

---

**DGL3966A Cannot delete system-defined component type view.**

**Explanation:** You tried to delete a system-defined component type view.

**Component:** Java or C++ APIs

**Action:** Do not try to delete a system-defined component type view.

---

**DGL3967A Cannot update system-defined component type view.**

**Explanation:** You tried to update a system-defined component type view.

**Component:** Java or C++ APIs

**Action:** Do not try to update a system-defined component type view.

---

**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.

**Component:** Java or C++ APIs

**Action:** Define an ID for this component type view.

---

**DGL3969A Error occurred while building component type view.**

**Explanation:** An error occurred while building a component type view.

**Component:** Java or C++ APIs

**Action:** Determine the source of the problem by noting the additional error information returned, such

as the error message, error state, and error code.

---

**DGL3970A** This component type view should be a root component type view.

**Explanation:** A root component type view is required.

**Component:** Java or C++ APIs

**Action:** Use the root component type view.

---

**DGL3971** Defined length is invalid.

**Explanation:** Character length cannot be defined as more than 254 bytes.

**Component:** Java or C++ APIs

**Action:** Character length should be defined within 254 bytes.

---

**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:** You cannot delete this object because it violates the delete rule.

**Component:** Java or C++ APIs

**Action:** Set the delete rule to a different value.

---

**DGL3973A** Primary or unique key values cannot be null.

**Explanation:** A primary or unique key must have distinct values.

**Component:** Java or C++ APIs

**Action:** Define a value for the primary or unique key.

---

**DGL3974A** Invalid 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.

**Component:** Java or C++ APIs

**Action:** Define a valid ICM PID.

---

**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.

**Component:** Java or C++ APIs

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

---

**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.

**Component:** Java or C++ APIs

**Action:** Set the total length(s) of the resource file(s) to be stored from the third party content source.

---

**DGL3977A** A required parameter was not set.

**Explanation:** A required parameter for this operation was not set.

**Component:** Java or C++ APIs

**Action:** See *online API reference* for information on the required parameters. Correct your program by specifying all the required parameters.

---

**DGL3980A** The resource manager returned an invalid response.

**Explanation:** Communications with the resource manager returned an unrecognized response.

**Component:** Java or C++ APIs

**Action:** Check the configuration of the resource manager.

---

**DGL3981A** Error occurred while listing component type indexes.

**Explanation:** An error occurred while listing component type indexes.

**Component:** Java or C++ APIs

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

---

**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.

**Component:** Java or C++ APIs

**Action:** The source DDO of the link must first be added or retrieved.

---

**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.

**Component:** Java or C++ APIs

**Action:** The target DDO of the link must first be added or retrieved.

---

**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.

**Component:** Java or C++ APIs

**Action:** The link item DDO of the link must first be added or retrieved.

---

**DGL3986A** Error occurred while adding event type view.

**Explanation:** An error occurred while adding an event type.

**Component:** Java or C++ APIs

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

---

**DGL3987A** Error occurred while deleting event type view.

**Explanation:** An error occurred while deleting an event type.

**Component:** Java or C++ APIs

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

---

**DGL3988A** Error occurred while updating event type view.

**Explanation:** An error occurred while updating an event type.

**Component:** Java or C++ APIs

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

---

---

**DGL3989A** Cannot delete system-defined event type view.

**Explanation:** You tried to delete a system-defined event type.

**Component:** Java or C++ APIs

**Action:** Do not try to delete a system-defined event type.

---

**DGL3990A** Cannot update system-defined event type view.

**Explanation:** You tried to update a system-defined event type.

**Component:** Java or C++ APIs

**Action:** Do not try to update a system-defined event type.

---

**DGL3991A** Event type ID does not exist.

**Explanation:** You tried to look for an event type ID that does not exist in the system.

**Component:** Java or C++ APIs

**Action:** 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.

---

**DGL3992A** Cannot exceed the maximum short value.

**Explanation:** You tried to define the maximum value for short data type that exceeds the upper bound.

**Component:** Java or C++ APIs

**Action:** Define a value within the range allowed for this data type.

---

**DGL3993A** Cannot exceed the maximum integer value.

**Explanation:** You tried to define the maximum value for integer data type that exceeds the upper bound allowed for this data type.

**Component:** Java or C++ APIs

**Action:** Define a value within the range allowed for this data type.

---

**DGL3994A** Cannot go below the minimum short value.

**Explanation:** You tried to define the minimum value for short data type that exceeds the lower bound allowed for this data type.

**Component:** Java or C++ APIs

**Action:** Define a value within the range allowed for this data type.

---

**DGL3995A Cannot go below the minimum integer value.**

**Explanation:** You tried to define the minimum value for integer data type that exceeds the lower bound allowed for this data type.

**Component:** Java or C++ APIs

**Action:** Define a value within the range allowed for this data type.

---

**DGL3996A Defined maximum value cannot be lower than the minimum value.**

**Explanation:** You tried to define the maximum value of a numeric data type attribute that is lower than the minimum value of this attribute.

**Component:** Java or C++ APIs

**Action:** Define a larger value for the maximum value.

---

**DGL3997A Privilege set is in use and cannot be deleted.**

**Explanation:** This privilege set is being used in a certain privilege group.

**Component:** Java or C++ APIs

**Action:** Do not delete this privilege set from the system.

---

**DGL3998A Error occurred while listing MIME types.**

**Explanation:** An error occurred while listing content types.

**Component:** Java or C++ APIs

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

---

**DGL3999A Error occurred while adding MIME type.**

**Explanation:** An error occurred while adding a content type.

**Component:** Java or C++ APIs

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



---

## Chapter 6. API messages, DGL4000 - DGL5386

You might receive any of the following messages from the Enterprise Information Portal APIs. The Content Management Information Center search looks for full words. You need to enter the entire word that you want to find. When searching for messages, enter the full message number, including the prefix. For example, to find information on DGL1234A, enter DGL1234A. To find information on a message that has only a number, enter the number.

---

**DGL4000A Error occurred while updating MIME type.**

**Explanation:** An error occurred while updating a MIME type.

**Component:** Java or C++ APIs

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

---

**DGL4001A Error occurred while deleting MIME type.**

**Explanation:** An error occurred while deleting a MIME type.

**Component:** Java or C++ APIs

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

---

**DGL4002A Invalid event code.**

**Explanation:** You tried to look for an event code that does not exist in the system.

**Component:** Java or C++ APIs

**Action:** Choose a different event code.

---

**DGL4003A Error occurred while writing event.**

**Explanation:** An error occurred while writing an event.

**Component:** Java or C++ APIs

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

---

**DGL4004A Error occurred while listing events.**

**Explanation:** An error occurred while listing an event.

**Component:** Java or C++ APIs

**Action:** Determine the source of the problem by noting the additional error information returned, such

as the error message, error state, and error code.

---

**DGL4005A Error occurred while listing item type relationships.**

**Explanation:** An error occurred while listing item type relationships.

**Component:** Java or C++ APIs

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

---

**DGL4006A Error occurred while adding item type relationship.**

**Explanation:** An error occurred while adding an item type relationship.

**Component:** Java or C++ APIs

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

---

**DGL4007A Error occurred while updating item type relationship.**

**Explanation:** An error occurred while updating an item type relationship.

**Component:** Java or C++ APIs

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

---

**DGL4008A Error occurred while deleting item type relationship.**

**Explanation:** An error occurred while deleting an item type relationship.

**Component:** Java or C++ APIs

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

---

**DGL4009A** A description of attribute group is required.

**Explanation:** You must provide the description of this attribute group.

**Component:** Java or C++ APIs

**Action:** Provide the description of the attribute group.

---

**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.

**Component:** Java or C++ APIs

**Action:** Use a different name for the attribute.

---

**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.

**Component:** Java or C++ APIs

**Action:** Use a different name for the item type.

---

**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.

**Component:** Java or C++ APIs

**Action:** Use a different name for the component type.

---

**DGL4013A** Object does not exist.

**Explanation:** You tried to look for an object that does not exist in this library server.

**Component:** Java or C++ APIs

**Action:** Look for a different object.

---

**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.

**Component:** Java or C++ APIs

**Action:** Define the total number of places with a larger value.

---

---

**DGL4016A** Item type relation does not exist in the entity.

**Explanation:** You tried to look for an item type relation that does not exist in this library server.

**Component:** Java or C++ APIs

**Action:** Look for a different item type relation.

---

**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.

**Component:** Java or C++ APIs

**Action:** Use a different item type relation.

---

**DGL4018A** Component ID is not set in the PID.

**Explanation:** This operation requires that a component ID be set in the PID.

**Component:** Java or C++ APIs

**Action:** Set the component ID in the PID and try the operation again.

---

**DGL4019A** Component type ID is not set in the PID.

**Explanation:** This operation requires that a component type ID be set in the PID.

**Component:** Java or C++ APIs

**Action:** Set the component type ID in the PID and try again.

---

**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.

**Component:** Java or C++ APIs

**Action:** Specify a base item type and try again.

---

**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.

**Component:** Java or C++ APIs

**Action:** Specify a root component of an item and try again.

---



---

**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.

**Component:** Java or C++ APIs

**Action:** Check your program for the source item input and try again.

---

**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.

**Component:** Java or C++ APIs

**Action:** Make sure the classification of the source item type is set to document model.

---

**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.

**Component:** Java or C++ APIs

**Action:** Make sure the classification for the target item is set to part type.

---

**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.

**Component:** Java or C++ APIs

**Action:** Do not try to create a user-defined target item type.

---

**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.

**Component:** Java or C++ APIs

**Action:** Correct your input and try again.

---

**DGL4027A** Function limitation: cannot remove resource item and create a new version.

**Explanation:** You cannot remove a versioned resource item.

**Component:** Java or C++ APIs

**Action:** None.

---

**DGL4031A** Cannot move item to the same item type.

**Explanation:** The source and destination item type cannot be the same.

**Component:** Java or C++ APIs

**Action:** Correct your program and try again.

---

**DGL4050A** Unable to start a document routing process.

**Explanation:** An error occurred while starting a Content Manager document routing process.

**Component:** Java or C++ APIs

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

---

**DGL4051A** Unable to terminate a document routing process.

**Explanation:** An error occurred while ending a Content Manager document routing process.

**Component:** Java or C++ APIs

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

---

**DGL4052A** Unable to continue a document routing process.

**Explanation:** An error occurred while continuing a Content Manager document routing process.

**Component:** Java or C++ APIs

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

---

**DGL4053A** Unable to update a work package.

**Explanation:** An error occurred while updating a work package.

**Component:** Java or C++ APIs

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

---

**DGL4054A** Unable to suspend a document routing process.

**Explanation:** An error occurred while suspending a Content Manager document routing process.

**Component:** Java or C++ APIs

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

---

**DGL4055A Unable to resume a document routing process.**

**Explanation:** An error occurred while resuming a Content Manager document routing process.

**Component:** Java or C++ APIs

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

---

**DGL4056A Unable to get work package.**

**Explanation:** An error occurred while retrieving a work package.

**Component:** Java or C++ APIs

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

---

**DGL4057A Unable to get worklist.**

**Explanation:** An error occurred while retrieving a worklist.

**Component:** Java or C++ APIs

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

---

**DGL4058A Unable to get work packages that reference the same document or folder being routed.**

**Explanation:** An error occurred while retrieving a work package.

**Component:** Java or C++ APIs

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

---

**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.

**Component:** Java or C++ APIs

**Action:** Do not set a resume list for this work node.

---

**DGL4100A Unable to locate document routing process with name specified.**

**Explanation:** This Content Manager document routing process does not exist in the database.

**Component:** Java or C++ APIs

**Action:** Add this document routing process to the database.

---

**DGL4101A Cannot locate the start work node in the document routing process specified.**

**Explanation:** A start work node in this Content Manager document routing process does not exist.

**Component:** Java or C++ APIs

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

---

**DGL4102A Cannot locate requested work node.**

**Explanation:** The requested work node does not exist in the document routing process.

**Component:** Java or C++ APIs

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

---

**DGL4103A Cannot locate requested work package.**

**Explanation:** The requested work package does not exist in the database.

**Component:** Java or C++ APIs

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

---

**DGL4104A Attempt to update work node failed.**

**Explanation:** An error occurred while updating a work node.

**Component:** Java or C++ APIs

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

---

**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 Content Manager document routing process.

**Component:** Java or C++ APIs

**Action:** Determine the source of the problem by

noting the additional error information returned, such as the error message, error state, and error code.

---

**DGL4106A** Action code specified is not valid.

**Explanation:** An invalid action code was specified in this document routing process.

**Component:** Java or C++ APIs

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

---

**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.

**Component:** Java or C++ APIs

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

---

**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.

**Component:** Java or C++ APIs

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

---

**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 on the document routing process.

**Component:** Java or C++ APIs

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

---

**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 on the document routing process.

**Component:** Java or C++ APIs

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

---

**DGL4111A** Cannot locate requested worklist.

**Explanation:** The requested worklist does not exist.

**Component:** Java or C++ APIs

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

---

**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.

**Component:** Java or C++ APIs

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

---

**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 Content Manager document routing process.

**Component:** Java or C++ APIs

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

---

**DGL4114A** Error occurred while trying to resume item.

**Explanation:** An error occurred while resuming an item in a Content Manager document routing process.

**Component:** Java or C++ APIs

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

---

**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 Content Manager document routing process.

**Component:** Java or C++ APIs

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

---

**DGL4116A** Error occurred while trying to suspend item.

**Explanation:** An error occurred while suspending an item in a Content Manager document routing process.

**Component:** Java or C++ APIs

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

---

**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.

**Component:** Java or C++ APIs

**Action:** Break the loop in the collection point.

---

**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.

**Component:** Java or C++ APIs

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

---

**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 Content Manager document routing process.

**Component:** Java or C++ APIs

**Action:** Use different nodes for the source and destination.

---

---

**DGL4120A** The route list has duplicate entries.

**Explanation:** You have duplicate entries in the route list.

**Component:** Java or C++ APIs

**Action:** Remove the duplicate entries in the route list.

---

**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.

**Component:** Java or C++ APIs

**Action:** Connect this route in the document routing process.

---

**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.

**Component:** Java or C++ APIs

**Action:** Remove one of the start nodes.

---

**DGL4123A** Routing table cannot be empty.

**Explanation:** You have an empty route list.

**Component:** Java or C++ APIs

**Action:** Add one or more route list entries to this document routing process.

---

**DGL4124A** No end node in this routing table.

**Explanation:** You do not have an end node in your document routing process.

**Component:** Java or C++ APIs

**Action:** Add an end node to this process route list.

---

**DGL4125A** This selection name already exists.

**Explanation:** This selection name already exists in this document routing process.

**Component:** Java or C++ APIs

**Action:** Choose a different selection name.

---

**DGL4126A** One of the node names is empty.

**Explanation:** One of the work nodes does not have a name.

**Component:** Java or C++ APIs

**Action:** Provide a name for this work node.

---

---

**DGL4127A** One of the selection names is empty.

**Explanation:** One of the selections does not have a name.

**Component:** Java or C++ APIs

**Action:** Provide a name for this selection.

---

**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 Content Manager document routing process.

**Component:** Java or C++ APIs

**Action:** Maintain one exit for the collection point.

---

**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.

**Component:** Java or C++ APIs

**Action:** Connect this node to the rest of the route list.

---

**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.

**Component:** Java or C++ APIs

**Action:** Break the loop in the collection point.

---

**DGL4131A** No intermediate node between start node and end node.

**Explanation:** You do not have any intermediate nodes between the start and end nodes.

**Component:** Java or C++ APIs

**Action:** Provide at least one intermediate node.

---

**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.

**Component:** Java or C++ APIs

**Action:** Provide a different name for this node.

---

**DGL4133A** Process is in use.

**Explanation:** You tried to delete a process that contains work packages. You cannot delete a process that has work packages in it.

**Component:** Java or C++ APIs

**Action:** Do not delete this process.

---

**DGL4134A** Work node is in use.

**Explanation:** You tried to delete a work node that is used by work packages, routing steps, or work lists.

**Component:** Java or C++ APIs

**Action:** Do not delete this work node.

---

**DGL4135A** Empty work list.

**Explanation:** This work list contains no work nodes.

**Component:** Java or C++ APIs

**Action:** Add work nodes to this work list.

---

**DGL4150A** Invalid character in name.

**Explanation:** A name can contain only a - z, A - Z, 0 - 9, \_, @, #, or \$.

**Component:** Java or C++ APIs

**Action:** Provide valid characters for this name.

---

**DGL4151A** Need to set item type ID or name.

**Explanation:** An item type ID or name is required for this class.

**Component:** Java or C++ APIs

**Action:** Define an item type ID or name.

---

**DGL4152A** Need to set component type ID or name.

**Explanation:** A component type ID or name is required for this class.

**Component:** Java or C++ APIs

**Action:** Define a component type ID or name.

---

**DGL4153A** An identifier should begin with a letter.

**Explanation:** A name cannot begin with 0 - 9, or an underscore (\_).

**Component:** Java or C++ APIs

**Action:** Provide the valid characters for this name.

---

**DGL4154A** For decimal data type, a precision value is required.

**Explanation:** For the decimal data type, you need to set a precision value.

**Component:** Java or C++ APIs

**Action:** Use the setPrecision method to define a value for the precision.

---

---

**DGL4160A** Component type should be unique in the item type view.

**Explanation:** The component type associated with the component type view already exists in this item type view.

**Component:** Java or C++ APIs

**Action:** Make sure that the component type is unique in the item type view.

---

**DGL4161A** A system defined/reserved component type is used as a child component type.

**Explanation:** You cannot use a system defined or reserved component type name as a child component type name.

**Component:** Java or C++ APIs

**Action:** Use a different child component type name.

---

**DGL4162A** A system defined/reserved attribute is used in the component type.

**Explanation:** You cannot use a system defined or reserved attribute name as the attribute name.

**Component:** Java or C++ APIs

**Action:** Use a different attribute name.

---

**DGL4163A** Document item type cannot be set to text searchable.

**Explanation:** You cannot set a document item type to be enabled for text search.

**Component:** Java or C++ APIs

**Action:** Define this item type as a resource item type if you want to do text search on it.

---

**DGL4164A** You need to define the ICMROOT variable on the system.

**Explanation:** You must define the ICMROOT variable on the system.

**Component:** Java or C++ APIs

**Action:** For NT users: define ICMROOT to the environment variable. For AIX users: edit /home/<DB2INSTANCE>/sql1lib/profile.env file and include this line: DB2ENVLIST='LIBPATH ICMROOT ICMDDL ICMCOMP CMCOMMON'. Then perform the db2stop and db2start commands; DB2 will then use the new variables.

---

---

**DGL4169A** Domain name does not exist.

**Explanation:** The name of this domain is not in the database.

**Component:** Java or C++ APIs

**Action:** Add the domain name to the database.

---

**DGL4170A** Failed to add domain privilege sets.

**Explanation:** An error occurred while adding the privilege sets to this domain.

**Component:** Java or C++ APIs

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

---

**DGL4171A** Failed to remove domain privilege sets.

**Explanation:** An error occurred while removing the privilege sets for this domain.

**Component:** Java or C++ APIs

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

---

**DGL4172A** Failed to add domain access control lists.

**Explanation:** An error occurred while adding the access control list for this domain.

**Component:** Java or C++ APIs

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

---

**DGL4173A** Failed to remove domain access control lists.

**Explanation:** An error occurred while removing the access control lists for this domain.

**Component:** Java or C++ APIs

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

---

**DGL4174A** A 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 his/her privilege set, which forms an access control list rule.

**Component:** Java or C++ APIs

**Action:** Remove this rule from the access control list.

---

**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.

**Component:** Java or C++ APIs

**Action:** Rewrite your query with the proper SORTBY expression. For example, `"/Journal SORTBY (@Title)"`.

---

**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.

**Component:** Java or C++ APIs

**Action:** Rewrite the query string. For example, `"/Journal/Journal_Article"`.

---

**DGL5002A Internal processing error.**

**Explanation:** An internal error occurred.

**Component:** Java or C++ APIs

**Action:** Record the error code from the error log file, and see your IBM service representative.

---

**DGL5003A Must be a logical or set expression.**

**Explanation:** The structure of the query string is incorrect.

**Component:** Java or C++ APIs

**Action:** See *CM/EIP Workstation Application Programming Guide* for the appropriate use of logical and set expressions.

---

**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.

**Component:** Java or C++ APIs

**Action:** 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.

---

**DGL5005A Each part of the query string connected by a set operator (e.g. 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.

**Component:** Java or C++ APIs

**Action:** Correct the query string. For example, `"/Journal UNION /Book[@NumPages = 5]"`.

---

**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.

**Component:** Java or C++ APIs

**Action:** Change the arithmetic expression in the query. For example, `"/Journal[(@NumPages + 7) = 5]"`.

---

**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.

**Component:** Java or C++ APIs

**Action:** Correct the query string. For example, `"/Journal[(@NumPages + 2) = 5]"`.

---

**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.

**Component:** Java or C++ APIs

**Action:** Correct the query string. For example, `"/Journal[@NumPages = 5 AND @Title = \"XML\"]"`.

---

**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".

**Component:** Java or C++ APIs

**Action:** Correct the query string. For example, `"/Journal[Journal_Article/@Classification = 5]`.

---

**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.

**Component:** Java or C++ APIs

**Action:** Correct the query string to properly use the (..) operator. For example, `"/Journal_Article/.."`.

---

**DGL5011A** Internal error.

**Explanation:** An error occurred outside of the Enterprise Information Portal API.

**Component:** Java or C++ APIs

**Action:** Record the error code and see your IBM service representative.

---

**DGL5012A** Cannot refer to a component type view or an attribute without a context (e.g. `"/` 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 `Journal` is invalid.

**Component:** Java or C++ APIs

**Action:** Add a context to the query string. For example, `"/Journal"` or `"/Journal_Article"`.

---

**DGL5013A** Attribute must appear in a 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.

**Component:** Java or C++ APIs

**Action:** Rewrite the query string. For example,

`"/Journal[@Title = \"IBM\"]"` or `"/*[@Title = \"IBM\"]"`.

---

**DGL5014A** Attribute `[nmn]` 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 reverse reference traversal attributes can be dereferenced.

**Component:** Java or C++ APIs

**Action:** Make sure that the query uses the attribute that can be dereferenced.

---

**DGL5015A** A syntax conversion error occurred for the text search string passed to Text Information Extender (TIE).

**Explanation:** The syntax of the text search string is invalid.

**Component:** Java or C++ APIs

**Action:** See the *Workstation Application Programming Guide* and the appropriate TIE documentation.

---

**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.

**Component:** Java or C++ APIs

**Action:** Correct the query string. For example, `"/Journal[contains-text(@Title, \" '5' \")=1]"`.

---

**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.

**Component:** Java or C++ APIs

**Action:** Correct the query string. For example, `"/Journal[@NumPages = 5]"`.

---

**DGL5018A** Comparison of components 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.

**Component:** Java or C++ APIs

**Action:** Correct the query string. For example,



"/Journal[Journal\_Article/@Title = @Title]".

---

**DGL5019A Attribute wildcards 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.

**Component:** Java or C++ APIs

**Action:** Correct the query string. For example, `"/Journal[@NumPages = 5]"`.

---

**DGL5020A Illegal token [nmn] 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.

**Component:** Java or C++ APIs

**Action:** Rewrite your query string. For example, `"/Journal[@NumPages != 5]"`.

---

**DGL5021A The handle requested is not supported from this object.**

**Explanation:** You requested a handle but passed an incorrect handle type.

**Component:** Java or C++ APIs

**Action:** Pass a valid handle type.

---

**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.

**Component:** Java or C++ APIs

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

---

**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.

**Component:** Java or C++ APIs

**Action:** Change the content of a part before updating the part.

---

**DGL5024A Failed in parsing XML response.**

**Explanation:** There is no XML response, or there is an invalid XML response from the resource manager.

**Component:** Java or C++ APIs

**Action:** Retry the operation. If the problem persists, record the return codes and see your system administrator or IBM service representative.

---

**DGL5025A Store content on to the resource manager failed.**

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

**Component:** Java or C++ APIs

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

---

**DGL5026A Invalid http response.**

**Explanation:** An invalid request to the remote server occurred. The http response code is from a remote server.

**Component:** Java or C++ APIs

**Action:** See the error log file for more information.

---

**DGL5027A LDAP protocol error.**

**Explanation:** The LDAP server does not recognize the communications protocol being used.

**Component:** Java or C++ APIs

**Action:** The protocol used for LDAP communications is the standard LDAP protocol. Make sure your LDAP server is configured to use LDAP Version 3.

---

**DGL5028A LDAP timeLimit exceeded.**

**Explanation:** The expected communication with the LDAP server exceeded the time limit specified.

**Component:** Java or C++ APIs

**Action:** You might have network delays. Increase the time-out value for the LDAP server, if possible.

---

**DGL5029A LDAP sizeLimit exceeded.**

**Explanation:** The results exceeded a size limit. For example, the result had more objects than requested by the user.

**Component:** Java or C++ APIs

**Action:** Change the operation causing this exception to be thrown.

---

**DGL5030A Authorization specified is not supported.**

**Explanation:** The LDAP server is not accepting the authorization mechanism specified.

**Component:** Java or C++ APIs

**Action:** Check that the correct authorization mechanism was specified and make sure that the LDAP server supports the authorization.

---

**DGL5031A The current authentication mechanism is not the authentication type which LDAP is expecting.**

**Explanation:** The LDAP server requires a stronger authorization mechanism than the one specified.

**Component:** Java or C++ APIs

**Action:** Check the LDAP server configuration and make sure that the authorization mechanisms defined are supported.

---

**DGL5032A An invalid attribute name was specified.**

**Explanation:** The attribute specified for the user ID is not valid.

**Component:** Java or C++ APIs

**Action:** 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.

---

**DGL5033A Invalid syntax.**

**Explanation:** The query sent to the LDAP server had an unrecognized syntax.

**Component:** Java or C++ APIs

**Action:** Check all LDAP configuration parameters specified when LDAP was configured.

---

**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.

**Component:** Java or C++ APIs

**Action:** Check the Base Distinguished Name (DN) specified in the LDAP server configuration and other LDAP server parameters.

---

**DGL5035A Invalid distinguished name syntax.**

**Explanation:** The LDAP server does not recognize the Distinguished Name (DN) of the user.

**Component:** Java or C++ APIs

**Action:** Check the Base Distinguished Name specified in the LDAP server configuration.

---

**DGL5036A Inappropriate authentication.**

**Explanation:** The required information related to the authentication mechanism specified was not located.

**Component:** Java or C++ APIs

**Action:** Check the LDAP server configuration.

---

**DGL5037A Invalid credentials. Check user name and password.**

**Explanation:** The user name or password does not match the one in the LDAP server.

**Component:** Java or C++ APIs

**Action:** Check the spelling and capitalization of the user name and password.

---

**DGL5038A User ID has insufficient privileges to the LDAP server.**

**Explanation:** The user ID does not have sufficient rights in the LDAP server.

**Component:** Java or C++ APIs

**Action:** Check the access control information in the LDAP server for the specified user ID.

---

**DGL5039A LDAP server busy.**

**Explanation:** The LDAP server cannot service the request at this time.

**Component:** Java or C++ APIs

**Action:** Check the LDAP server limitations.

---

**DGL5040A LDAP server unavailable.**

**Explanation:** The LDAP server cannot be contacted.

**Component:** Java or C++ APIs

**Action:** Check if the LDAP server is up and running.

---

**DGL5041A LDAP server down.**

**Explanation:** The LDAP server cannot be contacted.

**Component:** Java or C++ APIs

**Action:** Check if the LDAP server is up and running.

---

---

**DGL5042A Unknown authentication method.**

**Explanation:** The LDAP server did not recognize the authentication method or mechanism specified.

**Component:** Java or C++ APIs

**Action:** Check the authentication method specified in the LDAP server configuration properties. Also make sure that the LDAP server supports that authentication method.

---

**DGL5043A This type or value already exists.**

**Explanation:** The information being added to the LDAP server is a duplicate of an existing value.

**Component:** Java or C++ APIs

**Action:** Check the information for possible duplicate values.

---

**DGL5044A Unknown LDAP error.**

**Explanation:** An unexpected error occurred when communicating with the LDAP server.

**Component:** Java or C++ APIs

**Action:** Look in the text of the error message for information related to this error.

---

**DGL5045A LDAP: Unknown host error.**

**Explanation:** The LDAP server hostname specified cannot be contacted.

**Component:** Java or C++ APIs

**Action:** Check if the LDAP server hostname specified is valid and accessible.

---

**DGL5046A The Content Manager document model does not support the specified option (such as DK\_CM\_DOCUMENT or DK\_CM\_FOLDER).**

**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`.

**Component:** Java or C++ APIs

**Action:** Use an option that is valid when used with this item type classification, such as `DKConstant.DK_CM_DOCUMENT` or `DK_CM_FOLDER`.

---

**DGL5047A The folder is not a valid folder of the 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 cannot be found in the DDO.

**Component:** Java or C++ APIs

**Action:** Create a valid folder containing the `DK_CM_DKFolder` attribute, which holds a `DKFolder` collection.

---

**DGL5048A The operation you attempted is not allowed in a transaction. Try the action again after the transaction is committed or rolled backed.**

**Explanation:** You tried an operation that is not allowed in a transaction.

**Component:** Java or C++ APIs

**Action:** Try the action again after the transaction is committed or rolled back.

---

**DGL5050A SQL error executing query. XQPE query: [mmm]. Return code: [mmm]. Reason code: [mmm]. Extended return code: [mmm]. Extended reason code: [mmm].**

**Explanation:** An invalid query string was used in the query.

**Component:** Java or C++ APIs

**Action:** Check your query string syntax and correct the syntax. See your IBM service representative, or see the appropriate database manual for information on the return codes.

---

**DGL5051A Invalid access control list binding in system control table. XQPE query: [mmm]. Return code: [mmm]. Reason code: [mmm]. Extended return code: [mmm]. Extended reason code: [mmm].**

**Explanation:** An internal error occurred binding the access control list to the system control table.

**Component:** Java or C++ APIs

**Action:** 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.

---

---

**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.

**Component:** Java or C++ APIs

**Action:** 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.

---

**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.

**Component:** Java or C++ APIs

**Action:** 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.

---

**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.

**Component:** Java or C++ APIs

**Action:** Correct the query string. For example, `"/Journal[contains-text(@Title, \" 'XML' \")=1]"`. Record the return codes and see your IBM service representative.

---

**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 (TIE) to perform text searches.

**Component:** Java or C++ APIs

**Action:** You can start TIE in the command line by entering `db2text start`. Record the return codes and see your IBM service representative.

---

**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.

**Component:** Java or C++ APIs

**Action:** You can enable the database for TIE 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.

---

**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.

**Component:** Java or C++ APIs

**Action:** 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.

---

**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.

**Component:** Java or C++ APIs

**Action:** 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.

---

**DGL5059A** An item with the item ID was not found on the server.

**Explanation:** The system cannot find an item with this item ID.

**Component:** Java or C++ APIs

**Action:** Try a different server or make sure that the correct item ID is specified.

---

**DGL5060A** An item with the version ID was not found on the server.

**Explanation:** The system cannot find an item with this version ID.

**Component:** Java or C++ APIs

**Action:** Try a different server or version, or make sure that the correct version ID is specified.

---

**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.

**Component:** Java or C++ APIs

**Action:** Use the Content Manager return code utility for more information on return codes from the library server. Record the return codes and see your IBM service representative.

---

**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.

**Component:** Java or C++ APIs

**Action:** Use the Content Manager return code utility for more information on return codes from the library server. Record the return codes and see your IBM service representative.

---

**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.

**Component:** Java or C++ APIs

**Action:** Use the Content Manager return code utility for more information on return codes from the library server. Record the return codes and see your IBM service representative.

---

**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.

**Component:** Java or C++ APIs

**Action:** Use the Content Manager return code utility for more information on return codes from the library server. Record the return codes and see your IBM service representative.

---

**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.

**Component:** Java or C++ APIs

**Action:** 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.

---

**DGL5100A** This workflow user does not exist.

**Explanation:** This workflow user is not in the database.

**Component:** Java or C++ APIs

**Action:** Add this workflow user to the database.

---

**DGL5101A This workflow user already exists.**

**Explanation:** An error occurred because this workflow user already exists in the database.

**Component:** Java or C++ APIs

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

---

**DGL5102A This workflow role does not exist.**

**Explanation:** This workflow role is not in the database.

**Component:** Java or C++ APIs

**Action:** Add this workflow role to the database.

---

**DGL5103A This workflow user already exists.**

**Explanation:** An error occurred because this workflow role already exists in the database.

**Component:** Java or C++ APIs

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

---

**DGL5104A Workflow service not available.**

**Explanation:** An error occurred because this workflow service is not available.

**Component:** Java or C++ APIs

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

---

**DGL5105A Workflow service is not connected.**

**Explanation:** An error occurred because this workflow service is not connected.

**Component:** Java or C++ APIs

**Action:** Make sure the workflow server is up and running, and see your IBM service representative.

---

**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.

**Component:** Java or C++ APIs

**Action:** Wait for the item load to complete and then retry the operation.

---

---

**DGL5107A Failed to open connection to resource manager.**

**Explanation:** The resource manager cannot be contacted.

**Component:** Java or C++ APIs

**Action:** Check that the configuration for the resource manager is accurate, and that the resource manager is up and running.

---

**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.

**Component:** Java or C++ APIs

**Action:** Do not try to update this item type property, or see your system administrator to change your privileges.

---

**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.

**Component:** Java or C++ APIs

**Action:** Do not try to update this attribute property, or see your system administrator to change your privileges.

---

**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.

**Component:** Java or C++ APIs

**Action:** Define attributes or attribute groups for this component type view.

---

**DGL5120A Float data type is not supported in library server.**

**Explanation:** The Content Manager library server does not support the float data type.

**Component:** Java or C++ APIs

**Action:** Do not use a float data type.

---

---

**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 Content Manager library server does not support.

**Component:** Java or C++ APIs

**Action:** Define a valid data type; valid data types include:

- Character
- Variable character
- Short integer
- Long integer
- Decimal
- Double
- Date
- Time
- Time stamp
- BLOB
- CLOB

---

**DGL5123A** Error occurred while listing user groups for a particular user.

**Explanation:** An error occurred while listing user groups for a particular user.

**Component:** Java or C++ APIs

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

---

**DGL5124A** User group is in use.

**Explanation:** This user group is being used by another object.

**Component:** Java or C++ APIs

**Action:** Make sure that the user group is not in use by another object.

---

**DGL5130A** Cannot project attributes on component [mmm] because parent component 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.

**Component:** Java or C++ APIs

**Action:** Verify that the child component has parent components above and that these components have projected attributes up to the level of component retrieval.

---

**DGL5131A** Projected attribute [mmm] does not exist in component [mmm].

**Explanation:** You tried to project an attribute that does not exist in this component.

**Component:** Java or C++ APIs

**Action:** Verify that the attribute exists in the component definition in the library server.

---

**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.

**Component:** Java or C++ APIs

**Action:** 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.

---

**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.

**Component:** Java or C++ APIs

**Action:** 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 on return codes.

---

**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.

**Component:** Java or C++ APIs

**Action:** 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.

---

**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).

**Component:** Java or C++ APIs

**Action:** 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.

---

**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.

**Component:** Java or C++ APIs

**Action:** 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.

---

**DGL5137A** Retrieve links failed. Library server reported memory allocation error.

**Explanation:** The library server failed performing the retrieve links operation because it detected an allocation error.

**Component:** Java or C++ APIs

**Action:** 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.

---

**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.

**Component:** Java or C++ APIs

**Action:** 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 on return codes.

---

**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.

**Component:** Java or C++ APIs

**Action:** Change the source DDO of the link to point to a root component.

---

**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.

**Component:** Java or C++ APIs

**Action:** Change the target DDO of the link to point to a root component.

---

**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.

**Component:** Java or C++ APIs

**Action:** Specify a valid link source DDO.

---

**DGL5142A** Link target DDO is not set. Value is NULL. A valid source DDO must be specified.

**Explanation:** The value in the link target DDO is NULL.

**Component:** Java or C++ APIs

**Action:** Specify a valid link target DDO.

---

**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.

**Component:** Java or C++ APIs

**Action:** Change the source or target DDO to reference different items.

---



---

**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.

**Component:** Java or C++ APIs

**Action:** Specify a link type name.

---

**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.

**Component:** Java or C++ APIs

**Action:** 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.

---

**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.

**Component:** Java or C++ APIs

**Action:** Make sure that the Java Security runtime environment of the client has met the requirements of the version of Enterprise Information Portal that is currently running.

---

**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.

**Component:** Java or C++ APIs

**Action:** 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.

---

---

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

**Explanation:** An SMS request to a resource manager failed.

**Component:** Java or C++ APIs

**Action:** Correct any errors indicated in the message and try again.

---

**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.

**Component:** Java or C++ APIs

**Action:** 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.

---

**DGL5164A** Response from resource manager with error(s): [mmm].

**Explanation:** An error occurred after a request was sent to a resource manager.

**Component:** Java or C++ APIs

**Action:** 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.

---

**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.

**Component:** Java or C++ APIs

**Action:** 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.

---

**DGL5166A** Invalid server type [mmm] specified.

**Explanation:** The string specified for the server type is invalid.

**Component:** Java or C++ APIs

**Action:** Correct your program by using server types with a prefix such as SMS\_SERVER\_TYPE\_. See the *online API reference* for information on the use of these types. Try the operation again.

---

---

**DGL5167A Invalid media type [nmn] specified.**

**Explanation:** The string specified for the media type of the storage system is invalid.

**Component:** Java or C++ APIs

**Action:** Correct your program by using media types with a prefix such as SMS\_MEDIA\_TYPE\_. See the *online API reference* for information on the use of these types. Try the operation again.

---

**DGL5168A Invalid server protocol [nmn] specified.**

**Explanation:** The string specified for the communication protocol is invalid.

**Component:** Java or C++ APIs

**Action:** Correct your program by using communication protocols with a prefix such as SMS\_SERVER\_PROTOCOL\_. See the *online API reference* for information on the use of these types. Try the operation again.

---

**DGL5175A Need to specify a name for the 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.

**Component:** Java or C++ APIs

**Action:** Provide a valid name of the target SMS object or entity that you want to access.

---

**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.

**Component:** Java or C++ APIs

**Action:** Valid values are

- Hour: 0 - 24
- Minutes: 0 - 59
- Day: 0 - 7

---

**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.

**Component:** Java or C++ APIs

**Action:** Specify a valid access data and try again.

---

**DGL5178A No target or an invalid resource manager object specified.**

**Explanation:** Either a resource manager was not specified or the object specified is invalid. The logon process cannot proceed.

**Component:** Java or C++ APIs

**Action:** Make sure that the name specified for a target resource manager is valid and defined in library server. Retry the logon.

---

**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.

**Component:** Java or C++ APIs

**Action:** Specify a valid user ID before logging on to a resource manager.

---

**DGL5180A No password specified for logging in to resource manager.**

**Explanation:** To log on to a resource manager, you must provide a valid password for the user ID specified.

**Component:** Java or C++ APIs

**Action:** Specify a valid password for the user ID before logging on to a resource manager.

---

**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.

**Component:** Java or C++ APIs

**Action:** Remove the reference to this attribute group, and then delete the attribute group.

---

**DGL5192A Attribute cannot be updated.**

**Explanation:** You cannot update this attribute because it is associated with other objects.

**Component:** Java or C++ APIs

**Action:** Do not update this attribute.

---

**DGL5193A Attribute cannot be deleted.**

**Explanation:** You cannot delete this attribute because it is associated with other objects.

**Component:** Java or C++ APIs

**Action:** Do not delete this attribute.

---

---

**DGL5194A** Get is not a supported method. 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.

**Component:** Java or C++ APIs

**Action:** Use the retrieve method.

---

**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.

**Component:** Java or C++ APIs

**Action:** 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.

---

**DGL5200A** Error defining or changing text index on component type [nnn]. TIE 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.

**Component:** Java or C++ APIs

**Action:** See the appropriate DB2 Text Information Extender (TIE) manuals for more information on the return code or see your IBM service representative.

---

**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.

**Component:** Java or C++ APIs

**Action:** Set the password for the user ID that you want to use to administer text indexes with DB2 Text Information Extender (TIE).

---

---

**DGL5202A** The password has expired for the user ID used to administer text indexes.

**Explanation:** The password for this user ID has expired.

**Component:** Java or C++ APIs

**Action:** Reset the password for the user ID that you want to use to administer text indexes with DB2 Text Information Extender (TIE).

---

**DGL5203A** The password is invalid for the user ID used to administer text indexes.

**Explanation:** You entered an invalid password for this user ID.

**Component:** Java or C++ APIs

**Action:** 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 (TIE).

---

**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.

**Component:** Java or C++ APIs

**Action:** Make sure that the specified component type exists in the system.

---

**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.

**Component:** Java or C++ APIs

**Action:** See the appropriate DB2 Text Information Extender (TIE) manuals for more information on the return code or see your IBM service representative.

---

**DGL5217A** Time stamp cannot be null.

**Explanation:** You specified a NULL time stamp value.

**Component:** Java or C++ APIs

**Action:** Define a valid value for the time stamp.

---

---

**DGL5218A** Attribute data is null and 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.

**Component:** Java or C++ APIs

**Action:** Specify a value for the attribute.

---

**DGL5219A** Attribute data is not an integer type.

**Explanation:** The attribute is defined as an integer type, but the value or data for the attribute is not a valid integer object.

**Component:** Java or C++ APIs

**Action:** Define a valid integer object for this attribute.

---

**DGL5220A** Attribute data is not a short type.

**Explanation:** The attribute is defined as a short type, but the value or data for the attribute is not a valid short object.

**Component:** Java or C++ APIs

**Action:** Define a valid short object for this attribute.

---

**DGL5221A** Attribute data is not a float type.

**Explanation:** The attribute is defined as float type, but the value or data for the attribute is not a valid float object.

**Component:** Java or C++ APIs

**Action:** Define a valid float object for this attribute.

---

**DGL5222A** Attribute data is not a decimal type.

**Explanation:** The attribute is defined as decimal type, but the value or data for the attribute is not a valid decimal object.

**Component:** Java or C++ APIs

**Action:** Define a valid decimal object for this attribute.

---

**DGL5223A** Attribute data is not a double type.

**Explanation:** The attribute is defined as double type, but the value or data for the attribute is not a valid double object.

**Component:** Java or C++ APIs

**Action:** Define a valid double object for this attribute.

---

---

**DGL5224A** Attribute data is not the correct date type.

**Explanation:** The attribute is defined as date type, but the value or data for the attribute is not a valid date object.

**Component:** Java or C++ APIs

**Action:** Define a valid date object for this attribute.

---

**DGL5225A** Attribute data is not the correct time type.

**Explanation:** The attribute is defined as time type, but the value or data for the attribute is not a valid time object.

**Component:** Java or C++ APIs

**Action:** Define a valid time object for this attribute.

---

**DGL5226A** Attribute data is not the correct timestamp type.

**Explanation:** The attribute is defined as timestamp type, but the value or data for the attribute is not a valid timestamp object.

**Component:** Java or C++ APIs

**Action:** Define a valid timestamp object for this attribute.

---

**DGL5227A** Attribute data is not a binary type.

**Explanation:** The attribute is defined as binary type, but the value or data for the attribute is not a valid binary object.

**Component:** Java or C++ APIs

**Action:** Define a valid binary object for this attribute.

---

**DGL5228A** Attribute data is a string type.

**Explanation:** The attribute is defined as string type, but the value or data for the attribute is not a valid string object.

**Component:** Java or C++ APIs

**Action:** Define a valid string object for this attribute.

---

**DGL5229A** Component [nnn] is not in DKChildCollection of component [nnn].

**Explanation:** The child collection is equal to null or is not of type DKChildCollection.

**Component:** Java or C++ APIs

**Action:** Make sure that the child collection is not null and is of type DKChildCollection.

---

---

**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.

**Component:** Java or C++ APIs

**Action:** Specify a number of child components that is within the range between the minimum and maximum numbers of child components you specified.

---

**DGL5231A** Cardinality and number of component IDs do not match in the child component collection.

**Explanation:** An internal error occurred.

**Component:** Java or C++ APIs

**Action:** Record the return code and see your system administrator or IBM service representative.

---

**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.

**Component:** Java or C++ APIs

**Action:** Make sure that all DDOs are of the same type.

---

**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.

**Component:** Java or C++ APIs

**Action:** Specify an item type name for this object.

---

**DGL5234A** Object name [nnn] is neither a valid item type nor component type name. A valid item type name was expected.

**Explanation:** The object name should be a valid item type name.

**Component:** Java or C++ APIs

**Action:** Specify a valid item type name for the object.

---

---

**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.

**Component:** Java or C++ APIs

**Action:** Verify that the projection list includes the component being retrieved together with all other necessary components.

---

**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").

**Component:** Java or C++ APIs

**Action:** Verify all projection strings.

---

**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.

**Component:** Java or C++ APIs

**Action:** Reduce the size of the attribute and try the operation again.

---

**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.

**Component:** Java or C++ APIs

**Action:** You should have at least one item in the collection.

---

**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.

**Component:** Java or C++ APIs

**Action:** Set the system attributes or user attributes option.

---

---

**DGL5240A** Cannot perform retrieve operation against a NULL DDO.

**Explanation:** The DDO was NULL, so the retrieve operation failed.

**Component:** Java or C++ APIs

**Action:** Correct your program to retrieve a valid DDO.

---

**DGL5241A** Object type is not set in PID.

**Explanation:** A valid persistent ID should contain an object type name.

**Component:** Java or C++ APIs

**Action:** Set the object type in the PID and retry the operation.

---

**DGL5242A** Internal error occurred. On update, the library server reported that a DDO of component type ID [mmm] 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 [mmm], not [mmm].

**Explanation:** An internal error occurred.

**Component:** Java or C++ APIs

**Action:** Record the information in the error log file and see your IBM service representative.

---

**DGL5243A** The component ID cannot be retrieved in this DDO because it is NULL.

**Explanation:** The component ID in the DDO is NULL and cannot be retrieved.

**Component:** Java or C++ APIs

**Action:** Correct the component ID in your program.

---

**DGL5244A** Privilege name cannot be NULL.

**Explanation:** A privilege name cannot be NULL.

**Component:** Java or C++ APIs

**Action:** Define a privilege name.

---

**DGL5245A** Property ID is NULL.

**Explanation:** A property name cannot be NULL.

**Component:** Java or C++ APIs

**Action:** Define a property ID.

---

---

**DGL5246A** AttrGroup member name cannot be NULL.

**Explanation:** An attribute group member name cannot be NULL.

**Component:** Java or C++ APIs

**Action:** Define an attribute group member name.

---

**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.

**Component:** Java or C++ APIs

**Action:** Specify a number of child components that is within the range between the minimum and maximum numbers of child components you have specified.

---

**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.

**Component:** Java or C++ APIs

**Action:** Do not add another target external table to this foreign key.

---

**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.

**Component:** Java or C++ APIs

**Action:** Do not add another target component type to this foreign key.

---

---

**DGL5250A Not a valid SMS collection.**

**Explanation:** This collection does not exist in the library server.

**Component:** Java or C++ APIs

**Action:** Set the valid collection that exists in the library server.

---

**DGL5252A I/O error.**

**Explanation:** An internal error occurred.

**Component:** Java or C++ APIs

**Action:** See your IBM service representative.

---

**DGL5253A Text search string is empty.**

**Explanation:** An empty string was supplied to a query for text search purposes.

**Component:** Java or C++ APIs

**Action:** Supply one or more text search terms inside the text search string.

---

**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.

**Component:** Java or C++ APIs

**Action:** Move the object(s) to other domain(s) and retry the operation.

---

**DGL5255A A user name was not specified.**

**Explanation:** You must specify a user name.

**Component:** Java or C++ APIs

**Action:** Specify a user name.

---

**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.

**Component:** Java or C++ APIs

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

---

---

**DGL5257A Updating of auto-links failed: [nnn].**

**Explanation:** The system failed to update the auto-links.

**Component:** Java or C++ APIs

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

---

**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.

**Component:** Java or C++ APIs

**Action:** 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.

---

**DGL5260A The user token [nnn] sent to the server was invalid.**

**Explanation:** The user token generated during logon was corrupted.

**Component:** Java or C++ APIs

**Action:** See the error log for error and tracing information, record the return code, and see your system administrator.

---

**DGL5261A DB2 Text Information Extender (TIE) must be installed to perform text search operations.**

**Explanation:** You tried to create a text index, but TIE was not installed on the server. TIE is required to do text search.

**Component:** Java or C++ APIs

**Action:** Install TIE on the library server. See *Planning and Installing Enterprise Information Portal* for information about how to install TIE on the library server.

---

**DGL5262A An illegal action was attempted in the callbackExecute() thread. No OO API calls are allowed from the callbackExecute thread.**

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

**Component:** Java or C++ APIs

---

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

---

**DGL5263A Invalid syntax of the query string [nnn].**

**Explanation:** The syntax of the supplied query string does not conform to the supported specification.

**Component:** Java or C++ APIs

**Action:** See *Workstation Application Programming Guide Version 8 Release 1* for grammar, syntax, proper usage, and examples of the query language.

---

**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.

**Component:** Java or C++ APIs

**Action:** See *Workstation Application Programming Guide Version 8 Release 1* for query grammar, syntax, proper usage, and examples of the query language.

---

**DGL5265A A query string cannot be empty or NULL.**

**Explanation:** An empty or NULL query string is invalid.

**Component:** Java or C++ APIs

**Action:** Make sure that the query string that you attempt to execute is valid. For example, `"/Journal [@NumPages > 50]"`.

---

**DGL5266A The ESCAPE clause %1 is not valid with operator %2.**

**Explanation:** An escape expression can only be given with the LIKE operator.

**Component:** Java or C++ APIs

**Action:** Correct the query string. See *Workstation Application Programming Guide Version 8 Release 1* for query grammar, syntax, proper usage, and examples.

---

**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 an underscore.

**Component:** Java or C++ APIs

**Action:** Correct the query string. See *Workstation Application Programming Guide Version 8 Release 1* for query grammar, syntax, proper usage, and examples.

---

**DGL5268A DKCQExpr combined query expression is NULL.**

**Explanation:** The whole combined query expression commonly used with Federated queries is not set.

**Component:** Java or C++ APIs

**Action:** Verify that the combined query expression is properly constructed and passed in.

---

**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.

**Component:** Java or C++ APIs

**Action:** Set the string term to contain the text search condition for this query term.

---

**DGL5270A Internal error related to processing backward traversal of references in query.**

**Explanation:** An internal error occurred.

**Component:** Java or C++ APIs

**Action:** See your system administrator or IBM service representative.

---

**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.

**Component:** Java or C++ APIs

**Action:** See *Workstation Application Programming Guide Version 8 Release 1* for query grammar, syntax, proper usage, and examples.

---

**DGL5272A Internal error related to processing forward traversal of references in query.**

**Explanation:** An internal error occurred.

**Component:** Java or C++ APIs

**Action:** See your system administrator or IBM service representative.

---

**DGL5273A Improper usage of forward traversal of references in query.**

**Explanation:** An internal error occurred.

**Component:** Java or C++ APIs

**Action:** See *Workstation Application Programming Guide*



Version 8 Release 1 for query grammar, syntax, proper usage, and examples.

---

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

**Explanation:** A system call interrupted the communication.

**Component:** Java or C++ APIs

**Action:** Retry the connection.

---

**DGL5301A** Invalid file descriptor. The file descriptor is no longer valid.

**Explanation:** You used an invalid file descriptor.

**Component:** Java or C++ APIs

**Action:** Correct the file descriptor to be valid. Check the communication status.

---

**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.

**Component:** Java or C++ APIs

**Action:** Create the socket with the SO\_BROADCAST parameter enabled.

---

**DGL5303A** Invalid address.

**Explanation:** The remote address is not usable.

**Component:** Java or C++ APIs

**Action:** Make sure the address (inetaddr) is valid.

---

**DGL5304A** Invalid argument.

**Explanation:** An argument provided for the socket call is invalid.

**Component:** Java or C++ APIs

**Action:** Make sure your settings are correct.

---

**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.

**Component:** Java or C++ APIs

---

**Action:** Close any unused sockets to make more sockets available.

---

**DGL5306A** The operation of changing the socket from a non-blocking one to a blocking one cannot be completed immediately.

**Explanation:** You cannot complete your communication because another socket is blocking your communication attempt.

**Component:** Java or C++ APIs

**Action:** Wait until the current operation is complete and retry the operation.

---

**DGL5307A** A socket blocking function is in progress.

**Explanation:** You cannot complete your communication because the socket is blocking.

**Component:** Java or C++ APIs

**Action:** Retry the operation.

---

**DGL5308A** Operation in progress.

**Explanation:** An operation was tried on a committed socket.

**Component:** Java or C++ APIs

**Action:** Wait until the current operation is complete and retry the operation.

---

**DGL5309A** Invalid socket.

**Explanation:** You tried an action against an invalid socket.

**Component:** Java or C++ APIs

**Action:** Make sure the connection is valid and try the action again.

---

**DGL5310A** Destination address required.

**Explanation:** A host address was not set.

**Component:** Java or C++ APIs

**Action:** Set the address of the destination hostname.

---

**DGL5311A** Message too large.

**Explanation:** The socket buffer is too small to hold the information.

**Component:** Java or C++ APIs

**Action:** Increase the buffer size.

---

---

**DGL5312A Protocol invalid for this socket type.**

**Explanation:** Not all protocols are supported for each socket type.

**Component:** Java or C++ APIs

**Action:** Use the correct socket type.

---

**DGL5313A Protocol unavailable on this system.**

**Explanation:** This protocol is not available on the network subsystem.

**Component:** Java or C++ APIs

**Action:** Use a valid protocol.

---

**DGL5314A Protocol not supported.**

**Explanation:** This protocol is not supported by the network subsystem.

**Component:** Java or C++ APIs

**Action:** Verify the supported protocols for your network subsystem.

---

**DGL5315A Socket type not supported.**

**Explanation:** This socket type is not supported by the network subsystem.

**Component:** Java or C++ APIs

**Action:** Use an alternative socket type.

---

**DGL5316A Operation not supported against socket.**

**Explanation:** You cannot perform the specified operation on this type of socket.

**Component:** Java or C++ APIs

**Action:** Use a socket that supports this operation.

---

**DGL5317A Protocol family not supported.**

**Explanation:** This protocol family is not supported by the network subsystem.

**Component:** Java or C++ APIs

**Action:** Verify what protocol families are supported by your network subsystem.

---

**DGL5318A Address family not supported by protocol family.**

**Explanation:** You used an invalid combination for family and address.

**Component:** Java or C++ APIs

**Action:** Verify what family and address pairs are supported by your network subsystem.

---

---

**DGL5319A Local address already in use.**

**Explanation:** The address is in use and cannot be used at this time.

**Component:** Java or C++ APIs

**Action:** Check that no one is using the port and retry the connection.

---

**DGL5320A Remote address or port not available.**

**Explanation:** No listener is available at the specified address and port.

**Component:** Java or C++ APIs

**Action:** Make sure that the host is functioning.

---

**DGL5321A TCP/IP subsystem failure.**

**Explanation:** Unable to access the TCP/IP subsystem.

**Component:** Java or C++ APIs

**Action:** Make sure that the subsystem is started and functioning.

---

**DGL5322A The network cannot be reached. No path was found to the network.**

**Explanation:** No path was found to the network.

**Component:** Java or C++ APIs

**Action:** Check your network connections.

---

**DGL5323A Connection dropped on reset.**

**Explanation:** The socket was closed because of a reset operation.

**Component:** Java or C++ APIs

**Action:** Establish a new connection.

---

**DGL5324A Session ended by local address because of transmission failure.**

**Explanation:** The session ended without acknowledgment.

**Component:** Java or C++ APIs

**Action:** Retry the connection.

---

**DGL5325A Session forcefully closed by remote host.**

**Explanation:** The host closed the connection before it was expected to. The server might have stopped.

**Component:** Java or C++ APIs

**Action:** Retry the connection.

---

---

**DGL5326A Remote address forcefully rejected connection request. No listener on the port.**

**Explanation:** No listener was available on the port.

**Component:** Java or C++ APIs

**Action:** Make sure that the host is listening on the specified port.

---

**DGL5327A No more buffer space is available.**

**Explanation:** The socket buffer is full.

**Component:** Java or C++ APIs

**Action:** Increase the buffer size.

---

**DGL5328A The socket is already connected.**

**Explanation:** This socket is already connected.

**Component:** Java or C++ APIs

**Action:** None.

---

**DGL5329A The socket is not connected.**

**Explanation:** An attempt was made to use an unconnected socket.

**Component:** Java or C++ APIs

**Action:** Connect the socket before using it.

---

**DGL5330A Cannot send data after socket shutdown.**

**Explanation:** A shutdown call was made to the socket. No data was sent.

**Component:** Java or C++ APIs

**Action:** Retry sending the data after the host is back online.

---

**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.

**Component:** Java or C++ APIs

**Action:** Provide more resources to handle the references.

---

**DGL5332A Connection timed out or session dropped because of remote failure.**

**Explanation:** The server did not respond within the specified time-out period.

**Component:** Java or C++ APIs

**Action:** Increase the value of the time-out period, or

---

make sure that the host is functioning. Retry the connection.

---

**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.

**Component:** Java or C++ APIs

**Action:** Define a path with less network symbolic links.

---

**DGL5334A File name is too long.**

**Explanation:** The system cannot use a file name that is too long.

**Component:** Java or C++ APIs

**Action:** Use a shorter file name.

---

**DGL5335A The host is down.**

**Explanation:** The host is not responding.

**Component:** Java or C++ APIs

**Action:** Check the host name and retry the connection at a later time.

---

**DGL5336A No network route to the host.**

**Explanation:** The host is on a separate network and no path can be found.

**Component:** Java or C++ APIs

**Action:** Check the access to the host network.

---

**DGL5337A Session disconnected.**

**Explanation:** The socket successfully disconnected.

**Component:** Java or C++ APIs

**Action:** None.

---

**DGL5338A The host (key) was not found. No such host is known.**

**Explanation:** No such host is known.

**Component:** Java or C++ APIs

**Action:** Try the inetaddr address instead of the host name.

---

---

**DGL5339A** **Non-authoritative host was not found; the name service might not be functioning. This is usually a temporary error during hostname 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.

**Component:** Java or C++ APIs

**Action:** Make sure that the Domain Name Server (DNS) is functioning and the host name is valid.

---

**DGL5340A** **Non-recoverable error; the name service might not be functioning.**

**Explanation:** A non-recoverable error occurred during name resolution.

**Component:** Java or C++ APIs

**Action:** Make sure that Domain Name System (DNS) is functioning properly.

---

**DGL5341A** **When a client tries to consult the Domain Name System (DNS) server to figure out the IP address of a hostname, 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.

**Component:** Java or C++ APIs

**Action:** Use the dot notated address.

---

**DGL5348A** **WSAStartup (Windows socket) failed; the network subsystem is not usable.**

**Explanation:** An unrecoverable error occurred trying to start the network subsystem.

**Component:** Java or C++ APIs

**Action:** Make sure that the network subsystem is installed properly.

---

**DGL5349A** **WSAStartup (Windows socket) failed; socks version not supported.**

**Explanation:** The version of your Windows Socket software is not supported.

**Component:** Java or C++ APIs

**Action:** You must upgrade to a newer version of Windows Socket software.

---

---

**DGL5350A** **WSAStartup (Windows socket) was not called successfully.**

**Explanation:** Starting the socks server was interrupted.

**Component:** Java or C++ APIs

**Action:** Check the level of your Windows Socket software.

---

**DGL5351A** **Access denied.**

**Explanation:** The system is unable to access this object. The object here may be a file or device.

**Component:** Java or C++ APIs

**Action:** Retry the operation and if the problem persists, see your system administrator.

---

**DGL5352A** **Cannot create file when it already exists.**

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

**Component:** Java or C++ APIs

**Action:** Change the file creation flags.

---

**DGL5353A** **The specified device name is invalid.**

**Explanation:** The name provided for the device is not correct.

**Component:** Java or C++ APIs

**Action:** Check the device name.

---

**DGL5354A** **The system cannot find the device specified.**

**Explanation:** The device is not available or is not functioning properly.

**Component:** Java or C++ APIs

**Action:** Check the status of the device.

---

**DGL5355A** **The file name is too long.**

**Explanation:** The system cannot use a file name that is too long.

**Component:** Java or C++ APIs

**Action:** Make the file name shorter.

---

**DGL5356A** **The requested resource is in use.**

**Explanation:** The file or resource is in use.

**Component:** Java or C++ APIs

**Action:** Check the resource status and make sure the resource was closed properly.

---

---

**DGL5357A** The directory or file cannot be created.

**Explanation:** The disk might be full or you might not have permission to the disk.

**Component:** Java or C++ APIs

**Action:** Check the disk usage to make sure that the disk is not full; verify whether you have permission to the disk.

---

**DGL5358A** The file cannot be accessed by the system.

**Explanation:** The requested resource is in use.

**Component:** Java or C++ APIs

**Action:** Make sure that the file is not corrupt.

---

**DGL5359A** The directory name is invalid.

**Explanation:** The provided directory name cannot be found.

**Component:** Java or C++ APIs

**Action:** Make sure that the directory exists.

---

**DGL5360A** There is not enough space on the disk.

**Explanation:** The file is larger than the available space.

**Component:** Java or C++ APIs

**Action:** Free up unused space or provide additional storage.

---

**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.

**Component:** Java or C++ APIs

**Action:** None.

---

**DGL5362A** The file already exists.

**Explanation:** A file with the same name was found.

**Component:** Java or C++ APIs

**Action:** Change the file creation flags or save the file under a different name.

---

**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.

**Component:** Java or C++ APIs

**Action:** Check the size of the file.

---

---

**DGL5364A** The system cannot find the file specified.

**Explanation:** The path, filename, or the full file name is not correct.

**Component:** Java or C++ APIs

**Action:** Check the directory path and file name.

---

**DGL5365A** The filename or extension is too long.

**Explanation:** The system cannot use a file name or extension that is too long.

**Component:** Java or C++ APIs

**Action:** Make the file name or extension shorter.

---

**DGL5366A** The disk is full.

**Explanation:** The file is larger than the available space.

**Component:** Java or C++ APIs

**Action:** Free up unused space or provide additional storage.

---

**DGL5367A** The end of file was reached.

**Explanation:** An end of file (EOF) was reached before it was expected.

**Component:** Java or C++ APIs

**Action:** Check the file creation and verify that it was created properly.

---

**DGL5368A** The system cannot find the drive specified.

**Explanation:** The drive is either not functioning or is invalid.

**Component:** Java or C++ APIs

**Action:** Make sure that the drive is functioning properly.

---

**DGL5369A** The request failed because of an I/O device error.

**Explanation:** The device is not functioning properly.

**Component:** Java or C++ APIs

**Action:** Check the media.

---

**DGL5370A** Invalid memory access.

**Explanation:** The reference to an object in memory is invalid.

**Component:** Java or C++ APIs

**Action:** Check that the object has been instantiated properly.

---

---

**DGL5371A** The specified disk cannot be accessed.  
**Explanation:** The disk might be corrupted or invalid.  
**Component:** Java or C++ APIs  
**Action:** Check the disk, and check the specified path.

---

**DGL5372A** Not enough storage is available to process this command.  
**Explanation:** The system is out of memory.  
**Component:** Java or C++ APIs  
**Action:** Free up unused memory.

---

**DGL5373A** The device is not ready.  
**Explanation:** The device is functioning, but not ready for the specified action.  
**Component:** Java or C++ APIs  
**Action:** Check the media that is trying to perform the read operation, or wait until the current operation is complete.

---

**DGL5374A** The system cannot open the device or file specified.  
**Explanation:** The device or file is in use by another process.  
**Component:** Java or C++ APIs  
**Action:** Wait until the current operation is complete.

---

**DGL5376A** Insufficient system resources.  
**Explanation:** The operation requires additional resources.  
**Component:** Java or C++ APIs  
**Action:** Provide additional resources or free up existing resources.

---

**DGL5377A** The system cannot find the specified path.  
**Explanation:** The path is invalid.  
**Component:** Java or C++ APIs  
**Action:** Check the path.

---

**DGL5378A** The system cannot read from the specified device.  
**Explanation:** The device is not functioning properly.  
**Component:** Java or C++ APIs  
**Action:** Make sure the device is ready.

---

---

**DGL5379A** The drive cannot locate a track on the disk.  
**Explanation:** The disk might be corrupted.  
**Component:** Java or C++ APIs  
**Action:** Check the media.

---

**DGL5380A** The file pointer cannot be set to the specified device or file.  
**Explanation:** The device or file is not valid.  
**Component:** Java or C++ APIs  
**Action:** Use a new file name or device.

---

**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.  
**Component:** Java or C++ APIs  
**Action:** Increase the stack size.

---

**DGL5382A** Error performing inpage operation.  
**Explanation:** An inpage operation failed. The system memory might be low.  
**Component:** Java or C++ APIs  
**Action:** Increase the system memory.

---

**DGL5383A** The system cannot open more files.  
**Explanation:** No more file pointers are available.  
**Component:** Java or C++ APIs  
**Action:** Increase the system memory.

---

**DGL5384A** Invalid operation on a file with a user-mapped section opened.  
**Explanation:** A user-mapped file is open and cannot be used.  
**Component:** Java or C++ APIs  
**Action:** Close the file or change the share flags.

---

**DGL5385A** The system cannot write to the specified device.  
**Explanation:** The device is not available or is not functioning properly.  
**Component:** Java or C++ APIs  
**Action:** Check the status of the device.

---

---

**DGL5386A** The media is write-protected.

**Explanation:** The device is locked for writing.

**Component:** Java or C++ APIs

**Action:** Change the protection level for the media.





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## Chapter 7. API messages, DGL7087 - DGL7182

You might receive any of the following messages from the Enterprise Information Portal APIs. The Content Management Information Center search looks for full words. You need to enter the entire word that you want to find. When searching for messages, enter the full message number, including the prefix. For example, to find information on DGL1234A, enter DGL1234A. To find information on a message that has only a number, enter the number.

---

**DGL7087A** Unknown component type view name [nnn].

**Explanation:** The system does not recognize this component type view name.

**Component:** Java or C++ APIs

**Action:** Check the spelling of the component type view name or make sure that this component type view exists in the system.

---

**DGL7088A** Unknown component type view ID [nnn].

**Explanation:** This component type view ID is unknown to the system.

**Component:** Java or C++ APIs

**Action:** Make sure that this component type view ID exists in the system.

---

**DGL7089A** Unknown attribute name [nnn].

**Explanation:** This attribute name is unknown to the system.

**Component:** Java or C++ APIs

**Action:** Check the spelling of the attribute name or make sure that this attribute name exists in the system.

---

**DGL7090A** Unknown reference attribute name [nnn].

**Explanation:** The attribute name being referenced is unknown to the system.

**Component:** Java or C++ APIs

**Action:** Check the spelling of the attribute name or make sure that the attribute name being referenced exists in the system.

---

**DGL7091A** Unknown reference attribute ID [nnn].

**Explanation:** The attribute ID being referenced is unknown to the system.

**Component:** Java or C++ APIs

**Action:** Make sure that the attribute ID being referenced exists in the system.

---

**DGL7092A** Cannot join component type view with ID [nnn] with component type view with ID [nnn].

**Explanation:** An internal error occurred

**Component:** Java or C++ APIs

**Action:** See your IBM service representative.

---

**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.

**Component:** Java or C++ APIs

**Action:** See your IBM service representative.

---

**DGL7094A** Left component type view can be internally defined in AFTER\_REFERENCE\_STATUS for forward reference traversal. Left ID is [nnn].

**Explanation:** An internal error occurred.

**Component:** Java or C++ APIs

**Action:** See your IBM service representative.

---

**DGL7095A** Invalid right internal query component type view with ID [nnn] for forward traversal of references.

**Explanation:** An internal error occurred.

**Component:** Java or C++ APIs

**Action:** See your IBM service representative.

---

**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.

**Component:** Java or C++ APIs

**Action:** Check your query for the incorrect use of attributes.

---

**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.

**Component:** Java or C++ APIs

**Action:** Check your query for the incorrect use of references.

---

**DGL7098A Cannot convert from internal query attribute ID [nnn] to the system attribute ID defined in the datastore.**

**Explanation:** An internal error occurred.

**Component:** Java or C++ APIs

**Action:** See your IBM service representative.

---

**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.

**Component:** Java or C++ APIs

**Action:** 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"`.

---

**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.

**Component:** Java or C++ APIs

**Action:** 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"`.

---

**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.

**Component:** Java or C++ APIs

**Action:** See your IBM service representative.

---

**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.

**Component:** Java or C++ APIs

**Action:** Change the query string to use the appropriate component type view as the source of a reference traversal. For example, `"/Book/REFERENCEDBY/@REFERENCER => *"`.

---

**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.

**Component:** Java or C++ APIs

**Action:** See your IBM service representative.

---

**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.

**Component:** Java or C++ APIs

**Action:** See your IBM service representative.

---

**DGL7105A Unknown PID attribute with ID [nmn].**

**Explanation:** An internal error occurred. Examples of persistent ID (PID) attributes are ITEMID, COMPONENTID, and VERSIONID.

**Component:** Java or C++ APIs

**Action:** See your IBM service representative.

---

**DGL7106A The component type view [nmn] 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.

**Component:** Java or C++ APIs

**Action:** 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]"`.

---

**DGL7107A A component type view [nmn] 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.

**Component:** Java or C++ APIs

**Action:** Recreate this Document item type or see your IBM service representative.

---

**DGL7108A DKQExpr expression is NULL.**

**Explanation:** One of the query expressions was not set in a combined query object.

**Component:** Java or C++ APIs

**Action:** Check the structure of the query object.

---

**DGL7109A Invalid DKQExpr: One of the children expressions is required, but is set to NULL for operator [nmn].**

**Explanation:** For example, if two query expressions are connected with an OR operator, neither one of these expressions can be NULL.

**Component:** Java or C++ APIs

**Action:** Check the structure of the query object.

---

---

**DGL7110A Invalid operator [nmn] between DKQExpr expressions. Only AND and OR are allowed.**

**Explanation:** Only the listed operators can connect query expressions in the query object.

**Component:** Java or C++ APIs

**Action:** Use one of the supported operators, AND or OR.

---

**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.

**Component:** Java or C++ APIs

**Action:** Check the structure of the query object.

---

**DGL7112A No subexpression or more than one subexpression was specified for a query.**

**Explanation:** Only a single subexpression is supported for a query expression.

**Component:** Java or C++ APIs

**Action:** Change your query object such that no query expression contains more than one subexpression.

---

**DGL7113A Subexpression for query is NULL.**

**Explanation:** A subexpression of a query expression has not been set.

**Component:** Java or C++ APIs

**Action:** Change your query object such that its query expressions contain appropriate subexpressions.

---

**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.

**Component:** Java or C++ APIs

**Action:** 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.

---

**DGL7115A Query term DKQTerm for text search expression is NULL.**

**Explanation:** The term of the query expression for text search was not set properly.

**Component:** Java or C++ APIs

**Action:** Verify the proper structure of the query object.

---

---

**DGL7116A Query term has to be a leaf term for text search.**

**Explanation:** Only a flat, non-hierarchical text search query term is supported.

**Component:** Java or C++ APIs

**Action:** Change your query object to contain a simple leaf text search term.

---

**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.

**Component:** Java or C++ APIs

**Action:** 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.

---

**DGL7118A Invalid DKQTerm: Attribute values not specified.**

**Explanation:** This query term requires one or more attribute values to be specified.

**Component:** Java or C++ APIs

**Action:** Change the query object by adding the appropriate number of values for attributes to the query term.

---

**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.

**Component:** Java or C++ APIs

**Action:** Specify the appropriate number of attribute values for this operator.

---

**DGL7120A Invalid DKQTerm: Attribute name or 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.

**Component:** Java or C++ APIs

**Action:** Change the query term to either represent a

parent for other terms or to be a leaf term with an attribute condition.

---

**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.

**Component:** Java or C++ APIs

**Action:** Set both children terms inside of this query term or choose a different operator.

---

**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.

**Component:** Java or C++ APIs

**Action:** Specify only one child term inside of this query term or use a different operator.

---

**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.

**Component:** Java or C++ APIs

**Action:** Specify one child term inside of this query term or use a different operator.

---

**DGL7124A A resulting component type view [nnn] cannot be in BEFORE\_REFERENCE\_STATUS.**

**Explanation:** An internal error occurred.

**Component:** Java or C++ APIs

**Action:** See your IBM service representative.

---

**DGL7125A Cannot set invalid referenceStatus [nnn] for ComponentTableAlias.**

**Explanation:** An internal error occurred.

**Component:** Java or C++ APIs

**Action:** See your IBM service representative.

---

**DGL7126A Cannot set invalid referenceAttrID = [nnn] for ComponentTableAlias.**

**Explanation:** An internal error occurred.

**Component:** Java or C++ APIs

**Action:** See your IBM service representative.

---

**DGL7127A** DOTDOT operator cannot appear as the target of the dereference for forward traversal of references. For example, a query like  
"/Conference/Conference\_Note/  
@SYSREFERENCEATTRS =>.." is invalid because ".." cannot be the target of the reference. Only "\*" or 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.

**Component:** Java or C++ APIs

**Action:** 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".

---

**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.

**Component:** Java or C++ APIs

**Action:** Remove the (..) from the query string.

---

**DGL7129A** The internal query component type views [mmm] 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.

**Component:** Java or C++ APIs

**Action:** Add a parent component type view to the query. For example, "Book/REFERENCEDBY/@REFERENCER => Conference\_Note".

---

**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.

**Component:** Java or C++ APIs

**Action:** A query such as "/Journal[@VERSIONID = current-version(.)]" should be rewritten to "/Journal[@VERSIONID = latest-version(.)]".

---

**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).

**Component:** Java or C++ APIs

**Action:** Rewrite your query to use the dot (.) as an argument to the latest-version function.

---

**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(.)]".

**Component:** Java or C++ APIs

**Action:** Rewrite the query by making sure that the function is applied in the context of one or more component type views.

---

**DGL7133A** Latest version function cannot be used with a context in BEFORE\_REFERENCE\_STATUS.

**Explanation:** An internal error occurred.

**Component:** Java or C++ APIs

**Action:** See your IBM service representative.

---

**DGL7134A** Item type [mmm] 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.

**Component:** Java or C++ APIs

**Action:** Check the item type definition in the library server and change the projection list accordingly.

---

**DGL7135A** In DKNVPair[] options for retrieve, DK\_CM\_PARAM\_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\_PARAM\_RETRIEVE does not map to a value that is of integer type.

**Component:** Java or C++ APIs

**Action:** Make sure that the retrieve option value is of the type integer.

---

**DGL7136A** Component being retrieved is item type *[mmm]* which is not the same as item type *[mmm]* 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.

**Component:** Java or C++ APIs

**Action:** Make sure that you are passing in the correct projection list for this retrieval.

---

**DGL7137A** While processing projection list for each item type, encountered a DKNVPair that contains name of item type *[mmm]*. 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.

**Component:** Java or C++ APIs

**Action:** Make sure that the value is of type dkCollection.

---

**DGL7138A** In DKNVPair[] options for retrieve, DK\_CM\_PARAM\_RETRIEVE was specified but no retrieve integer value was supplied.

**Explanation:** You specified a retrieve option but no integer value was supplied.

**Component:** Java or C++ APIs

**Action:** Make sure that you have supplied an integer retrieve option.

---

**DGL7139A** In DKNVPair[] options for retrieve, DK\_CM\_PARAM\_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.

**Component:** Java or C++ APIs

**Action:** Make sure that you have supplied a projection list of type DKNVPair[].

---

**DGL7140A** In DKNVPair[] options for retrieve, DK\_CM\_PARAM\_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[].

**Component:** Java or C++ APIs

**Action:** Make sure that the projection list value is of type DKNVPair[].

---

**DGL7141A** Parent component of *[mmm]* 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.

**Component:** Java or C++ APIs

**Action:** Check the parent of this child component and change the projection list accordingly.

---

**DGL7142A** Illegal escape sequence in a query string.

**Explanation:** Examples of valid escape sequences are \t or \n, but \23 is an invalid example.

**Component:** Java or C++ APIs

**Action:** Change the query string by changing or removing the illegal use of the escape sequence.

---

**DGL7143A** Unterminated string at end of line inside of a query string.

**Explanation:** Your query string might contain a line feed or a newline.

**Component:** Java or C++ APIs

**Action:** Change your query string to make sure that it is all on one line.

---

**DGL7144A** Illegal character *[mmm]* in query string.

**Explanation:** This character is not supported by the query language.

**Component:** Java or C++ APIs

**Action:** Change or remove the invalid character from the query string.

---

**DGL7145A** Argument *[mmm]* is not a valid argument to function *[mmm]* because this function does not support a node (e.g. 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.

**Component:** Java or C++ APIs

**Action:** Rewrite your query string. For example, `"/Journal[contains-text(Journal_Article/@Title, \"'XML' \")]"`.

---

**DGL7150A** Affiliated types can only be set to the parts.

**Explanation:** You tried to set the affiliated types to resource items, which are only associated with parts.

**Component:** Java or C++ APIs

**Action:** Set the affiliated types to parts.

---

**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;`

**Component:** Java or C++ APIs

**Action:** Do not define a new affiliated type. Use the predefined affiliation types defined in `DKConstant.java`.

---

**DGL7154A** The content of this item is not set in the resource manager.

**Explanation:** The content is not set for this item. So retrieve the metadata only.

**Component:** Java or C++ APIs

**Action:** Set the content for the item and update. And call retrieve with `DK_CM_CONTENT_ONLY` or `DK_CM_CONTENT_YES`.

---

**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 must have all or none of DLL name and function name.

**Component:** Java or C++ APIs

**Action:** Correct the user exit to include the DLL name and function name.

---

**DGL7158A** Cannot find the workflow ICM container because the workflow configuration for ICM is not correct.

**Explanation:** A workflow ICM container data is not correct.

**Component:** Java or C++ APIs

**Action:** Import the correct container data into the system.

---

**DGL7159A** You have passed in an invalid projection string *[nm]* which should be *[nm]* in order to project component *[nm]* with attribute *[nm]*.

**Explanation:** The projection list you passed contains an invalid string for the projection of attribute *[nm]*. A projection list is a collection of strings that are fully qualified names.

**Component:** Java or C++ APIs

**Action:** Verify the fully qualified names contained in collection of strings are being passed in as the projection list.

---

**DGL7160A** Failed to replace data on the resource manager.

**Explanation:** The system failed to replace content or data on the resource manager.

**Component:** Java or C++ APIs

**Action:** Retry the request and if the problem persists, see your system administrator.

---

**DGL7161A** Failed to retrieve data from the resource manager.

**Explanation:** Failed to retrieve content or data from the resource manager.

**Component:** Java or C++ APIs

**Action:** Retry the request and if the problem persists, see your system administrator.

---

**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.

**Component:** Java or C++ APIs

**Action:** Retry the request and if the problem persists, see your system administrator.

---

**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.

**Component:** Java or C++ APIs

**Action:** Retry the request and if the problem persists, see your system administrator.

---

**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.

**Component:** Java or C++ APIs

**Action:** Retry the request and if the problem persists, see your system administrator.

---

**DGL7165A** Failed to catalog the file [mmm] with path [mmm] on the resource manager.

**Explanation:** Failed to catalog the given file on the resource manager.

**Component:** Java or C++ APIs

**Action:** Retry the request and if the problem persists, see your system administrator.

---

**DGL7166A** Failed to change the storage of the object from SMS collection [mmm] to [mmm] on the resource manager.

**Explanation:** Failed to change the storage of the given object from one collection to another.

**Component:** Java or C++ APIs

**Action:** Retry the request, and if the problem persists, see your system administrator.

---

**DGL7167A** Failed to query the storage information of the object from SMS collection [mmm].

**Explanation:** Failed to query the storage of the given object from the resource manager.

**Component:** Java or C++ APIs

**Action:** Retry the operation and if the problem persists, see your system administrator.

---

**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.

**Component:** Java or C++ APIs

**Action:** Refer to *online API reference* for the validity of parameters and retry the request with valid parameters.

---

---

**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.

**Component:** Java or C++ APIs

**Action:** Retry the request and if the problem persists, see your system administrator.

---

**DGL7170A** Failed to get the content URL to retrieve the content from the resource manager.

**Explanation:** Failed to get the content URL to retrieve the content from the resource manager.

**Component:** Java or C++ APIs

**Action:** Retry the request and if the problem persists, see your system administrator.

---

**DGL7171A** Failed to get the content URL to store the content to the resource manager.

**Explanation:** Failed to get the content URL to store the content to the resource manager.

**Component:** Java or C++ APIs

**Action:** Retry the request and if the problem persists, see your system administrator.

---

**DGL7172A** Failed to get the InputStream object to retrieve the content from the resource manager.

**Explanation:** Failed to get the InputStream object to retrieve the content from the resource manager.

**Component:** Java or C++ APIs

**Action:** Retry the request and if the problem persists, see your system administrator.

---

**DGL7173A** Failed to connect to the resource manager.

**Explanation:** A connection to the resource manager could not be established.

**Component:** Java or C++ APIs

**Action:** Retry the request and if the problem persists, see your system administrator.

---

**DGL7174A** Invalid 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.

**Component:** Java or C++ APIs

---



**Action:** Specify a valid collection to the DKStorageManageInfICM extension object and retry the request.

---

**DGL7175A** The password for this user can only be changed manually, because the user ID is both a system user ID and a 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 Content Manager user ID.

**Component:** Java or C++ APIs

**Action:** Manually change the password for this database user ID (for example, User Manager on Windows or SMIT on AIX).

---

**DGL7176A** Retrieve option DK\_CMCONTENT\_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.

**Component:** Java or C++ APIs

**Action:** This is not a valid option for this collection of DDOs. Try the option again with a DDO collection that has children.

---

**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.

**Component:** Java or C++ APIs

**Action:** Register the MIME type to the datastore or contact your system administrator.

---

**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.

**Component:** Java or C++ APIs

**Action:** Set the valid executable handler program name and try the request again.

---

**DGL7179A** The executable handler program name %1 cannot be found.

**Explanation:** The executable handler program name cannot be located in the current environment.

**Component:** Java or C++ APIs

**Action:** Specify the executable handler program with the absolute path and try the request again.

---

**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.

**Component:** Java or C++ APIs

**Action:** Add the part to a document, and then add or update the document to the datastore.

---

**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.

**Component:** Java or C++ APIs

**Action:** Add the part to a document, and then add or update the document to the datastore.

---

**DGL7182A** Resource manager returned with the RC = %1 , and the message %2

**Explanation:** This message records the resource manager return code and the message.

**Component:** Java or C++ APIs

**Action:** See your system administrator or IBM service representative.



---

## Chapter 8. EIP workflow builder messages, EHLE045 - EHLE081

You might see these messages when using the Enterprise Information Portal workflow builder of the system administration client. The Content Management Information Center search looks for full words. You need to enter the entire word that you want to find. When searching for messages, enter the full message number, including the prefix. For example, to find information on DGL1234A, enter DGL1234A. To find information on a message that has only a number, enter the number.

---

**EHLE045A** 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.

**Component:** Workflow builder

**Action:** Delete the extra start node from your diagram.

---

**EHLE046A** 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.

**Component:** Workflow builder

**Action:** You can correct the problem by adding a start or stop node.

---

**EHLE047A** No path was found from the node [nnn] to the node [nnn].

**Explanation:** A path is missing between the given nodes.

**Component:** Workflow builder

**Action:** 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.

---

**EHLE048A** 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.

**Component:** Workflow builder

**Action:** The node in error is highlighted on the workflow process diagram and in the summary table. Attach an outbound connector to the identified node.

---

**EHLE049A** 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.

**Component:** Workflow builder

**Action:** The node in error is highlighted on the workflow process diagram and in the summary table. Attach an inbound connector to the identified node.

---

**EHLE051A** 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.

**Component:** Workflow builder

**Action:** 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.

---

**EHLE052A** No name was specified for the node [nnn].

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

**Component:** Workflow builder

**Action:** 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.

---

**EHLE057A** The action list associated with the node [nnn] no longer exists.

**Explanation:** The action list associated with the work node was deleted.

**Component:** Workflow builder

**Action:** 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.

---

**EHLE063W** 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 Enterprise Information Portal server.

**Component:** Workflow builder

**Action:** 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.

---

**EHLE065W** 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 Enterprise Information PortalEnterprise Information Portal server.

**Component:** Workflow builder

**Action:** 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 Enterprise Information Portal server.

---

**EHLE077A** 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.

**Component:** Workflow builder

**Action:** 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.

---

**EHLE077E** The perform by value is no longer valid.

**Explanation:** The user ID or a group is no longer available.

**Component:** Workflow builder

**Action:** 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.

---

**EHLE078E** The notify person by value is no longer valid.

**Explanation:** The user ID is no longer available.

**Component:** Workflow builder

**Action:** 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.

---

**EHLE079E** User exit is not valid or does not exist in DLL directory.

**Explanation:** This error is caused by an invalid notify after value.

**Component:** Workflow builder

**Action:** 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.

---

**EHLE079W** 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.

**Component:** Workflow builder

**Action:** 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.

---

**EHLE082E** 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 when you drop a subworkflow node on the palette, connect it to the workflow, and run verify without opening the node and selecting a subworkflow.

**Component:** Workflow builder

**Action:** Before you verify the workflow process diagram, you must open all the subworkflow nodes and select a subworkflow on the second tab.

---

**EHLE084A** 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.

**Component:** Workflow builder

**Action:** The connector in error is highlighted on the workflow process diagram and in the summary table. Delete this connector.

---

**EHLE085W** The node [mmm] 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.

**Component:** Workflow builder

**Action:** 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. **Note:** You do not need to fix this problem to successfully verify the workflow process diagram.

---

**EHLE086A** No description was specified for the connector.

**Explanation:** A collection point connector was located that does not have a description.

**Component:** Workflow builder

**Action:** 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.

---

**EHLE080W** 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.

**Component:** Workflow builder

**Action:** Enter an application name that is an .exe or .dll.

---

**EHLE081W** No entry point specified for the DLL.

**Explanation:** In the EIP system administration client, the PC DLL box is checked but the entry point name is not specified.

**Component:** Workflow builder

**Action:** You must specify an entry point name if you have the PC DLL box checked.

---

**EHLE080E** One or more value nodes have not been viewed. Each value node must be edited to verify the data before verifying the template.

**Explanation:** A value node has been placed on the drawing palette and the node has not been edited.

**Component:** Workflow builder

**Action:** Edit each value node that has been placed on the palette and validate that the data defined for the node is correct.

---

**EHLE081E** 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. Please 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 (').

**Component:** Workflow builder

**Action:** Remove any of the invalid characters from the workflow value fields.



---

## Chapter 9. EIP information mining messages, 9001- 9976

You might see these messages when using the Enterprise Information Portal information mining component. The Content Management Information Center search looks for full words. You need to enter the entire word that you want to find. When searching for messages, enter the full message number, including the prefix. For example, to find information on DGL1234A, enter DGL1234A. To find information on a message that has only a number, enter the number.

---

**9001**      **The text document object has no name.**

**Explanation:** The requested action requires that a text document object have a name.

**Component:** Information mining

**Action:** Specify a name using the setName method of the text document object.

---

**9002**      **The text document object [nnn] has no language.**

**Explanation:** The requested action requires that a text document object have a language.

**Component:** Information mining

**Action:** Specify a language using the setLanguage method of the text document object.

---

**9003**      **The specified text document has the same name as a previously analyzed document [nnn].**

**Explanation:** Multiple documents cannot share the same name.

**Component:** Information mining

**Action:** Specify another name using the setName method of the text document object.

---

**9004**      **No category has been specified for the training document [nnn].**

**Explanation:** The requested action requires a category.

**Component:** Information mining

**Action:** Specify at least one category.

---

**9005**      **The specified key [nnn] does not exist in this schema.**

**Explanation:** A schema method has been used with a nonexistent key.

**Component:** Information mining

**Action:** Use the keySet method of the schema object to get a set view of the keys contained in the schema.

---

**9006**      **The type of the specified key [nnn] is not java.lang.String as expected but [nnn].**

**Explanation:** The requested action requires a key whose associated type is java.lang.String.

**Component:** Information mining

**Action:** Use the keySet and getType methods of the schema object to determine associated types.

---

**9007**      **The specified key [nnn] does not exist in this record [nnn].**

**Explanation:** A record method has been used with a nonexistent key.

**Component:** Information mining

**Action:** Use the keySet method of the record object to get a set view of the keys contained in the record.

---

**9008**      **No category has been specified for the record [nnn].**

**Explanation:** The requested action requires a category.

**Component:** Information mining

**Action:** Specify at least one category.

---

**9009**      **The taxonomy does not contain the category [nnn].**

**Explanation:** There is no such category in the taxonomy.

**Component:** Information mining

**Action:** Use the most recently created taxonomy and use the categoryExists methods of the taxonomy object to check the category.

---

**9010**      **[nnn] is not a valid language code.**

**Explanation:** The specified language code is not valid.

**Component:** Information mining

**Action:** Specify a valid language code (For example, en\_US or fr\_CA).

---

---

**9101**      **No taxonomy has been named in the search configuration although a category is used in the query.**

**Explanation:** A taxonomy has to be set in the search configuration if the query has a category part.

**Component:** Information mining

**Action:** Use the `setTaxonomy` method of the search configuration to set the taxonomy object.

---

**9100**      **The catalog [nmn] does not exist.**

**Explanation:** The requested catalog action cannot be performed because the desired catalog does not exist in the library.

**Component:** Information mining

**Action:** Use the `catalogExists` method of the library object to check if the catalog exists.

---

**9101**      **The specified catalog name [nmn] already exists.**

**Explanation:** Catalog names are unique in the library.

**Component:** Information mining

**Action:** Use the `catalogExists` method of the library object to check the catalog name.

---

**9102**      **The category already has a sibling named [nmn].**

**Explanation:** Categories with the same parent category must have unique names.

**Component:** Information mining

**Action:** Use the `getChildren` method of the parent category object to get all existing children. Specify a new category name.

---

**9103**      **The specified category [nmn] does not exist.**

**Explanation:** The specified category does not exist in the catalog.

**Component:** Information mining

**Action:** Make sure you are using the most recent taxonomy object and use the `categoryExists` method to check the category.

---

**9104**      **The specified category [nmn] is not empty, because it still has records, training documents or child categories.**

**Explanation:** The requested action requires an empty category (no records, training documents or child categories).

**Component:** Information mining

---

**Action:** Remove all records and training documents, and delete all child categories of the appropriate category.

---

**9105**      **The specified text document has the same name [nmn] as a previously created training document.**

**Explanation:** Training document names are unique in a catalog.

**Component:** Information mining

**Action:** Use the `trainingDocumentExists` method of the catalog object to check the training document name. Specify a new name or update the existing document.

---

**9106**      **The training document [nmn] does not exist.**

**Explanation:** A training document has been specified that is not known in the catalog.

**Component:** Information mining

**Action:** Use the `trainingDocumentExists` method of the catalog object to check the document name.

---

**9107**      **The catalog [nmn] has not been trained.**

**Explanation:** The requested action requires that the catalog has been trained.

**Component:** Information mining

**Action:** Initiate catalog training.

---

**9108**      **The training set of catalog [nmn] has not been evaluated.**

**Explanation:** The requested action requires that the training set of the catalog has been evaluated.

**Component:** Information mining

**Action:** Initiate the training set evaluation.

---

**9109**      **The specified record has the same PID as a previously created record [nmn].**

**Explanation:** Record persistent IDs are unique in a catalog.

**Component:** Information mining

**Action:** Use the `recordExists` method of the catalog object to check the record PID. Specify a new PID or update the existing record.

---

**9110**      **There is no record with PID [nmn].**

**Explanation:** There is no record that has the specified persistent ID.

**Component:** Information mining

---



**Action:** Use the recordExists method of the catalog object to check the PID.

---

**9111**            **At least one of the specified record values is of the wrong type.**

**Explanation:** The value of a record key has to be of the type associated with that key in the catalog schema.

**Component:** Information mining

**Action:** Use the getType method of the schema object to determine the expected type for the key.

---

**9112**            **Language not supported: [nnn].**

**Explanation:** The requested functionality is not available for the specified language.

**Component:** Information mining

**Action:** Select another language. See the Enterprise Information Portal system administration online help for a list of the supported languages.

---

**9113**            **No server task has been set for the service.**

**Explanation:** The requested action requires that a server task object has been set for the service.

**Component:** Information mining

**Action:** Use the setServerTask method of the service object to set a server task object.

---

**9114**            **One of the specified values exceeds the database column size limit.**

**Explanation:** At least one of the specified values cannot be stored because it exceeds the size limit.

**Component:** Information mining

**Action:** See the appropriate catalog schema, and see your system administrator.

---

**9115**            **The specified catalog name exceeds the database column size limit.**

**Explanation:** The catalog name value cannot be stored because it exceeds a size limit.

**Component:** Information mining

**Action:** See the appropriate catalog schema, and see your system administrator.

---

**9116**            **The specified catalog description exceeds the database column size limit.**

**Explanation:** The catalog description cannot be stored because it exceeds the size limit.

**Component:** Information mining

**Action:** See the appropriate catalog schema, and see your system administrator.

---

**9117**            **The specified category name exceeds the database column size limit.**

**Explanation:** The category name cannot be stored because it exceeds the size limit.

**Component:** Information mining

**Action:** See the appropriate catalog schema, and see your system administrator.

---

**9118**            **The specified training document content exceeds the database column size limit.**

**Explanation:** The document content cannot be stored because it exceeds the size limit.

**Component:** Information mining

**Action:** See the appropriate catalog schema, and see your system administrator.

---

**9119**            **The specified training document language exceeds the database column size limit.**

**Explanation:** The document language cannot be stored because it exceeds the size limit.

**Component:** Information mining

**Action:** See the appropriate catalog schema, and see your system administrator.

---

**9120**            **The training result exceeds the database column size limit.**

**Explanation:** The training result object cannot be stored because it exceeds the size limit.

**Component:** Information mining

**Action:** See the appropriate catalog schema, and see your system administrator.

---

**9121**            **The training set evaluation result exceeds the database column size limit.**

**Explanation:** The evaluation result object cannot be stored because it exceeds the size limit.

**Component:** Information mining

**Action:** See the appropriate catalog schema, and see your system administrator.

---

**9122**            **The schema exceeds the database row size limit.**

**Explanation:** The schema object cannot be stored because it exceeds the size limit.

**Component:** Information mining

**Action:** See your system administrator.

---

**9201**            **Input file(s) not defined or created.**

**Explanation:** None.

**Component:** Information mining

**Action:** Try clustering again. If the problem persists, see your system administrator.

---

**9202**            **Method execute() interrupted while waiting for the clusterer to terminate.**

**Explanation:** None.

**Component:** Information mining

**Action:** Try clustering again. If the problem persists, see your system administrator.

---

**9203**            **Clusterer executable terminated with return code [nnn].**

**Explanation:** None.

**Component:** Information mining

**Action:** Try clustering again. If the problem persists, see your system administrator.

---

**9204**            **Clusterer result file does not exist.**

**Explanation:** None.

**Component:** Information mining

**Action:** Try clustering again. If the problem persists, see your system administrator.

---

**9205**            **Clusterer label file does not exist.**

**Explanation:** None.

**Component:** Information mining

**Action:** Try clustering again. If the problem persists, see your system administrator.

---

**9206**            **Property [nnn] is not set.**

**Explanation:** None.

**Component:** Information mining

**Action:** Make sure that the specified (Java system) property is set in the Java Virtual Machine.

---

**9207**            **Unable to create the working directory [nnn] in the system temporary directory [nnn].**

**Explanation:** None.

**Component:** Information mining

**Action:** Make sure that the Java process has the

authority, or access rights, to create a directory in the specified system temporary directory and that enough space is available on the corresponding file system.

---

**9208**            **Unexpected end of file encountered in one of the result files of the clusterer.**

**Explanation:** None.

**Component:** Information mining

**Action:** Try clustering again. If the problem persists, see your system administrator.

---

**9218**            **Clustering ran successfully.**

**Explanation:** A clustering operation ran successfully.

**Component:** Information mining

**Action:** None.

---

**9219**            **Unknown error encountered during clustering: [].**

**Explanation:** An internal error occurred during a clustering operation.

**Component:** Information mining

**Action:** See your system administrator.

---

**9220**            **Numerical problem encountered during clustering [nnn].**

**Explanation:** None.

**Component:** Information mining

**Action:** See your system administrator.

---

**9221**            **Numerical problem encountered during clustering [nnn].**

**Explanation:** None.

**Component:** Information mining

**Action:** See your system administrator.

---

**9222**            **Numerical problem encountered during clustering [nnn].**

**Explanation:** None.

**Component:** Information mining

**Action:** See your system administrator.

---

**9223**            **Numerical problem encountered during clustering [nnn].**

**Explanation:** None.

**Component:** Information mining

**Action:** See your system administrator.

---

**9224**      **Memory allocation failure** [mmm].  
**Explanation:** You might have run out of memory.  
**Component:** Information mining  
**Action:** None.

---

**9225**      **File I/O problem** [mmm].  
**Explanation:** You might have run out of temporary space.  
**Component:** Information mining  
**Action:** None.

---

**9226**      **File I/O problem** [mmm].  
**Explanation:** You might have run out of temporary space.  
**Component:** Information mining  
**Action:** None.

---

**9227**      **Internal clustering error occurred** [mmm].  
**Explanation:** Inconsistent data file; too many non-zeros.  
**Component:** Information mining  
**Action:** See your system administrator.

---

**9228**      **Maximum number of clusters must be greater than 0.**  
**Explanation:** None.  
**Component:** Information mining  
**Action:** None.

---

**9229**      **Minimum number of clusters must be greater than 0.**  
**Explanation:** None.  
**Component:** Information mining  
**Action:** None.

---

**9230**      **Internal clustering error occurred** [mmm].  
**Explanation:** None.  
**Component:** Information mining  
**Action:** See your system administrator.

---

**9231**      **Internal clustering error occurred** [mmm].  
**Explanation:** None.  
**Component:** Information mining  
**Action:** See your system administrator.

---

---

**9232**      **Internal clustering error occurred** [mmm].  
**Explanation:** None.  
**Component:** Information mining  
**Action:** See your system administrator.

---

**9233**      **Internal clustering error occurred** [mmm].  
**Explanation:** None.  
**Component:** Information mining  
**Action:** See your system administrator.

---

**9234**      **Internal clustering error occurred** [mmm].  
**Explanation:** None.  
**Component:** Information mining  
**Action:** See your system administrator.

---

**9235**      **Internal clustering error occurred** [mmm].  
**Explanation:** None.  
**Component:** Information mining  
**Action:** See your system administrator.

---

**9236**      **Minimum number of clusters must be less than or equal to maximum number of clusters.**  
**Explanation:** None.  
**Component:** Information mining  
**Action:** None.

---

**9241**      **Number of labels must be greater than or equal to 0.**  
**Explanation:** None.  
**Component:** Information mining  
**Action:** None.

---

**9250**      **Invalid language code:** [mmm].  
**Explanation:** None.  
**Component:** Information mining  
**Action:** Specify a valid Java language code (For example, en\_US or fr\_CA).

---

**9251**      **Duplicate name for training document:** [mmm].  
**Explanation:** None.  
**Component:** Information mining

---

**Action:** Specify a unique name for each training document.

---

**9252 Internal TAF error: [nnn].**

**Explanation:** An internal text analysis error occurred.

**Component:** Information mining

**Action:** See your system administrator.

---

**9253 Language not set for document.**

**Explanation:** Language information is needed for correct processing.

**Component:** Information mining

**Action:** Specify a valid language for the document.

---

**9254 Language not supported: [nnn].**

**Explanation:** The requested functionality is not available for the specified language.

**Component:** Information mining

**Action:** None.

---

**9255 Document named [nnn] could not be processed (Internal text analysis error: [nnn]).**

**Explanation:** An internal text analysis error occurred.

**Component:** Information mining

**Action:** See your system administrator.

---

**9500 Not connected.**

**Explanation:** The connection to the server is not available or has been lost.

**Component:** Information mining

**Action:** Make sure that the server was set up appropriately and try again.

---

**9501 Archive could not be created.**

**Explanation:** The directory that keeps the crawled documents cannot be created.

**Component:** Information mining

**Action:** Check access permissions and available disk space.

---

**9502 [nnn] is not a directory.**

**Explanation:** The directory where the crawled documents reside is not available.

**Component:** Information mining

**Action:** Check the settings of the WebSpace directory and RootDirectory.

---

**9503 Could not create directory: [nnn].**

**Explanation:** None.

**Component:** Information mining

**Action:** None.

---

**9504 Not a valid directory.**

**Explanation:** The directory where the crawled documents reside is not available.

**Component:** Information mining

**Action:** Check the settings of the WebSpace directory and RootDirectory.

---

**9505 Could not rename file.**

**Explanation:** The WebSpace directory cannot be renamed to the archive.

**Component:** Information mining

**Action:** Check if an archive exists that could not be deleted.

---

**9506 Not authorized to access: [nnn].**

**Explanation:** To process a document, the information mining services need to have CMB\_PRIV\_VIEW\_CONTENT privileges.

**Component:** Information mining

**Action:** Check and update the privilege settings.

---

**9507 Nothing to cluster.**

**Explanation:** None.

**Component:** Information mining

**Action:** None.

---

**9520 Initializing [nnn] Servlet...**

**Explanation:** The given servlet is being initialized.

**Component:** Information mining

**Action:** None.

---

**9521 Servlet [nnn] successfully initialized.**

**Explanation:** None.

**Component:** Information mining

**Action:** None.

---

**9522**      **No key found for message [nnn] in resource bundle.**

**Explanation:** A setup problem occurred.

**Component:** Information mining

**Action:** See your system administrator.

---

**9523**      **No name for an action on training documents was found for key [nnn] in resource bundle.**

**Explanation:** A setup problem occurred.

**Component:** Information mining

**Action:** See your system administrator.

---

**9524**      **The HTML pages for the default locale [nnn] were not found. They were expected under [nnn].**

**Explanation:** A setup problem occurred. Some files of the Web application might have been deleted.

**Component:** Information mining

**Action:** Retry the Web application.

---

**9525**      **Parameter [nnn] is missing from configuration file web.xml.**

**Explanation:** A setup problem occurred.

**Component:** Information mining

**Action:** Compare the file web.xml with the one found in the IST.war file that is part of the Enterprise Information Portal installation.

---

**9526**      **Configuration parameter [nnn]: The directory [nnn] does not exist.**

**Explanation:** None.

**Component:** Information mining

**Action:** Check the file web.xml of the Web application. Specify an existing directory.

---

**9527**      **Configuration parameter [nnn]: The directory [nnn] cannot be written to.**

**Explanation:** None.

**Component:** Information mining

**Action:** Check the file web.xml of the Web application. Change the permissions on the directory.

---

---

**9528**      **Configuration parameter [nnn]: [nnn] is not a long value.**

**Explanation:** None.

**Component:** Information mining

**Action:** Change the value given in the file web.xml of the Web application.

---

**9529**      **Configuration parameter [nnn]: [nnn] is not an integer value.**

**Explanation:** None.

**Component:** Information mining

**Action:** Change the value given in the file web.xml of the Web application.

---

**9530**      **No resource bundle or HTML pages were found for the locales specified in [nnn]. Use the client default locale [nnn] instead.**

**Explanation:** None.

**Component:** Information mining

**Action:** None.

---

**9531**      **No resource bundle or HTML pages were found for the default client resource bundle [nnn].**

**Explanation:** None.

**Component:** Information mining

**Action:** Change the value given in the file web.xml of the Web application.

---

**9532**      **Resource bundle for client default bundle lost.**

**Explanation:** A setup problem occurred.

**Component:** Information mining

**Action:** See your system administrator.

---

**9533**      **Internal Error: Attempted to execute command [nnn] although preconditions have not been met.**

**Explanation:** A setup problem occurred.

**Component:** Information mining

**Action:** See your system administrator.

---

---

**9550**      **Object of type Command expected, however an object of Class [nnn] was retrieved.**

**Explanation:** A setup problem occurred.

**Component:** Information mining

**Action:** See your system administrator.

---

**9551**      **New instance failed.**

**Explanation:** A setup problem occurred.

**Component:** Information mining

**Action:** See your system administrator.

---

**9552**      **Could not find the file commands.jar at [nnn].**

**Explanation:** A setup problem occurred. Some files of the web application might have been deleted.

**Component:** Information mining

**Action:** Retry the web application.

---

**9553**      **Exception while inspecting commands.jar.**

**Explanation:** A setup problem occurred.

**Component:** Information mining

**Action:** See your system administrator.

---

**9554**      **Could not find an IKF class.**

**Explanation:** A setup problem occurred.

**Component:** Information mining

**Action:** See your system administrator.

---

**9555**      **The class [nnn] for received object was not found on the server.**

**Explanation:** A setup problem occurred.

**Component:** Information mining

**Action:** See your system administrator.

---

**9556**      **Executing command [nnn] caused an error with message key [nnn] and the following message: [nnn].**

**Explanation:** None.

**Component:** Information mining

**Action:** None.

---

---

**9602**      **Could not delete training document [nnn] when cancelling upload. Reason: [nnn], [nnn].**

**Explanation:** None.

**Component:** Information mining

**Action:** None.

---

**9610**      **[nnn] servlet: save directory is [nnn].**

**Explanation:** None.

**Component:** Information mining

**Action:** None.

---

**9611**      **[nnn] servlet: maximum POST data size is [nnn] bytes.**

**Explanation:** None.

**Component:** Information mining

**Action:** None.

---

**9612**      **[nnn] servlet: uploaded file [nnn] could not be deleted.**

**Explanation:** None.

**Component:** Information mining

**Action:** Delete the file manually.

---

**9613**      **[nnn] servlet: received an empty form.**

**Explanation:** None.

**Component:** Information mining

**Action:** None.

---

**9614**      **[nnn] servlet: no file was retrieved for training document [nnn].**

**Explanation:** None.

**Component:** Information mining

**Action:** None.

---

**9615**      **[nnn] servlet: an exception occurred during file upload: [nnn]. Stack trace: [nnn].**

**Explanation:** None.

**Component:** Information mining

**Action:** None.

---

---

**9616** [mmm] servlet: the file [mmm] was empty after format filtering and was not added to the library.

**Explanation:** None.

**Component:** Information mining

**Action:** None.

---

**9650** Catalog deleted while training was running.

**Explanation:** None.

**Component:** Information mining

**Action:** None.

---

**9651** Catalog deleted while evaluation was running.

**Explanation:** None.

**Component:** Information mining

**Action:** None.

---

**9652** Category deleted while training was running.

**Explanation:** None.

**Component:** Information mining

**Action:** None.

---

**9653** Category deleted while evaluation was running.

**Explanation:** None.

**Component:** Information mining

**Action:** None.

---

**9654** Training document deleted while training was running.

**Explanation:** None.

**Component:** Information mining

**Action:** None.

---

**9655** Training document deleted while evaluation was running.

**Explanation:** None.

**Component:** Information mining

**Action:** None.

---

---

**9656** Encountered training document that could not be processed during training.

**Explanation:** None.

**Component:** Information mining

**Action:** None.

---

**9657** Encountered training document that could not be processed during evaluation.

**Explanation:** None.

**Component:** Information mining

**Action:** None.

---

**9600** Category [mmm] does not exist.

**Explanation:** None.

**Component:** Information mining

**Action:** None.

---

**9601** Catalog [mmm] does not exist. Files can no longer be added.

**Explanation:** None.

**Component:** Information mining

**Action:** None.

---

**9700** An internal error occurred. No action was performed. Check the server log files for more information. Contact your administrator.

**Explanation:** An internal error occurred.

**Component:** Information mining

**Action:** Record the error information from the server error log files, and see your system administrator.

---

**9701** You do not have an IST session, or your session has expired. Log in to the IST again.

**Explanation:** The Web server was restarted while the user was working with the Information Mining Structuring Tool (IST), or the user was inactive for too long.

**Component:** Information mining

**Action:** Point your browser to the IST login page. See your system administrator to change the time-out settings for the IST.

---

---

**9702**      **You do not have an IST session, or your session has expired. You will be redirected to the login page.**

**Explanation:** The Web server was restarted while the user was working with the Information Mining Structuring Tool (IST), or the user was inactive for too long.

**Component:** Information mining

**Action:** Point your browser to the IST login page. See your system administrator to change the time-out settings for the IST.

---

**9703**      **You did not specify a required parameter value. Provide the value and try again.**

**Explanation:** You did not provide a required parameter.

**Component:** Information mining

**Action:** Provide the required parameter and retry the operation.

---

**9710**      **Could not log in user [nmn]. Check the spelling of the user name and password, and try again.**

**Explanation:** You tried an invalid user ID and password.

**Component:** Information mining

**Action:** Check the spelling and capitalization of the user ID and password.

---

**9711**      **The connection to the server seems to be broken (Attempted to log off before logging in). Close and restart your browser and try again.**

**Explanation:** The connection to the server failed.

**Component:** Information mining

**Action:** Close your browser and retry the connection.

---

**9712**      **User [nmn] is already logged in.**

**Explanation:** A user with the same name already has a valid Information Mining Structuring Tool (IST) session.

**Component:** Information mining

**Action:** Make sure that no other user is working with the IST under the same name, otherwise the catalog locking mechanism does not work as expected.

---

---

**9730**      **The catalog name exceeds the size limit. Choose a different name.**

**Explanation:** The catalog name is too long.

**Component:** Information mining

**Action:** Choose another name.

---

**9731**      **Either the catalog name, the category name, or the description exceeds the size limit. Choose a different name or description, respectively.**

**Explanation:** The catalog name, category name, or description were too long.

**Component:** Information mining

**Action:** Choose a different name for the catalog, category, or description.

---

**9732**      **You tried to create catalog [nmn] which already exists. Choose a different name.**

**Explanation:** A catalog with this name already exists.

**Component:** Information mining

**Action:** Choose a different name for the catalog.

---

**9733**      **Creating the catalog failed due to an internal error. Click on Library to refresh the list of catalogs.**

**Explanation:** None.

**Component:** Information mining

**Action:** Record the error information from the server error log files, and see your system administrator.

---

**9734**      **You tried to rename catalog [nmn] to [nmn]. This name already exists. Choose a different name.**

**Explanation:** A catalog with this name already exists.

**Component:** Information mining

**Action:** Choose a different name.

---

**9735**      **You tried to create catalog [nmn]. The name of a catalog must not contain quotation marks. Choose a different name.**

**Explanation:** The name of the catalog cannot have quotation marks.

**Component:** Information mining

**Action:** Choose another name.

---



---

9736      **You tried to rename catalog [nnn] to [nnn.] The name of a catalog must not contain quotation marks. Choose a different name.**

**Explanation:** The name of the catalog cannot have quotation marks.

**Component:** Information mining

**Action:** Choose a different name.

---

9737      **The catalog you selected no longer exists. It was renamed or deleted by another user. Click on Library to refresh the tree view.**

**Explanation:** You selected a catalog that does not exist.

**Component:** Information mining

**Action:** Using the information mining system administration client, refresh the list of catalogs and choose another catalog.

---

9738      **The catalog you selected does not exist any longer. It was renamed or deleted by another user. The tree view was updated.**

**Explanation:** You selected a catalog that is not available.

**Component:** Information mining

**Action:** None.

---

9739      **You tried to modify catalog [nnn], which is currently locked by user [nnn]. No changes were applied.**

**Explanation:** Another user is using this catalog.

**Component:** Information mining

**Action:** Ask the user to unlock the catalog and try again.

---

9740      **You tried to modify catalog [nnn], which is currently being trained. No changes were applied.**

**Explanation:** You cannot change a catalog that is being trained.

**Component:** Information mining

**Action:** Select the catalog node in the tree and cancel the training, or wait until it is finished. Retry changing the catalog.

---

---

9741      **You tried to unlock catalog [nnn], which is currently not locked. No action was performed.**

**Explanation:** None.

**Component:** Information mining

**Action:** None.

---

9742      **The catalog description exceeds the size limit. Choose a different description.**

**Explanation:** The description of the catalog is too long.

**Component:** Information mining

**Action:** Choose a different description.

---

9743      **The catalog exceeds the size limit. Training is not possible.**

**Explanation:** The catalog is too large to be trained.

**Component:** Information mining

**Action:** Delete records, training documents, or categories in this catalog and try again.

---

9744      **The catalog exceeds the size limit. Evaluation is not possible.**

**Explanation:** The catalog is too large.

**Component:** Information mining

**Action:** Delete records, training documents, or categories in this catalog, then try again.

---

9760      **You tried to create category [nnn] which already exists. Choose another name.**

**Explanation:** This category already exists.

**Component:** Information mining

**Action:** Choose a different name.

---

9761      **You tried to rename category [nnn] to [nnn]. This name already exists. Choose another name.**

**Explanation:** This category name already exists.

**Component:** Information mining

**Action:** Choose a different name.

---

---

9762 You tried to create category [nmn] which is not a valid name. Valid names must not contain the following strings: [nmn] Choose a valid name and retry.

**Explanation:** You used an invalid name.

**Component:** Information mining

**Action:** Choose a valid name.

---

9763 You tried to rename category [nmn] to [nmn] which is not a valid name. Valid names must not contain the following strings: [nmn] Choose a valid name and retry.

**Explanation:** You used an invalid name.

**Component:** Information mining

**Action:** Choose a valid name.

---

9764 You tried to create category [nmn] which contains the taxonomy separator [nmn]. This is not a valid name. Choose a valid name and retry.

**Explanation:** You used an invalid name.

**Component:** Information mining

**Action:** Choose a valid name.

---

9765 You tried to rename category [nmn] to [nmn] which contains the taxonomy separator [nmn]. This is not a valid name. Choose a valid name and retry.

**Explanation:** You used an invalid name.

**Component:** Information mining

**Action:** Choose a valid name.

---

9766 The category name exceeds the size limit. Choose a different name.

**Explanation:** The category name is too long.

**Component:** Information mining

**Action:** Choose a different name.

---

9767 The category you selected no longer exists. The category (or a parent category) was renamed or deleted by another user. Click on another category to update the tree view.

**Explanation:** None.

**Component:** Information mining

**Action:** None.

---

---

9768 The category you selected does not exist any longer. The category (or a parent category) was renamed or deleted by another user. The tree view was updated.

**Explanation:** You selected a category that does not exist.

**Component:** Information mining

**Action:** None.

---

9769 The category you specified as parent category does not exist in this catalog. Select another category.

**Explanation:** None.

**Component:** Information mining

**Action:** None.

---

9770 You tried to delete the root category of a catalog. You can only rename root categories.

**Explanation:** None.

**Component:** Information mining

**Action:** None.

---

9775 You tried to stop the training process on catalog [nmn]. This catalog is currently not being trained or training has already finished. No action was performed.

**Explanation:** None.

**Component:** Information mining

**Action:** None.

---

9776 You tried to start training catalog [nmn] whose document set has not been modified since it was last trained. Training would have no effect. No action was performed.

**Explanation:** None.

**Component:** Information mining

**Action:** None.

---

9780 You tried to view training document [nmn] which no longer exists. It was deleted by another user. Refresh the training document list.

**Explanation:** None.

**Component:** Information mining

**Action:** Reload the frame that contains the document

---

list, or change to another tab and come back.

---

**9781**      **You tried to delete training document [mmm] which does not exist any longer. It was deleted by another user. The document list has been updated.**

**Explanation:** None.

**Component:** Information mining

**Action:** None.

---

**9782**      **You tried to delete a training document without specifying a name. Specify a name and try again.**

**Explanation:** None.

**Component:** Information mining

**Action:** None.

---

**9783**      **The training document [mmm] exceeds the size limit. It cannot be added.**

**Explanation:** The training document is too large.

**Component:** Information mining

**Action:** Divide the document into several parts and upload the parts that contain the content which best fit this category.

---

**9784**      **You tried to add document [mmm] to category [mmm]. A training document with this name already exists in category [mmm]. If they are the same documents, copy the document from this category. Otherwise, choose another name and retry.**

**Explanation:** None.

**Component:** Information mining

**Action:** None.

---

**9785**      **You tried to add document [mmm] to category [mmm]. A training document with this name already exists in the categories [mmm]. If they are the same documents, copy the document from one of these categories. Otherwise, choose a different name and retry.**

**Explanation:** None.

**Component:** Information mining

**Action:** None.

---

**9786**      **You tried to add document [mmm] to category [mmm]. A training document with this name already exists in category [mmm]. It was copied to [mmm]. If the documents differ, delete the document from [mmm] and upload [mmm] again under a different name.**

**Explanation:** None.

**Component:** Information mining

**Action:** None.

---

**9787**      **You tried to add document [mmm] to category [mmm]. A training document with this name already exists in the categories [mmm]. It was copied to [mmm]. If the documents differ, delete the document from [mmm] and upload [mmm] again under a different name.**

**Explanation:** None.

**Component:** Information mining

**Action:** None.

---

**9788**      **You tried to add document [mmm]. The name of a training document must not contain quotation marks. Choose a different name and retry.**

**Explanation:** None.

**Component:** Information mining

**Action:** None.

---

**9789**      **You tried to add document [mmm]. The name of a training document must not contain [mmm]. Choose a different name and retry.**

**Explanation:** None.

**Component:** Information mining

**Action:** None.

---

**9790**      **You tried to add a training document without specifying a document name. Specify a name.**

**Explanation:** None.

**Component:** Information mining

**Action:** None.

---

9791 You tried to add a training document without specifying its location. Specify a location.

**Explanation:** None.

**Component:** Information mining

**Action:** None.

---

9792 Invalid language [nnn] for training document [nnn].

**Explanation:** None.

**Component:** Information mining

**Action:** None.

---

9793 You tried to add a document which has no content. The document was not added to the category. If you tried to upload a document directly from an URL, save it to your disk first and add it using the disk location.

**Explanation:** None.

**Component:** Information mining

**Action:** None.

---

9794 Document content parsing failed because of a missing filter for this file type. Contact your administrator.

**Explanation:** None.

**Component:** Information mining

**Action:** See your system administrator.

---

9795 The file upload process failed. Make sure that the file does not exceed the current size limit of [nnn] bytes. If you tried to upload an XML file, remove all references to external DTD's and upload the file again. More information can be found in the Server Log files. Contact your administrator.

**Explanation:** None.

**Component:** Information mining

**Action:** If the file is too big, see your administrator to change the size limit. Another option is to divide the document into several parts and upload the parts that contain the content that best fits this category. Record the error information from the error log file and see your system administrator.

---

---

9796 The taxonomy separator of category [nnn] has changed.

**Explanation:** None.

**Component:** Information mining

**Action:** None.

---

9797 The upload process was canceled.

**Explanation:** None.

**Component:** Information mining

**Action:** None.

---

9800 The file [nnn] did not contain any content after filtering.

**Explanation:** None.

**Component:** Information mining

**Action:** None.

---

9801 The size of the training document is [nnn] bytes. This exceeds the maximum size of [nnn] bytes. Contact your administrator if you want to change the maximum size.

**Explanation:** None.

**Component:** Information mining

**Action:** If you do not want to change the size limit, divide the document into several parts and upload the parts that contain the content that best fits this category. Record the error information from the error log file and see your system administrator.

---

9802 The size of the training document [nnn] exceeds the maximum size of [nnn] bytes. Contact your administrator if you want to change the maximum size.

**Explanation:** None.

**Component:** Information mining

**Action:** If you do not want to change the size limit, divide the document into several parts and upload the parts that contain the content which best fits this category. Record the error information from the error log file and see your system administrator.

---

9803 No file was added because the catalog is being trained.

**Explanation:** None.

**Component:** Information mining

**Action:** Stop the training or wait until it is finished, then try again.

---

---

9804 No file was added because the catalog is being evaluated.

**Explanation:** None.

**Component:** Information mining

**Action:** Stop the evaluation or wait until it is finished, then try again.

---

9805 The action is not possible as long as training documents are being added. Cancel all uploads and try again, or wait until the running upload process has finished.

**Explanation:** None.

**Component:** Information mining

**Action:** None.

---

9806 No upload process was started for catalog [nnn] in category [nnn] at the specified time.

**Explanation:** None.

**Component:** Information mining

**Action:** None.

---

9807 No file was added because the catalog is locked by user [nnn].

**Explanation:** None.

**Component:** Information mining

**Action:** None.

---

9808 Training documents can only be added to categories. Select a category in this catalog and try again.

**Explanation:** None.

**Component:** Information mining

**Action:** None.

---

9810 One of the categories you specified no longer exists. Return to the training document list and try again.

**Explanation:** None.

**Component:** Information mining

**Action:** None.

---

---

9811 Specify one or more categories the training documents should be copied to.

**Explanation:** None.

**Component:** Information mining

**Action:** None.

---

9812 The training document(s) you specified have been deleted from this category. No action was performed.

**Explanation:** None.

**Component:** Information mining

**Action:** None.

---

9813 [nnn] of [nnn] training documents were copied successfully. The others have already been deleted from this category and could not be copied.

**Explanation:** None.

**Component:** Information mining

**Action:** None.

---

9820 You tried to perform [nnn] evaluation iterations. The maximum number of iterations allowed is [nnn]. Specify a new value and try again.

**Explanation:** None.

**Component:** Information mining

**Action:** Specify a new value for the evaluation iterations and retry the evaluation.

---

9821 You tried to stop the evaluation of catalog [nnn]. This catalog is currently not being evaluated, maybe evaluation has already finished. No action was performed.

**Explanation:** None.

**Component:** Information mining

**Action:** None.

---

9822 Unlocking catalog [nnn] is not possible as long as evaluation is running. Stop evaluation and try again, or wait until evaluation has finished.

**Explanation:** You cannot unlock a catalog while it is being evaluated.

**Component:** Information mining

**Action:** Stop the evaluation process or wait until it is finished.

---

---

**9823**      **Logoff is not possible as long as evaluation is running on catalog [nmn]. Stop evaluation and try again, or wait until evaluation has finished.**

**Explanation:** You cannot log off the catalog while it is being evaluated.

**Component:** Information mining

**Action:** Stop the evaluation process or wait until it is finished.

---

**9824**      **Logoff is not possible as long as evaluation processes are running on catalogs [nmn]. Stop all evaluation processes and try again, or wait until all evaluation processes have finished.**

**Explanation:** You cannot log off a catalog while it is being evaluated.

**Component:** Information mining

**Action:** Stop the evaluation process or wait until it is finished.

---

**9825**      **You tried to modify catalog [nmn], which is currently being evaluated. Stop evaluation and try again, or wait until evaluation has finished. No changes were applied.**

**Explanation:** You cannot change a catalog while it is being evaluated.

**Component:** Information mining

**Action:** Stop the evaluation process or wait until it is finished.

---

**9830**      **The file [nmn] could not be added.**

**Explanation:** None.

**Component:** Information mining

**Action:** None.

---

**9831**      **The following error occurred while trying to retrieve the content of file: [nmn].**

**Explanation:** None.

**Component:** Information mining

**Action:** None.

---

**9832**      **The training document could not be added.**

**Explanation:** None.

**Component:** Information mining

**Action:** None.

---

**9833**      **Check the upload status page for details.**

**Explanation:** None.

**Component:** Information mining

**Action:** None.

---

**9834**      **The following files could not be uploaded to the server: [nmn]. No upload status information was found for this category.**

**Explanation:** None.

**Component:** Information mining

**Action:** None.

---

**9840**      **No upload status information was found for this catalog. It may have been renamed or deleted. Select another catalog in the catalog tree.**

**Explanation:** None.

**Component:** Information mining

**Action:** None.

---

**9841**      **No upload status information was found for this category. It may have been renamed or deleted. Select another category in the catalog tree.**

**Explanation:** None.

**Component:** Information mining

**Action:** None.

---

**9851**      **An internal error occurred. No action was performed. Maybe the server was too busy to process your request. More information can be found in the Server Log files. Contact your administrator.**

**Explanation:** An internal error occurred.

**Component:** Information mining

**Action:** Record the error information from the server error log files, and see your system administrator.

---

**9852**      **Specify a directory, or one or more files to upload and try again.**

**Explanation:** None.

**Component:** Information mining

**Action:** None.

---

**9853**      **Either files or a directory can be selected, but not both.**

**Explanation:** None.

**Component:** Information mining

**Action:** Select either files or a directory, and retry the operation.

---

**9854**      **Only one directory can be selected.**

**Explanation:** You selected more than one directory.

**Component:** Information mining

**Action:** Select one directory and retry the operation.

---

**9855**      **Exception occurred while trying to obtain your selection. Try again.**

**Explanation:** None.

**Component:** Information mining

**Action:** None.

---

**9856**      **Wait until all uploads have finished, then click OK.**

**Explanation:** None.

**Component:** Information mining

**Action:** None.

---

**9857**      **Select one or more categories, and try again.**

**Explanation:** None.

**Component:** Information mining

**Action:** None.

---

**9858**      **Enter a name for the catalog or category.**

**Explanation:** None.

**Component:** Information mining

**Action:** None.

---

**9859**      **You are not logged in to the IST. Log in to the IST first.**

**Explanation:** You tried to log into the Information Mining Structuring Tool (IST) without using the login panel.

**Component:** Information mining

**Action:** Point your browser to the login panel.

---

---

**9860**      **There is a setup problem: couldn't find locale key. Contact your administrator.**

**Explanation:** A setup problem occurred.

**Component:** Information mining

**Action:** See your system administrator.

---

**9861**      **The catalog or category you selected no longer exists. It was renamed or deleted by another user. The tree view was updated.**

**Explanation:** You selected a catalog or category that does not exist.

**Component:** Information mining

**Action:** None.

---

**9862**      **Specify a name for the catalog or category.**

**Explanation:** None.

**Component:** Information mining

**Action:** None.

---

**9874**      **You must use SSL to log on to the resource manager administrative function.**

**Explanation:** You used an insecure connection to send the logon information.

**Component:** Information mining

**Action:** Resend the logon request via a secure socket layer connection.

---

**9880**      **Environment variable CMBROOT is not set. Configuring the IST failed. Set the variable to your EIP home directory and try again.**

**Explanation:** None.

**Component:** Information mining

**Action:** None.

---

**9881**      **One or all of the following files, applets.jar, clientUpload.jar and clientTree.jar could not be found at [nnn]. Configuring the IST failed. Set your CMBROOT environment variable correctly and try again.**

**Explanation:** None.

**Component:** Information mining

**Action:** None.

---

---

9882      **One or all of the following files, applets.jar, clientUpload.jar and clientTree.jar could not be found at [nnn]. Configuring the IST failed.**

**Explanation:** None.

**Component:** Information mining

**Action:** None.

---

9883      **One or all of the following files, [nnn]/applets.jar, [nnn] clientUpload.jar and clientTree.jar could not be found at [nnn]. Configuring the IST failed.**

**Explanation:** None.

**Component:** Information mining

**Action:** None.

---

9884      **The IST could not be found at [nnn]. Configuring the IST failed. Make sure that the IST is already deployed. If you deployed it to a different directory than [nnn], invoke ISTconfig again as follows: ISTconfig IST-Deploy-Dir. IST-Deploy-Dir is the directory where the IST was deployed, for example, ISTconfig d:\WebSphere\AppServer\InstalledApps. A directory named 'IST.ear' must exist in this directory.**

**Explanation:** None.

**Component:** Information mining

**Action:** None.

---

9885      **Cannot write to [nnn]. Configuring the IST failed. Change the access permissions and try again.**

**Explanation:** None.

**Component:** Information mining

**Action:** None.

---

9886      **Could not copy one or all of the following files, applets.jar, clientUpload.jar and clientTree.jar from [nnn] to [nnn]. Configuring the IST failed. Resolve the problem and try again.**

**Explanation:** None.

**Component:** Information mining

**Action:** See the preceding file system/operating system message for action.

---

---

9887      **Could not copy [nnn], return code [nnn]. Configuring the IST failed. Resolve the problem and try again.**

**Explanation:** None.

**Component:** Information mining

**Action:** See the preceding file system/operating system message for action.

---

9950      **Usage: IkfReorg [userID] [password] [database].**

**Explanation:** To access the database for initialization, an administrator user ID with password and the name of the database is needed. You also need to specify the cmbroot installation directory.

**Component:** Information mining

**Action:** Specify an administrator user ID with password and the name of the database.

---

9951      **Some parameters were not specified; the following defaults will be used: user ID=[nnn], password=[nnn], database=[nnn].**

**Explanation:** Because no parameters, or not all parameters were specified, defaults will be used.

**Component:** Information mining

**Action:** Specify correct values if defaults are not suitable.

---

9952      **The Information Mining model could not be initialized.**

**Explanation:** The system failed to install information mining.

**Component:** Information mining

**Action:** See your system administrator or IBM service representative.

---

9953      **This operation will delete all Information Mining data from the specified database. This operation cannot be undone.**

**Explanation:** None.

**Component:** Information mining

**Action:** Make sure that you want this information deleted before continuing.

---



---

**9970**      **Usage: IkfReorg** [*userID*] [*password*] [*database*].

**Explanation:** To access the database for reorganization, an administrator user ID with password and the name of the database is needed.

**Component:** Information mining

**Action:** Specify an administrator user ID with password and the name of the database.

---

**9971**      **Some parameters were not specified; the following defaults will be used: user ID=[*nnn*], password=[*nnn*], database=[*nnn*].**

**Explanation:** Because no parameters, or not all parameters, were specified, defaults will be used.

**Component:** Information mining

**Action:** Specify correct values if defaults are not suitable.

---

**9972**      **Connecting to the datastore...**

**Explanation:** None.

**Component:** Information mining

**Action:** None.

---

**9973**      **Connected to datastore** [*nnn*].

**Explanation:** The operator successfully connected to the content server.

**Component:** Information mining

**Action:** None.

---

**9974**      **Reorganized text index with ID** [*nnn*] **and name** [*nnn*].

**Explanation:** The text index was successfully recognized with the given user ID and name.

**Component:** Information mining

**Action:** None.

---

**9975**      **Text index with ID** [*nnn*] **and name** [*nnn*] **is not accessible.**

**Explanation:** None.

**Component:** Information mining

**Action:** None.

---

**9976**      **Datastore disconnected.**

**Explanation:** None.

**Component:** Information mining

**Action:** None.



---

## Chapter 10. Content Manager library server return codes, ICM4751 - ICM8012

Some messages from the Enterprise Information Portal APIs include return codes. Generally, return codes are used by your IBM service representative to diagnose system problems. You are not expected to take action independently. Return codes are recorded in the library server log, ICMSERVER.LOG. Use the return code number (for example, ICM4751) or the error ID to find the return code in ICMSERVER.LOG. For the location of ICMSERVER.LOG on Windows, AIX, and Sun Solaris, see Chapter 1, "Logging and tracing" on page 1.

---

**ICM4751**     **Warning: Maximum number of logged users reached. System Control Parameter MAXUSERS is set in the configuration dialog by your system administrator.**

**Explanation:** This is only a warning message. Logon is still allowed.

**Component:** Library server

**Error ID:** RC\_LOGON\_MAX\_USER\_WARNING

**Action:** 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.

---

**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.

**Component:** Library server

**Error ID:** RC\_ALLOC\_ERROR

**Action:** See the server log for details and see your IBM service representative.

---

**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.

**Component:** Library server

**Error ID:** RC\_ATTRDEF\_INUSE

**Action:** Do not try to change an attribute that is already in use.

---

**ICM7003**     **This is an internal error. See your IBM service representative.**

**Explanation:** None.

**Component:** Library server

**Error ID:** RC\_COMPILEACL\_ERROR

**Action:** See your IBM service representative.

---

**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:** None.

**Component:** Library server

**Error ID:** RC\_DATASTREAM\_BUILD\_ERROR

**Action:** Follow the recommended action in the message text.

---

**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 log, and see your IBM service representative.**

**Explanation:** None.

**Component:** Library server

**Error ID:** RC\_DATASTREAM\_PARSE\_ERROR

**Action:** Follow the recommended action in the message text.

---

**ICM7006** The access module required to access a component table could not be loaded. The server log contains the name of the access module and the component type that must be built. Delete and re-create the item type and verify the access module is correctly built.

**Explanation:** None.

**Component:** Library server

**Error ID:** RC\_DLL\_LOAD\_ERROR

**Action:** See the server log for the names of the access module and the component type that must be built, and make sure that they are correctly built.

---

**ICM7007** The access module required to access a component table has not been built correctly. The server log contains the name of the access module and the component type that must be built. Delete and re-create the item type and verify the access module is correctly built.

**Explanation:** The access module required to access a component table is not correctly built. This error can be caused by incorrect access module or incorrect item type.

**Component:** Library server

**Error ID:** RC\_DLL\_NOT\_READY

**Action:** See the server log for the names of the access module and the component type that must be built, and make sure that they are correctly built.

---

**ICM7008** An error occurred while executing an "access module". Save the server log and see your IBM service representative.

**Explanation:** None.

**Component:** Library server

**Error ID:** RC\_DLL\_UNEXPECTED\_ERROR

**Action:** See the server log for the names of the access module and the component type that must be built, and make sure that they are correctly built.

---

**ICM7009** The attribute being defined already exists.

**Explanation:** You tried to define an attribute that already exists in the library server.

**Component:** Library server

**Error ID:** RC\_DUPLICATE\_ATTRDEF

**Action:** None.

---

**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.

**Component:** Library server

**Error ID:** RC\_DUPLICATE-NLSKEYWORDDEF

**Action:** See your IBM service representative.

---

**ICM7011** The access module or an exit does not contain the required function name. If the server log shows that an access module was being loaded, delete and re-create the item type and try again. If the problem persists, see your IBM service representative. If the error is in loading an exit, review the documentation for the exit to determine the proper function name and parameters.

**Explanation:** None.

**Component:** Library server

**Error ID:** RC\_GET\_PROC\_ADDRESS\_ERROR

**Action:** Follow the recommended action in the message text.

---

**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.

**Component:** Library server

**Error ID:**  
RC\_UNEXPECTED\_AUTO\_FOLDER\_ERROR

**Action:** Follow the recommended action in the message text.

---

**ICM7015** During an SQL operation in the library server, an unexpected error occurred. For details on the error, from a DB2 command prompt enter DB2 ? SQLnnnn.

**Explanation:** None.

**Component:** Library server

**Error ID:** RC\_UNEXPECTED\_SQL\_ERROR

**Action:** See *IBM DB2 Universal Database Version 7.1 Message Reference* for more information.

---

**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.

**Component:** Library server

**Error ID:** RC\_ATTRIBUTE\_VALUE\_REQUIRED

**Action:** Follow the recommended action in the message text.

---

**ICM7019** The environment variable "ICMROOT" is not defined.

**Explanation:** None.

**Component:** Library server

**Error ID:** RC\_ICMROOT\_VAR\_NOT\_FOUND

**Action:** Define the environment variable ICMROOT.

---

**ICM7020** An error occurred while accessing the table ICMSTSYSCONTROL. Refer to the server log for more information.

**Explanation:** None.

**Component:** Library server

**Error ID:** RC\_ICMSYSCONTROL\_ACCESS\_ERROR

**Action:** See the server log for more information and see your IBM service representative.

---

**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.

**Component:** Library server

**Error ID:** RC\_MAKE\_DIR\_ERROR

**Action:** See the server log for more information and see your IBM service representative.

---

---

**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.

**Component:** Library server

**Error ID:** RC\_KEYWORD\_INUSE

**Action:** Follow the recommended action in the message text.

---

**ICM7024** When creating a user-defined link type, the name specified has already been used.

**Explanation:** None.

**Component:** Library server

**Error ID:** RC\_LINKTYPE\_INUSE

**Action:** Specify a different name for this link type.

---

**ICM7025** This is an internal error. See your IBM service representative.

**Explanation:** None.

**Component:** Library server

**Error ID:** RC\_DUPLICATE\_PRIVDEFECODE

**Action:** See your IBM service representative.

---

**ICM7027** The name being defined already exists. Enter another name, or correct the application.

**Explanation:** None.

**Component:** Library server

**Error ID:** RC\_DUPLICATE\_NAME

**Action:** Follow the recommended action in the message text.

---

**ICM7028** Used only for internal testing.

**Explanation:** None.

**Component:** Library server

**Error ID:** RC\_SQL\_PREPARE\_BIND\_ERROR

**Action:** See your IBM service representative.

---

---

**ICM7030**    **Used only for internal testing.**  
**Explanation:** None.  
**Component:** Library server  
**Error ID:** RC\_CHILD\_TYPE\_VALIDATION\_ERROR  
**Action:** See your IBM service representative.

---

**ICM7037**    **Used only for internal testing.**  
**Explanation:** None.  
**Component:** Library server  
**Error ID:**  
RC\_COMPONENT\_STRUCT\_POINTER\_ERROR  
**Action:** See your IBM service representative.

---

**ICM7038**    **Used only for internal testing.**  
**Explanation:** None.  
**Component:** Library server  
**Error ID:** RC\_ITEM\_VALIDATION\_FAILED  
**Action:** See your IBM service representative.

---

**ICM7039**    **Used only for internal testing.**  
**Explanation:** None.  
**Component:** Library server  
**Error ID:** RC\_INVALID\_CHILDTYPE\_STRUCT\_SIZE  
**Action:** See your IBM service representative.

---

**ICM7040**    **Used only for internal testing.**  
**Explanation:** None.  
**Component:** Library server  
**Error ID:**  
RC\_CHILD\_TYPE\_STRUCT\_POINTER\_ERROR  
**Action:** See your IBM service representative.

---

**ICM7043**    **Internal Error - invalid AutoLinkSMS code.**  
**Explanation:** None.  
**Component:** Library server  
**Error ID:** RC\_GET\_RM\_DEFAULT\_ERROR  
**Action:** See your IBM service representative.

---

---

**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.  
**Component:** Library server  
**Error ID:** RC\_RM\_DEFAULT\_VALUE\_NOT\_FOUND

**Action:** Follow the recommended action in the message text.

---

**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.  
**Component:** Library server  
**Error ID:**  
RC\_PARM\_ELEMENTID\_CONFLICT\_ERROR

**Action:** Follow the recommended action in the message text.

---

**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.  
**Component:** Library server  
**Error ID:** RC\_PARM\_DATATYPE\_CONFLICT\_ERROR

**Action:** Follow the recommended action in the message text.

---

**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.  
**Component:** Library server  
**Error ID:** RC\_PARM\_UNKNOWN\_TYPE\_ERROR

**Action:** Follow the recommended action in the message text.

---

---

**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.

**Component:** Library server

**Error ID:** RC\_PARM\_BUFFER\_TOO\_SMALL\_ERROR

**Action:** Follow the recommended action in the message text.

---

**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.

**Component:** Library server

**Error ID:** RC\_PARM\_INVALID\_ELEMENTID\_ERROR

**Action:** Follow the recommended action in the message text.

---

**ICM7051** Keywordcode and KeywordClass being deleted is system-defined.

**Explanation:** System-defined definitions cannot be deleted.

**Component:** Library server

**Error ID:** RC\_KEYWORD\_DELETE\_ERROR

**Action:** Do not delete system-defined definitions.

---

**ICM7052** Keywordcode and KeywordClass being updated is system-defined.

**Explanation:** System-defined definitions cannot be updated.

**Component:** Library server

**Error ID:** RC\_KEYWORD\_UPDATE\_ERROR

**Action:** Do not update system-defined definitions.

---

**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.

**Component:** Library server

**Error ID:** RC\_DUPLICATE\_PRIVSETCODE

**Action:** Follow the recommended action in the message text.

---

**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.

**Component:** Library server

**Error ID:** RC\_DUPLICATE\_PRIVGROUPCODE

**Action:** Follow the recommended action in the message text.

---

**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.

**Component:** Library server

**Error ID:** RC\_PARM\_NULL\_INDICATOR\_ERROR

**Action:** Follow the recommended action in the message text.

---

**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.

**Component:** Library server

**Error ID:** RC\_PARM\_NULL\_INDICATOR\_TYPE\_ERROR

**Action:** Follow the recommended action in the message text.

---

**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.

**Component:** Library server

**Error ID:** RC\_INVALID\_ATTRIBUTE\_STRUCT\_POINTER

**Action:** Follow the recommended action in the message text.

---

**ICM7058**    **Used only for internal testing.**  
**Explanation:** None.  
**Component:** Library server  
**Error ID:** RC\_GET\_COMPTYPE\_INFO\_ERROR  
**Action:** See your IBM service representative.

---

**ICM7059**    **The specified resource manager and collection code is not defined.**  
**Explanation:** None.  
**Component:** Library server  
**Error ID:** RC\_COLLECTION\_NAME\_NOT\_FOUND  
**Action:** Define a resource manager and collection code.

---

**ICM7064**    **An unexpected error occurred when the library server was requesting Text Information Extender (TIE) to create, update, or delete a TIE index. See the library server log for more details. Use the external return code from the library server to check the TIE error message in DB2 UDB TIE documentation. Correct the problem and try again.**  
**Explanation:** None.  
**Component:** Library server  
**Error ID:** RC\_TS\_INDEX\_ERROR  
**Action:** See the DB2 UDB Text Information Extender documentation for more information.

---

**ICM7065**    **Used only for internal testing.**  
**Explanation:** None.  
**Component:** Library server  
**Error ID:** RC\_TRANSACTION\_PENDING  
**Action:** See your IBM service representative.

---

**ICM7066**    **Language code being defined in NLS language table already exists.**  
**Explanation:** None.  
**Component:** Library server  
**Error ID:** RC\_DUPLICATE\_LANGUAGECODE  
**Action:** None.

---

**ICM7067**    **The user ID being added already exists.**  
**Explanation:** None.  
**Component:** Library server

**Error ID:** RC\_DUPLICATE\_USERID  
**Action:** None.

---

**ICM7068**    **An attempt was made to change a system attribute that cannot be changed.**  
**Explanation:** None.  
**Component:** Library server  
**Error ID:** RC\_SYSTEM\_ATTR\_NOT\_CHANGEABLE  
**Action:** Do not change this system attribute.

---

**ICM7069**    **The MimeTypeID specified does not exist.**  
**Explanation:** None.  
**Component:** Library server  
**Error ID:** RC\_MIMETYPEID\_NOT\_FOUND  
**Action:** Specify a MimeTypeID that exists in the library server.

---

**ICM7070**    **Used only for internal testing.**  
**Explanation:** None.  
**Component:** Library server  
**Error ID:** RC\_EVENT\_RECORD\_NOT\_FOUND  
**Action:** See your IBM service representative.

---

**ICM7071**    **The specified component view cannot be deleted because it is being used in an item type view definition.**  
**Explanation:** None.  
**Component:** Library server  
**Error ID:** RC\_COMPVIEW\_INUSE  
**Action:** Do not delete this component view.

---

**ICM7072**    **Work packages can be ordered either by Priority (0) or by Last Accesstime (1 or 2).**  
**Explanation:** None.  
**Component:** Library server  
**Error ID:** RC\_INVALID\_ORDERBY  
**Action:** Order the work packages by either priority or Last Accesstime.



---

**ICM7074** The SQL to be generated is longer than the maximum length allowed. Change the application or simplify the query.

**Explanation:** None.

**Component:** Library server

**Error ID:** RC\_MAX\_SQL\_LEN\_ERROR

**Action:** Follow the recommended action in the message text.

---

**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.

**Component:** Library server

**Error ID:** RC\_RM\_INUSE

**Action:** Do not update this Domain ID.

---

**ICM7076** The specified Domain cannot be deleted because it is being used by other objects.

**Explanation:** None.

**Component:** Library server

**Error ID:** RC\_DOMAIN\_INUSE

**Action:** Do not delete the specified domain.

---

**ICM7077** The specified ACL for the Domain cannot be deleted because it is being used by other users or groups.

**Explanation:** None.

**Component:** Library server

**Error ID:** RC\_DOMAIN\_ACL\_INUSE

**Action:** Do not delete the specified access control list for the domain.

---

**ICM7078** The specified privilege set for the Domain cannot be deleted because it is being used by other users or groups.

**Explanation:** None.

**Component:** Library server

**Error ID:** RC\_DOMAIN\_PRIVSET\_INUSE

**Action:** Do not delete the specified privilege set for the domain.

---

---

**ICM7079** Password for TIE User is NULL. Please see your system administrator to update TIE Password through the system administration client.

**Explanation:** None.

**Component:** Library server

**Error ID:** RC\_PASSWORD\_COLUMN\_NULL

**Action:** Follow the recommended action in the message text.

---

**ICM7080** Attempt to issue an SQL command against a table that is in use by another transaction. Result is SQL return code -911. For more information, enter the following command in a DB2 command window: DB2 ? SQL0911N.

**Explanation:** None.

**Component:** Library server

**Error ID:** RC\_LOCKTIMEOUT\_ERROR

**Action:** Follow the recommended action in the message text.

---

**ICM7081** The XDO class is already being defined for an item type.

**Explanation:** None.

**Component:** Library server

**Error ID:** RC\_XDO\_CLASS\_IN\_USE

**Action:** Do not define the XDO class again.

---

**ICM7082** ComponentTypeClass is not found from ICMSTCOMPDEFS (joined with ICMSTCOMPVIEWDEFS).

**Explanation:** None.

**Component:** Library server

**Error ID:** RC\_COMPTYPECLASS\_NOT\_FOUND

**Action:** See the server log and see your IBM service representative.

---

**ICM7084** A request to create, update, or delete Text Information Extender (TIE) index was made, but the library server cannot connect to TIE, because the TIEUSERID column in ICMSTSYSCONTROL table was NULL. See the documentation on how to enable library server for text search and try again.

**Explanation:** None.

**Component:** Library server

---

**Error ID:** RC\_TIEUSERID\_NULL

**Action:** See *Content Manager System Administration Guide* for more information.

---

**ICM7085** In defining item type relations, the source must be an item type that is a document, or ItemTypeClass=2.

**Explanation:** None.

**Component:** Library server

**Error ID:** RC\_SOURCE\_ITEM\_TYPE\_NOT\_DOC

**Action:** Follow the instructions in the message text.

---

**ICM7086** In defining item type relations, the target must be an item type that is a part, or ItemTypeClass=3.

**Explanation:** None.

**Component:** Library server

**Error ID:** RC\_TARGET\_ITEM\_TYPE\_NOT\_PART

**Action:** Follow the instructions in the message text.

---

**ICM7087** Temporary pointers exceed array size (2500).

**Explanation:** None.

**Component:** Library server

**Error ID:** RC\_TEMP\_PTRS\_OUT\_OF\_BOUNDARY

**Action:** The temporary pointers should not exceed the array size (2500).

---

**ICM7088** TestSearch bit is ON for a system-defined attribute and this is not allowed.

**Explanation:** None.

**Component:** Library server

**Error ID:** RC\_SYSATTR\_CANT\_BE\_TXTSRCH

**Action:** Turn the TestSearch bit off.

---

**ICM7094** This user ID is already logged on.

**Explanation:** This return code is provided only for use by exits. Content Manager does not reject a logon for this reason.

**Component:** Library server

**Error ID:** RC\_ALREADY\_LOGGED\_ON

**Action:** None.

---

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

**Explanation:** None.

**Component:** Library server

**Error ID:** RC\_TARGET\_ITEMID\_NOT\_FOUND

**Action:** Specify a valid item ID.

---

**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.

**Component:** Library server

**Error ID:** RC\_ITEM\_TYPE\_RELATION\_NOT\_FOUND

**Action:** Make sure that a valid item type relation is defined for the document being created.

---

**ICM7098** The new password provided was rejected by the Logon Exit in the server.

**Explanation:** None.

**Component:** Library server

**Error ID:** RC\_INVALID\_NEWPASSWORD

**Action:** See the server log and your system administrator or IBM service representative.

---

**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.

**Component:** Library server

**Error ID:** RC\_INVALID\_USERINFO

**Action:** Follow the recommended action in the message text.

---

**ICM7100** The ACL code specified is not valid.

**Explanation:** None.

**Component:** Library server

**Error ID:** RC\_INVALID\_ACTION

**Action:** Specify a valid access control list code.

---

---

**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.

**Component:** Library server

**Error ID:** RC\_INVALID\_ACTION

**Action:** Follow the recommended action in the message text.

---

**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.

**Component:** Library server

**Error ID:** RC\_INVALID\_ATTRIBUTETYPE

**Action:** Follow the recommended action in the message text.

---

**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.

**Component:** Library server

**Error ID:** RC\_INVALID\_ATTRIBUTE\_ID

**Action:** Follow the recommended action in the message text.

---

**ICM7105** This size of the attribute is invalid.

**Explanation:** This is an internal error.

**Component:** Library server

**Error ID:** RC\_INVALID\_BLOB\_ATTRDEF

**Action:** Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

---

**ICM7106** This size of the attribute is invalid.

**Explanation:** This is an internal error.

**Component:** Library server

**Error ID:** RC\_INVALID\_CHAR\_ATTRDEF

**Action:** Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

---

---

**ICM7107** This size of the attribute is invalid.

**Explanation:** This is an internal error.

**Component:** Library server

**Error ID:** RC\_INVALID\_CLOB\_ATTRDEF

**Action:** Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

---

**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.

**Component:** Library server

**Error ID:** RC\_INVALID\_COMP\_TYPE\_ID

**Action:** Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

---

**ICM7110** This size of the attribute is invalid.

**Explanation:** An internal error occurred.

**Component:** Library server

**Error ID:** RC\_INVALID\_DBCLOB\_ATTRDEF

**Action:** Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

---

**ICM7111** This size of the attribute is invalid.

**Explanation:** An internal error occurred.

**Component:** Library server

**Error ID:** RC\_INVALID\_DECIMAL\_ATTRDEF

**Action:** Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

---

**ICM7112** The data type for the default attribute value is not valid.

**Explanation:** An internal error occurred.

**Component:** Library server

**Error ID:** RC\_INVALID\_DEFAULT\_VALUE

**Action:** Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

---

---

**ICM7119**    **The specified item ID does not exist.**  
**Explanation:** An internal error occurred.  
**Component:** Library server  
**Error ID:** RC\_INVALID\_ITEMID  
**Action:** Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

---

**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.  
**Component:** Library server  
**Error ID:** RC\_INVALID\_ITEM\_TYPE\_ID  
**Action:** Follow the recommended action in the message text.

---

**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.  
**Component:** Library server  
**Error ID:** RC\_INVALID\_LINK\_TYPE\_CODE  
**Action:** Follow the recommended action in the message text.

---

**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.  
**Component:** Library server  
**Error ID:** RC\_INVALID\_PARAMETER  
**Action:** Follow the recommended action in the message text.

---

**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.  
**Component:** Library server  
**Error ID:** RC\_INVALID\_PARENT\_COMP\_TYPE\_ID  
**Action:** Follow the recommended action in the message text.

---

---

**ICM7125**    **The Resource Manager Name supplied for Asynch Recovery name is invalid.**  
**Explanation:** An internal error occurred.  
**Component:** Library server  
**Error ID:** RC\_INVALID\_RMNAME  
**Action:** Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

---

**ICM7127**    **The user ID is not defined or the password is not valid.**  
**Explanation:** An internal error occurred.  
**Component:** Library server  
**Error ID:** RC\_INVALID\_USERID  
**Action:** Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

---

**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.  
**Component:** Library server  
**Error ID:** RC\_INVALID\_USER\_PRIVSET  
**Action:** Provide a new user privilege set that is less than or equal to the user privilege set of the definer.

---

**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.  
**Component:** Library server  
**Error ID:** RC\_INVALID\_VARCHAR\_ATTRDEF  
**Action:** Follow the recommended action in the message text.

---

**ICM7137**    **Specified language code is not defined.**  
**Explanation:** An internal error occurred.  
**Component:** Library server  
**Error ID:** RC\_INVALID\_LANGUAGECODE  
**Action:** Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

---

---

**ICM7138**    **Attribute type is not specified correctly.**  
**Explanation:** An internal error occurred.  
**Component:** Library server  
**Error ID:** RC\_INVALID\_SYSTEM\_ATTRIBUTE  
**Action:** Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

---

**ICM7141**    **Keyword code is not specified correctly.**  
**Explanation:** An internal error occurred.  
**Component:** Library server  
**Error ID:** RC\_INVALID\_KEYWORDCODE  
**Action:** Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

---

**ICM7143**    **Keyword class is not specified for update keyword description.**  
**Explanation:** An internal error occurred.  
**Component:** Library server  
**Error ID:** RC\_INVALID\_KEYWORDCLASS  
**Action:** Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

---

**ICM7148**    **Provided ACL binding level is not defined to the system.**  
**Explanation:** An internal error occurred.  
**Component:** Library server  
**Error ID:** RC\_INVALID\_ACLBINDING  
**Action:** Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

---

**ICM7151**    **Used only for internal testing.**  
**Explanation:** None.  
**Component:** Library server  
**Error ID:** RC\_INVALID\_RCSTRUCT  
**Action:** None.

---

**ICM7152**    **Used only for internal testing.**  
**Explanation:** None.  
**Component:** Library server  
**Error ID:** RC\_INVALID\_CONNECT\_STRUCTPTR  
**Action:** None.

---

**ICM7153**    **Used only for internal testing.**  
**Explanation:** None.  
**Component:** Library server  
**Error ID:** RC\_INVALID\_CONNECT\_STRUCT  
**Action:** None.

---

**ICM7154**    **Used only for internal testing.**  
**Explanation:** None.  
**Component:** Library server  
**Error ID:** RC\_INVALID\_SESSION\_STRUCTPTR  
**Action:** None.

---

**ICM7155**    **Used only for internal testing.**  
**Explanation:** None.  
**Component:** Library server  
**Error ID:** RC\_INVALID\_SESSION\_STRUCT  
**Action:** None.

---

**ICM7156**    **Used only for internal testing.**  
**Explanation:** None.  
**Component:** Library server  
**Error ID:** RC\_INVALID\_PRIVCODE  
**Action:** None.

---

**ICM7158**    **Used only for internal testing.**  
**Explanation:** None.  
**Component:** Library server  
**Error ID:** RC\_INVALID\_PRIVSET  
**Action:** None.

---

**ICM7159**    **Used only for internal testing.**  
**Explanation:** None.  
**Component:** Library server  
**Error ID:** RC\_PASSWORD\_CHANGE\_ERROR  
**Action:** None.

---

**ICM7160**    **Maximum number of concurrent users reached.**  
**Explanation:** Logon is rejected because the maximum number of concurrent users is reached.  
**Component:** Library server  
**Error ID:** RC\_LOGON\_MAX\_USER\_ERROR

**Action:** 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.

---

**ICM7161**    **Used only for internal testing.**

**Explanation:** None.

**Component:** Library server

**Error ID:** RC\_INVALID\_PRIVGP

**Action:** None.

---

**ICM7162**    **The UserToken created by ICMLogon has been changed.**

**Explanation:** An internal error occurred.

**Component:** Library server

**Error ID:** RC\_INVALID\_USERTOKEN

**Action:** Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

---

**ICM7164**    **The event code being used is not defined.**

**Explanation:** An internal error occurred.

**Component:** Library server

**Error ID:** RC\_INVALID\_EVENTCODE

**Action:** Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

---

**ICM7165**    **Used only for internal testing.**

**Explanation:** None.

**Component:** Library server

**Error ID:** RC\_DATABASE\_NOT\_STARTED

**Action:** None.

---

**ICM7166**    **Attribute name length is greater than 15.**

**Explanation:** An internal error occurred.

**Component:** Library server

**Error ID:** RC\_INVALID\_ATTRIBUTE\_NAME

**Action:** Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

---

**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.

**Component:** Library server

**Error ID:** RC\_MISSING\_INPUT\_DATA

**Action:** Follow the recommended action in the message text.

---

**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.

**Component:** Library server

**Error ID:** RC\_TRANID\_NOT\_FOUND

**Action:** Follow the recommended action in the message text.

---

**ICM7169**    **Specified sLinkOption > 2 or sLinkOption < 0.**

**Explanation:** An internal error occurred.

**Component:** Library server

**Error ID:** RC\_INVALID\_LINK\_OPTION

**Action:** Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

---

**ICM7170**    **An internal error occurred.**

**Explanation:** None.

**Component:** Library server

**Error ID:** RC\_TRANID\_NOT\_PROVIDED

**Action:** Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

---

**ICM7171**    **A new password has to be provided when logging on to Content Manager.**

**Explanation:** The password you provided has expired.

**Component:** Library server

**Error ID:** RC\_PASSWORD\_EXPIRED

**Action:** Provide a new password.

---

---

**ICM7172**    **The password provided is invalid for this user ID, or it is NULL.**

**Explanation:** None.

**Component:** Library server

**Error ID:** RC\_INVALID\_PASSWORD

**Action:** Provide a valid password for this user ID.

---

**ICM7173**    **The maximum number of failed attempts to log on to Content Manager was reached. See your system administrator for a new password.**

**Explanation:** None.

**Component:** Library server

**Error ID:** RC\_MAX\_LOGON\_PASSWORD\_ENTRY

**Action:** See your system administrator for a new password.

---

**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.

**Component:** Library server

**Error ID:** RC\_INVALID\_COMPOSITEATTR\_NAME

**Action:** Make sure that the composite attribute name does not exceed 32 characters and the description does not exceed 254 characters.

---

**ICM7175**    **Composite attribute description being used is not specified correctly.**

**Explanation:** An internal error occurred.

**Component:** Library server

**Error ID:** RC\_INVALID\_COMPOSITEATTR\_DESC

**Action:** See your IBM service representative.

---

**ICM7176**    **Used only for internal testing.**

**Explanation:** None.

**Component:** Library server

**Error ID:** RC\_CONNECTION\_CLOSED

**Action:** None.

---

**ICM7178**    **Used only for internal testing.**

**Explanation:** None.

**Component:** Library server

**Error ID:** RC\_TARGET\_NOT\_AUTOLINK\_ENABLED

**Action:** None.

---

**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.

**Component:** Library server

**Error ID:** RC\_CYCLIC\_LINK\_ERROR

**Action:** Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

---

**ICM7180**    **An internal error occurred.**

**Explanation:** None.

**Component:** Library server

**Error ID:** RC\_INVALID\_INDICATOR\_LISTALL

**Action:** Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

---

**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.

**Component:** Library server

**Error ID:** RC\_LIMIT\_MALLOC\_PTR\_ERROR

**Action:** Follow the recommended action in the message text.

---

**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.

**Component:** Library server

**Error ID:** RC\_LIMIT\_NUM\_INPUT\_IDS

**Action:** Follow the recommended action in the message text.

---

**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.

**Component:** Library server

**Error ID:** RC\_LIMIT\_CHILD\_COMPONENT

**Action:** Follow the recommended action in the message text.

---

**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.

**Component:** Library server

**Error ID:** RC\_LIMIT\_HIERARCH\_LEVEL

**Action:** Follow the recommended action in the message text.

---

**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.

**Component:** Library server

**Error ID:** RC\_LIMIT\_TABLE\_PERLEVEL

**Action:** Follow the recommended action in the message text.

---

**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.

**Component:** Library server

**Error ID:** RC\_LIMIT\_COMPONENTIDS

**Action:** Follow the recommended action in the message text.

---

**ICM7187** The component type cannot be updated.

**Explanation:** None.

**Component:** Library server

**Error ID:** RC\_UPDATE\_NOT\_ALLOWED

**Action:** Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

---

**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.

**Component:** Library server

**Error ID:** RC\_COMP\_TYPE\_ALREADY\_DEFINED

**Action:** Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

---

**ICM7189** This workflow diagram is checked out by another user.

**Explanation:** An internal error occurred.

**Component:** Library server

**Error ID:** RC\_DIAGRAM\_CHECKOUT

**Action:** Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

---

**ICM7190** This workflow diagram is not checked out.

**Explanation:** An internal error occurred.

**Component:** Library server

**Error ID:** RC\_DIAGRAM\_NOT\_CHECKEDOUT

**Action:** Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

---

**ICM7191** This DB2 user ID does not have the privilege to log on with a different Content Manager user ID.

**Explanation:** An internal error occurred.

**Component:** Library server

**Error ID:**  
RC\_PRIV\_ALLOWCONNECT\_TOLOGON\_ERROR

**Action:** Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

---

**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.

**Component:** Library server

**Error ID:** RC\_ICMDLL\_VAR\_NOT\_FOUND

**Action:** Follow the recommended action in the message text.



---

**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.

**Component:** Library server

**Error ID:** RC\_ICMCOMP\_VAR\_NOT\_FOUND

**Action:** Follow the recommended action in the message text.

---

**ICM7195** The minimum value for an attribute is invalid.

**Explanation:** An internal error occurred.

**Component:** Library server

**Error ID:** RC\_INVALID\_MIN\_VALUE\_FOR\_INTEGER

**Action:** Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

---

**ICM7196** The minimum value for an attribute is invalid.

**Explanation:** An internal error occurred.

**Component:** Library server

**Error ID:**  
RC\_INVALID\_MIN\_VALUE\_FOR\_SMALLINT

**Action:** Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

---

**ICM7198** The user ID that was used to connect to the database does not have the privilege to log on without a password.

**Explanation:** An internal error occurred.

**Component:** Library server

**Error ID:** RC\_PRIV\_TRUSTEDLOGON\_ERROR

**Action:** Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

---

**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.

**Component:** Library server

**Error ID:** RC\_ATTRIBUTE\_NOT\_FOUND

**Action:** Follow the recommended action in the message text.

---

**ICM7200** Value of XDOClassID in the database is invalid. Valid values are 1 through 5.

**Explanation:** None.

**Component:** Library server

**Error ID:** RC\_INVALID\_XDOCLASSID

**Action:** Specify XDOClassID with a valid value.

---

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

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

**Component:** Library server

**Error ID:** RC\_PRIV\_CHECKOUTITEM\_ERROR

**Action:** Do not check out these items.

---

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

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

**Component:** Library server

**Error ID:** RC\_PRIV\_DELETEITEM\_ERROR

**Action:** Do not delete these items.

---

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

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

**Component:** Library server

**Error ID:** RC\_PRIV\_ITEMTYPE\_ERROR

**Action:** Do not list these item types.

---

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

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

**Component:** Library server

**Error ID:** RC\_PRIV\_QUERYITEM\_ERROR

**Action:** Do not query these items.

---

**ICM7215** The user does not have the privilege required to perform the requested operation. The privilege code is contained in the Reason Code returned from the library server.

**Explanation:** None.

**Component:** Library server

**Error ID:** RC\_PRIV\_GENERAL\_ERROR

**Action:** See the server log for more information and see your IBM service representative.

---

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

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

**Component:** Library server

**Error ID:** RC\_PRIV\_UPDATE\_ITEM\_ERROR

**Action:** Do not update the item.

---

**ICM7221** An internal error occurred.

**Explanation:** None.

**Component:** Library server

**Error ID:** RC\_PRIV\_SELECT\_ERROR

**Action:** Save the server log and see your IBM service representative.

---

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

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

**Component:** Library server

**Error ID:** RC\_PRIV\_ITEM\_ACL\_ERROR

**Action:** Do not perform the requested operation.

---

**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.

**Component:** Library server

**Error ID:** RC\_PRIV\_ITEMVIEW\_ERROR

**Action:** 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.

---

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

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

**Component:** Library server

**Error ID:** RC\_PRIV\_CREATE\_ITEM\_ERROR

**Action:** None.

---

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

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

**Component:** Library server

**Error ID:** RC\_PRIV\_DELETE\_DOC\_ERROR

**Action:** Do not delete this document.

---

**ICM7250** The maximum number of component records for a component type has been exceeded.

**Explanation:** An internal error occurred.

**Component:** Library server

**Error ID:** RC\_COMPONENT\_CARDINALITY\_ERROR

**Action:** Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

---

**ICM7251** There are not attributes associated with the specified component type.

**Explanation:** An internal error occurred.

**Component:** Library server

**Error ID:** RC\_COMPONENT\_ATTRS\_NOT\_FOUND

**Action:** Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

---

**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.

**Component:** Library server

**Error ID:** RC\_COMPONENT\_VIEW\_NAME\_NOT\_FOUND

**Action:** Follow the recommended action in the message text.

---

**ICM7302**    **An internal error occurred.**  
**Explanation:** None.  
**Component:** Library server  
**Error ID:** RC\_COMPTYPE\_CREATE\_INDEX\_ERROR  
**Action:** Save the server log and see your IBM service representative.

---

**ICM7304**    **An error occurred while creating a view for the component table. Review the server log for DB2 errors. If necessary, see your IBM service representative.**  
**Explanation:** An internal error occurred.  
**Component:** Library server  
**Error ID:** RC\_COMPTYPE\_CREATE\_VIEW\_ERROR  
**Action:** Follow the recommended action in the message text.

---

**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 ICMxxxx.TX files (for example, ICMVxxxx.tx1) for details.**  
**Explanation:** An internal error occurred.  
**Component:** Library server  
**Error ID:** RC\_COMPTYPE\_PREP\_ERROR  
**Action:** Follow the recommended action in the message text.

---

**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 ICMxxxx.TX files (for example, ICMVxxxx.tx2) for details.**  
**Explanation:** An internal error occurred.  
**Component:** Library server  
**Error ID:** RC\_COMPTYPE\_BIND\_ERROR  
**Action:** Follow the recommended action in the message text.

---

**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 ICMxxxx.TX files (for example, ICMVxxxx.tx3) for details.**  
**Explanation:** An internal error occurred.  
**Component:** Library server

---

**Error ID:** RC\_COMPTYPE\_COMPILE\_ERROR  
**Action:** Follow the recommended action in the message text.

---

**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 ICMxxxx.TX files (for example, ICMVxxxx.tx4) for details.**  
**Explanation:** An internal error occurred.  
**Component:** Library server  
**Error ID:** RC\_COMPTYPE\_LINK\_ERROR  
**Action:** Follow the recommended action in the message text.

---

**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 ICMxxxx.TX files (for example, ICMVxxxx.tx4) for details.**  
**Explanation:** An internal error occurred.  
**Component:** Library server  
**Error ID:** RC\_COMPTYPE\_SELECT\_ERROR  
**Action:** Follow the recommended action in the message text.

---

**ICM7310**    **Too many attributes specified for the component type (max 250).**  
**Explanation:** You cannot specify more than 250 attributes for this component type.  
**Component:** Library server  
**Error ID:** RC\_COMPTYPE\_TOO\_MANY\_ATTRIBUTE\_ERROR  
**Action:** Specify 250 attributes or less for this component type.

---

**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.  
**Component:** Library server  
**Error ID:** RC\_COMPTYPE\_CURSOR\_ERROR  
**Action:** Follow the recommended action in the message text.

---

**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 ICMxxxx.TX files for details.**

**Explanation:** An internal error occurred.

**Component:** Library server

**Error ID:** RC\_GENERATE\_FILE\_ERROR

**Action:** Follow the recommended action in the message text.

---

**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.

**Component:** Library server

**Error ID:** RC\_DOC\_COMPTYPE\_NOT\_FOUND

**Action:** Follow the recommended action in the message text.

---

**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.

**Component:** Library server

**Error ID:** RC\_COMPONENTTYPEID\_NOT\_FOUND

**Action:** Follow the recommended action in the message text.

---

**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.

**Component:** Library server

**Error ID:**  
RC\_COMPTYPE\_TOO\_MUCH\_DATA\_ERROR

**Action:** Modify the application to specify less data.

---

**ICM7317**    **Unable to access the record in ICMSTSYSCONTROL.**

**Explanation:** An internal error occurred.

**Component:** Library server

**Error ID:** RC\_SYS\_CONTROL\_DATA\_NOT\_FOUND

**Action:** Run the application again with the server

trace set to Detail and Data. Save the server log and see your IBM service representative.

---

**ICM7318**    **Old DLLs for this component type already exist and cannot be deleted.**

**Explanation:** An internal error occurred.

**Component:** Library server

**Error ID:** RC\_COMPTYPE\_DLL\_ALREADY\_EXISTS

**Action:** Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

---

**ICM7350**    **Cannot delete a system-defined item type.**

**Explanation:** You tried to delete a system-defined item type.

**Component:** Library server

**Error ID:** RC\_ITEMTYPE\_DELETE\_ERROR

**Action:** Do not delete a system-defined item type.

---

**ICM7351**    **The item type name already exists.**

**Explanation:** You tried to create a new item type whose name already exists in the library server.

**Component:** Library server

**Error ID:** RC\_ITEMTYPE\_DUPLICATE\_NAME

**Action:** Make sure that your new item type name is unique.

---

**ICM7358**    **Cannot locate item type information associated with the component.**

**Explanation:** An internal error occurred.

**Component:** Library server

**Error ID:** RC\_ITEMTYPE\_UPDATE\_ERROR

**Action:** Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

---

**ICM7359**    **Cannot update a system-defined item type.**

**Explanation:** You tried to update a system-defined item type.

**Component:** Library server

**Error ID:** RC\_ITEMTYPE\_UPDATE\_ERROR

**Action:** Do not update a system-defined item type.

---

---

**ICM7360**    **Item type class is not found from ICMSTITEMTYPEDEFS.**

**Explanation:** An internal error occurred.

**Component:** Library server

**Error ID:** RC\_ITEMTYPECLASS\_NOT\_FOUND

**Action:** Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

---

**ICM7400**    **The requested item has already been checked out by another user.**

**Explanation:** None.

**Component:** Library server

**Error ID:** RC\_ITEM\_CHECKEDOUT\_BYOTHER

**Action:** Make sure that an item is not checked out by another user before requesting it.

---

**ICM7401**    **Error deleting the item record.**

**Explanation:** An internal error occurred.

**Component:** Library server

**Error ID:** RC\_ITEM\_DELETE\_ERROR

**Action:** Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

---

**ICM7402**    **Specified item ID does not exist.**

**Explanation:** None.

**Component:** Library server

**Error ID:** RC\_ITEM\_ID\_NOT\_FOUND

**Action:** Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

---

**ICM7403**    **Error creating a unique item ID.**

**Explanation:** An internal error occurred.

**Component:** Library server

**Error ID:** RC\_ITEM\_INSERT\_ERROR

**Action:** Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

---

**ICM7404**    **The specified item cannot be deleted because it is linked to other items.**

**Explanation:** None.

**Component:** Library server

**Error ID:** RC\_ITEM\_MULTIPLE\_PARENTS

**Action:** Make sure that the specified item is not linked to other items before deleting it.

---

**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.

**Component:** Library server

**Error ID:** RC\_ITEM\_NOT\_CHECKEDOUT

**Action:** Check out an item before checking it in.

---

**ICM7408**    **An error occurred while creating a view for the component table. Review the server log for DB2 errors. If necessary, see your IBM service representative.**

**Explanation:** An internal error occurred.

**Component:** Library server

**Error ID:** RC\_ITEM\_SELECT\_ERROR

**Action:** Follow the recommended action in the message text.

---

**ICM7409**    **An error occurred while creating a view for the component table. Review the server log for DB2 errors. If necessary, see your IBM service representative.**

**Explanation:** None.

**Component:** Library server

**Error ID:** RC\_ITEM\_UPDATE\_ERROR

**Action:** Follow the recommended action in the message text.

---

**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.

**Component:** Library server

**Error ID:** RC\_ITEMID\_NOT\_IN\_COMPTYPEID

**Action:** Follow the recommended action in the message text.

---

**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.

**Component:** Library server

**Error ID:** RC\_LINK\_ITEM\_EXCEEDS\_MAX

**Action:** Follow the recommended action in the message text.

---

**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.

**Component:** Library server

**Error ID:** RC\_GET\_ITEMID\_FAILED

**Action:** Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

---

**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.

**Component:** Library server

**Error ID:** RC\_VERSIONID\_NOT\_FOUND

**Action:** Follow the recommended action in the message text.

---

**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.

**Component:** Library server

**Error ID:** RC\_SOURCE\_ITEM\_CHECKED\_OUT

**Action:** Make sure that the item is not checked out by another user before changing the item type.

---

**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.

**Component:** Library server

**Error ID:** RC\_REINDX\_SAME\_ITEM\_TYPE

**Action:** Request a different item type.

---

**ICM7421**    **Cannot reindex to/from resource to non-resource item type.**

**Explanation:** None.

**Component:** Library server

**Error ID:** RC\_REINDX\_WRONG\_ITEM\_TYPE\_CLASS

**Action:** Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

---

**ICM7422**    **Cannot change the item type of a part.**

**Explanation:** You cannot change the item type of a part.

**Component:** Library server

**Error ID:** RC\_REINDX\_FROM\_ITEM\_TYPE\_PART

**Action:** Do not change the item type of a part.

---

**ICM7423**    **Cannot change the item type to a part.**

**Explanation:** You cannot change the item type to a part.

**Component:** Library server

**Error ID:** RC\_REINDX\_TO\_ITEM\_TYPE\_PART

**Action:** Do not change the item type to a part.

---

**ICM7500**    **Library server cannot locate the given document routing process name. The process name might not be defined yet or has already been deleted. Check its name and try again.**

**Explanation:** None.

**Component:** Library server

**Error ID:** RC\_DR\_PROCESS\_NAME\_NOT\_FOUND

**Action:** Check the document routing process name and try again.

---

**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.

**Component:** Library server

**Error ID:** RC\_DR\_START\_WORKNODE\_NOT\_FOUND

**Action:** Make sure that the given document routing process is valid.

---

**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.

**Component:** Library server

**Error ID:** RC\_DR\_WORKNODE\_NOT\_FOUND

**Action:** Make sure that the input is valid.

---

**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.

**Component:** Library server

**Error ID:** RC\_DR\_WORKPACKAGE\_NOT\_FOUND

**Action:** Make sure that the input is valid.

---

**ICM7506**    **Cannot set the resume time for the item to be suspended.**

**Explanation:** None.

**Component:** Library server

**Error ID:** RC\_DR\_SET\_RESUMETIME\_FAILED

**Action:** Do not set the resume time for the item to be suspended.

---

**ICM7507**    **Action code specified is not valid.**

**Explanation:** The action code you specified is not valid.

**Component:** Library server

**Error ID:** RC\_DR\_INVALID\_ACTION\_CODE

**Action:** Specify a valid action code.

---

**ICM7508**    **Menu or work node is not valid.**

**Explanation:** None.

**Component:** Library server

**Error ID:**  
RC\_DR\_INVALID\_MENU\_OR\_WORKNODE

**Action:** Make sure that the menu or work node is valid.

---

**ICM7509**    **Attempt to delete work node failed.**

**Explanation:** Your attempt to delete a work node failed.

**Component:** Library server

**Error ID:** RC\_DR\_DELETE\_WORKNODE\_ERROR

**Action:** Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

---

**ICM7510**    **Cannot locate requested target (document) item ID.**

**Explanation:** None.

**Component:** Library server

**Error ID:** RC\_DR\_DOCITEMID\_NOT\_FOUND

**Action:** Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

---

**ICM7511**    **Cannot locate requested target (document) item type ID.**

**Explanation:** None

**Component:** Library server

**Error ID:** RC\_DR\_DOCITEMTYPEID\_NOT\_FOUND

**Action:** Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

---

**ICM7512**    **Cannot locate requested worklist.**

**Explanation:** None.

**Component:** Library server

**Error ID:** RC\_DR\_WORKLIST\_NOT\_FOUND

**Action:** Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

---

**ICM7513**    **Last changed time in work package does not match the one recorded in the document routing process table.**

**Explanation:** None.

**Component:** Library server

**Error ID:**  
RC\_DR\_NO\_MATCH\_LAST\_CHANGED\_TIME

**Action:** Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

---

**ICM7514**    **Failed while trying to delete the entries in the resume list table.**

**Explanation:** None.

**Component:** Library server

**Error ID:** RC\_DR\_RESUMELIST\_CLEANUP\_FAILED

**Action:** Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

---

---

**ICM7515** Failed while trying to resume item.

**Explanation:** None.

**Component:** Library server

**Error ID:** RC\_DR\_RESUME\_ITEM\_FAILED

**Action:** Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

---

**ICM7516** Invalid suspend unit specified (1 = hours, 2 = days).

**Explanation:** You specified an invalid suspend unit.

**Component:** Library server

**Error ID:** RC\_DR\_INVALID\_PARM\_SUSPENDUNIT

**Action:** Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

---

**ICM7517** Invalid suspend duration specified (must be >= 0).

**Explanation:** You specified an invalid suspend duration.

**Component:** Library server

**Error ID:** RC\_DR\_INVALID\_PARM\_SUSPENDTIME

**Action:** Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

---

**ICM7518** Expected a resume list structure but struct ID did not match.

**Explanation:** None.

**Component:** Library server

**Error ID:**  
RC\_DR\_RESUMELIST\_STRUCTID\_MISMATCH

**Action:** Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

---

**ICM7519** Item type specified in resume list struct is out of range.

**Explanation:** None.

**Component:** Library server

**Error ID:** RC\_DR\_RESUMELIST\_INVALID\_ITEMTYPE

**Action:** Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

---

---

**ICM7520** Item type specified in resume list struct could not be found.

**Explanation:** None.

**Component:** Library server

**Error ID:**  
RC\_DR\_RESUMELIST\_ITEMTYPE\_NOT\_FOUND

**Action:** Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

---

**ICM7521** Quantity required for item type in resume list is invalid (must be >= 0).

**Explanation:** None.

**Component:** Library server

**Error ID:**  
RC\_DR\_RESUMELIST\_INVALID\_QUANTITY

**Action:** Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

---

**ICM7522** Failed while trying to change priority of work item.

**Explanation:** None.

**Component:** Library server

**Error ID:** RC\_DR\_CHANGEPRIORITY\_FAILED

**Action:** Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

---

**ICM7523** Failed while trying to suspend item.

**Explanation:** None.

**Component:** Library server

**Error ID:** RC\_DR\_SUSPEND\_ITEM\_FAILED

**Action:** Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

---

**ICM7524** Library server detects a collection point looping back to itself in a document routing process.

**Explanation:** None.

**Component:** Library server

**Error ID:** RC\_DR\_CP\_SELF\_LOOP\_ERROR

**Action:** Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

---



---

**ICM7525**    **Suspend-by-item requires document type of folder.**  
**Explanation:** None.  
**Component:** Library server  
**Error ID:** RC\_DR\_SUSBYITEM\_REQUIRES\_FOLDER  
**Action:** Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

---

**ICM7526**    **The requirements for the suspend-by-item resume list have already been met. No action was taken.**  
**Explanation:** None.  
**Component:** Library server  
**Error ID:** RC\_DR\_SUSBYITEM\_REQUIREMENTS\_MET  
**Action:** None.

---

**ICM7600**    **An internal error occurred.**  
**Explanation:** None.  
**Component:** Library server  
**Error ID:** RC\_MI\_ERR\_START\_USING\_DB\_FAILURE  
**Action:** Save the server log and see your IBM service representative.

---

**ICM7601**    **An internal error occurred.**  
**Explanation:** None.  
**Component:** Library server  
**Error ID:** RC\_MI\_ERR\_BINDING  
**Action:** Save the server log and see your IBM service representative.

---

**ICM7602**    **An internal error occurred.**  
**Explanation:** None.  
**Component:** Library server  
**Error ID:** RC\_MI\_EXPORTING\_TABLE  
**Action:** Save the server log and see your IBM service representative.

---

**ICM7604**    **An internal error occurred.**  
**Explanation:** None.  
**Component:** Library server  
**Error ID:** RC\_ATTR\_NOT\_SHARED  
**Action:** Save the server log and see your IBM service representative.

---

**ICM7701**    **An internal error occurred.**  
**Explanation:** None.  
**Component:** Library server  
**Error ID:** RC\_ASYNC\_FETCH\_TRANSTATUS\_ERROR  
**Action:** Save the server log and see your IBM service representative.

---

**ICM7702**    **An internal error occurred.**  
**Explanation:** None.  
**Component:** Library server  
**Error ID:** RC\_ASYNC\_TRANID\_NOTINLIST\_ERROR  
**Action:** Save the server log and see your IBM service representative.

---

**ICM7703**    **An internal error occurred.**  
**Explanation:** None.  
**Component:** Library server  
**Error ID:** RC\_ASYNC\_GET\_EXPIRETIME\_FAILED  
**Action:** Save the server log and see your IBM service representative.

---

**ICM7704**    **An internal error occurred.**  
**Explanation:** None.  
**Component:** Library server  
**Error ID:** RC\_ASYNC\_DELETE\_TRANS\_FAILED  
**Action:** Save the server log and see your IBM service representative.

---

**ICM7705**    **An internal error occurred.**  
**Explanation:** None.  
**Component:** Library server  
**Error ID:** RC\_ASYNC\_INVALID\_ACTION\_CODE  
**Action:** Save the server log and see your IBM service representative.

---

**ICM7706**    **An internal error occurred.**  
**Explanation:** None.  
**Component:** Library server  
**Error ID:** RC\_ASYNC\_RELEASE\_RM\_ROW\_ERROR  
**Action:** Save the server log and see your IBM service representative.

---

---

**ICM7707**    **An internal error occurred.**  
**Explanation:** None.  
**Component:** Library server  
**Error ID:** RC\_ASYNCRC\_GET\_RMLOCK\_ERROR  
**Action:** Save the server log and see your IBM service representative.

---

**ICM7708**    **An internal error occurred.**  
**Explanation:** None.  
**Component:** Library server  
**Error ID:** RC\_ASYNCRC\_INVALID\_TXLIST\_SIZE  
**Action:** Save the server log and see your IBM service representative.

---

**ICM7709**    **An internal error occurred.**  
**Explanation:** None.  
**Component:** Library server  
**Error ID:** RC\_ASYNCRC\_DECL\_RMLOCK\_ERROR  
**Action:** Save the server log and see your IBM service representative.

---

**ICM7710**    **An internal error occurred.**  
**Explanation:** None.  
**Component:** Library server  
**Error ID:** RC\_ASYNCRC\_FREE\_RMLOCK\_ERROR  
**Action:** Save the server log and see your IBM service representative.

---

**ICM7711**    **An internal error occurred.**  
**Explanation:** None.  
**Component:** Library server  
**Error ID:** RC\_ASYNCRC\_DECL\_TOBEDEL\_ERROR  
**Action:** Save the server log and see your IBM service representative.

---

**ICM7712**    **An internal error occurred.**  
**Explanation:** None.  
**Component:** Library server  
**Error ID:** RC\_ASYNCRC\_OPEN\_TOBEDEL\_ERROR  
**Action:** Save the server log and see your IBM service representative.

---

---

**ICM7713**    **An internal error occurred.**  
**Explanation:** None.  
**Component:** Library server  
**Error ID:** RC\_ASYNCRC\_EXEC\_CLEANTBDBTAB\_ERROR  
**Action:** Save the server log and see your IBM service representative.

---

**ICM7914**    **The item type being defined already exists.**  
**Explanation:** None.  
**Component:** Library server  
**Error ID:** RC\_ITEM\_TYPE\_ALREADY\_EXISTS  
**Action:** Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

---

**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().  
**Component:** Library server  
**Error ID:** RC\_TIEREF\_DATA\_NOT\_PROVIDED  
**Action:** 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.

---

**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.  
**Component:** Library server  
**Error ID:** RC\_INVALID\_CONSTRAINT\_NAME  
**Action:** Follow the recommended action in the message text.

---

---

**ICM7917** When an application calls ICMget\_ItemType, the user may 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.

**Component:** Library server

**Error ID:** RC\_NOT\_AUTH\_FOR\_ANY\_ITEMTYPE

**Action:** Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

---

**ICM7918** No ROOT component exists for the item type associated with the component.

**Explanation:** None.

**Component:** Library server

**Error ID:** RC\_PARENT\_COMP\_TYPE\_NOT\_FOUND

**Action:** Run the application again with the server trace set to Detail and Data. Save the server log and see your IBM service representative.

---

**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.

**Component:** Library server

**Error ID:** RC\_UNEXP\_SQL\_PREP\_SEL\_QUERY

**Action:** Follow the recommended action in the message text.

---

**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.

**Component:** Library server

**Error ID:** RC\_UNEXP\_SQL\_OPEN\_CUR\_QUERY

**Action:** Follow the recommended action in the message text.

---

**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.

**Component:** Library server

**Error ID:** RC\_UNEXP\_SQL\_GET\_ACL\_ERROR

**Action:** Follow the recommended action in the message text.

---

**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.

**Component:** Library server

**Error ID:** RC\_UNEXP\_SQL\_CHILD\_CHK

**Action:** Follow the recommended action in the message text.

---

**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.

**Component:** Library server

**Error ID:** RC\_UNEXP\_SQL\_ROW\_CHK

**Action:** Follow the recommended action in the message text.

---

**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.

**Component:** Library server

**Error ID:** RC\_UNEXP\_SQL\_SEL\_PREP\_CUR

**Action:** Follow the recommended action in the message text.

---

**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.

**Component:** Library server

**Error ID:** RC\_UNEXP\_SQL\_COMPNT\_FETCH

**Action:** Follow the recommended action in the message text.

---

**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.

**Component:** Library server

**Error ID:** RC\_UNEXP\_SQL\_COUNT\_ATTRIDS

**Action:** Follow the recommended action in the message text.

---

**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.

**Component:** Library server

**Error ID:** RC\_UNEXP\_SQL\_PREP\_SEL\_ITEMTYPES

**Action:** Follow the recommended action in the message text.

---

**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.

**Component:** Library server

**Error ID:** RC\_PARM\_VALIDATION\_FAILURE

**Action:** Follow the recommended action in the message text.

---

**ICM7968** 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 (i.e., system-defined).

**Explanation:** An internal error occurred.

**Component:** Library server

**Error ID:** RC\_DEL\_NOT\_ALLOWED

**Action:** Save the server log and see your IBM service representative.

---

**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 (i.e., system-defined).

**Explanation:** An internal error occurred.

**Component:** Library server

**Error ID:** RC\_CREATE\_NOT\_ALLOWED

**Action:** Save the server log and see your IBM service representative.

---

**ICM7971** Specified number of components is less than zero.

**Explanation:** An internal error occurred.

**Component:** Library server

**Error ID:**  
RC\_NUM\_COMPONENTS\_LESS\_THAN\_ZERO

**Action:** Save the server log and see your IBM service representative.

---

**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.

**Component:** Library server

**Error ID:** RC\_PROCESS\_COMPONENT\_ERROR

**Action:** Follow the recommended action in the message text.

---

**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.

**Component:** Library server

**Error ID:**  
RC\_NUM\_ATTRIBUTES\_LESS\_THAN\_ZERO

**Action:** Follow the recommended action in the message text.

---

**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.

**Component:** Library server

**Error ID:**

RC\_NUM\_CHILD\_TYPES\_LESS\_THAN\_ZERO

**Action:** Follow the recommended action in the message text.

---

**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.

**Component:** Library server

**Error ID:** RC\_GET\_SYS\_CONTROL\_INFO\_ERROR

**Action:** Follow the recommended action in the message text.

---

**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.

**Component:** Library server

**Error ID:** RC\_GET\_COMP\_TYPE\_INFO\_FAILED

**Action:** Follow the recommended action in the message text.

---

**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.

**Component:** Library server

**Error ID:**  
RC\_CARDINALITY\_LESS\_THAN\_MINIMUM

**Action:** Save the server log and see your IBM service representative.

---

**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.

**Component:** Library server

**Error ID:** RC\_NUM\_ATTRIBUTES\_IS\_ZERO

**Action:** Follow the recommended action in the message text.

---

**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.

**Component:** Library server

**Error ID:** RC\_INVALID\_ACTION\_CODE

**Action:** Follow the recommended action in the message text.

---

**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.

**Component:** Library server

**Error ID:** RC\_INVALID\_PARENT\_COMPONENT\_ID

**Action:** Save the server log and see your IBM service representative.

---

**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.

**Component:** Library server

**Error ID:** RC\_NUM\_OF\_COMPATTRS\_IS\_ZERO

**Action:** Follow the recommended action in the message text.

---

**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.

**Component:** Library server

**Error ID:** RC\_UNEXP\_SQL\_COMPTTYPE\_FETCH

**Action:** Follow the recommended action in the message text.

---

**ICM7991** Specified component type is not found.

**Explanation:** An internal error occurred.

**Component:** Library server

**Error ID:** RC\_INVALID\_COMPONENT\_TYPE

**Action:** Save the server log and see your IBM service representative.

---

**ICM7993**    **Specified action record not found.**

**Explanation:** An internal error occurred.

**Component:** Library server

**Error ID:** RC\_ACTION\_RECORD\_NOT\_FOUND

**Action:** Save the server log and see your IBM service representative.

---

**ICM7994**    **Specified component ID not found.**

**Explanation:** An internal error occurred.

**Component:** Library server

**Error ID:** RC\_INVALID\_COMPONENT\_ID

**Action:** Save the server log and see your IBM service representative.

---

**ICM7995**    **Specified workflow event not found.**

**Explanation:** An internal error occurred.

**Component:** Library server

**Error ID:** RC\_WORKFLOW\_EVENT\_NOT\_FOUND

**Action:** Save the server log and see your IBM service representative.

---

**ICM7996**    **XDO object factories being defined already exists.**

**Explanation:** An internal error occurred.

**Component:** Library server

**Error ID:** RC\_DUPLICATE\_XDOFACTORY

**Action:** Save the server log and see your IBM service representative.

---

**ICM7997**    **XDO object being defined already exists.**

**Explanation:** An internal error occurred.

**Component:** Library server

**Error ID:** RC\_DUPLICATE\_XDOOBJECT

**Action:** Save the server log and see your IBM service representative.

---

**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.

**Component:** Library server

**Error ID:** RC\_INVALID\_ATTRIBUTE

---

**Action:** Follow the recommended action in the message text.

---

**ICM7999**    **DB2 error accessing table ICMSTCOMPATRSFK for a defined CONSTRAINT.**

**Explanation:** An internal error occurred.

**Component:** Library server

**Error ID:** RC\_INVALID\_FK\_CONSTRAINT

**Action:** Save the server log and see your IBM service representative.

---

**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.

**Component:** Library server

**Error ID:** RSN\_COMPNT\_HAS\_CHILD

**Action:** Save the server log and see your IBM service representative.

---

**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.

**Component:** Library server

**Error ID:** RSN\_COMPNT\_TBL\_HAS\_ROWS

**Action:** Save the server log and see your IBM service representative.

---

**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.

**Component:** Library server

**Error ID:** RSN\_ATTR\_PAIRS\_COUNT\_ERROR

**Action:** Save the server log and see your IBM service representative.

---

---

**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.

**Component:** Library server

**Error ID:** RSN\_ATTR\_PAIR\_NOT\_FOUND

**Action:** Save the server log and see your IBM service representative.

---

**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.

**Component:** Library server

**Error ID:** RSN\_INVALID\_COMP\_ATTR\_PAIR

**Action:** Save the server log and see your IBM service representative.

---

**ICM8005**    **An internal error occurred.**

**Explanation:** None.

**Component:** Library server

**Error ID:** RSN\_USER\_AUTH\_FAILED

**Action:** Save the server log and see your IBM service representative.

---

**ICM8006**    **An internal error occurred.**

**Explanation:** None.

**Component:** Library server

**Error ID:** RSN\_UPDATE\_NOT\_SUPPORTED

**Action:** Save the server log and see your IBM service representative.

---

**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.

**Component:** Library server

**Error ID:** RSN\_ITEM\_TYPE\_ERROR

**Action:** Save the server log and see your IBM service representative.

---

**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.

**Component:** Library server

**Error ID:** RSN\_PARSE\_FAILED

**Action:** Save the server log and see your IBM service representative.

---

**ICM8009**    **An internal error occurred.**

**Explanation:** None.

**Component:** Library server

**Error ID:** RSN\_NOT\_AUTHOR\_GETITEMTYPE

**Action:** Save the server log and see your IBM service representative.

---

**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.

**Component:** Library server

**Error ID:** RSN\_NUM\_ITEM\_TYPES\_INVALID

**Action:** Follow the recommended action in the message text.

---

**ICM8012** An internal error occurred.

**Explanation:** None.

**Component:** Library server

**Error ID:** RSN\_FOREIGN\_KEY\_ERROR

**Action:** Save the server log and see your IBM service representative.



---

## Chapter 11. Content Manager resource manager messages, ICM9701- ICM9874

You might see these messages generated by the Content Manager resource manager component. The Content Management Information Center search looks for full words. You need to enter the entire word that you want to find. When searching for messages, enter the full message number, including the prefix. For example, to find information on DGL1234A, enter DGL1234A. To find information on a message that has only a number, enter the number.

---

**ICM9701**    **Collection [nnn] is invalid.**

**Explanation:** Where this collection is being used is invalid.

**Component:** Resource manager

**Action:** Using the system administration client, verify your collection definitions and correct them, if necessary.

**Component:** Resource manager

**Action:** Remove the invalid parameter from your order.

---

**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.

**Component:** Resource manager

**Action:** Make sure that the server is up and that you have used a valid user ID and password.

---

**ICM9706**    **Object not available for update. Object might not exist.**

**Explanation:** The object cannot be updated at this time. The object might not exist, or it might be currently in use by another transaction.

**Component:** Resource manager

**Action:** Determine if the object exists. Wait for the holding transaction to complete.

---

**ICM9703**    **Error [nnn] occurred on device manager [nnn].**

**Explanation:** An error occurred using the device manager.

**Component:** Resource manager

**Action:** Check the device access and take appropriate action to enable the device. Also see the resource manager error log file for more information.

---

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

**Explanation:** No server can be found for the volume in the database.

**Component:** Resource manager

**Action:** Using the system administration client, verify what volumes and servers are defined.

---

**ICM9704**    **Required parameter [nnn] was not found.**

**Explanation:** The incoming order did not contain a required parameter.

**Component:** Resource manager

**Action:** Add the parameter to your order and resubmit the order.

---

**ICM9708**    **Object not found in database for Item ID [nnn], Server [nnn], Version [nnn].**

**Explanation:** The item was not found in the database.

**Component:** Resource manager

**Action:** Check the incoming order input to ensure that you are looking for a valid object.

---

**ICM9705**    **Invalid parameter [nnn], value was: [nnn].**

**Explanation:** The incoming order contained an invalid parameter.

---

**ICM9709**    **Retrieve request failed.**

**Explanation:** The retrieve order failed.

**Component:** Resource manager

**Action:** See the resource manager error log file for more information.

---

**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.

**Component:** Resource manager

**Action:** Correct the format of the update date.

---

**ICM9711 Store failure, database error.**

**Explanation:** A database error occurred on a store transaction.

**Component:** Resource manager

**Action:** See the appropriate database manual for error information.

---

**ICM9712 Store request failed, error: [mmm].**

**Explanation:** An attempt to store a file to fixed disk, or video failed.

**Component:** Resource manager

**Action:** Check the resource error log file for more information. See the appropriate database manual for error information.

---

**ICM9713 Store request failed, tracking failure.**

**Explanation:** An error occurred with transaction management on a store transaction.

**Component:** Resource manager

**Action:** See the resource manager error log file for more information.

---

**ICM9714 Delete request failed.**

**Explanation:** An error occurred with a delete transaction.

**Component:** Resource manager

**Action:** See the resource manager error log file for more information.

---

**ICM9715 Play request failed.**

**Explanation:** An error occurred during a play transaction.

**Component:** Resource manager

**Action:** See the resource error log file for more information.

---

---

**ICM9716 No order found to process.**

**Explanation:** The resource manager cannot find an order in the incoming transaction information.

**Component:** Resource manager

**Action:** There might be a problem with the input or the Web application server. See the resource manager error log file for more information.

---

**ICM9717 Invalid order: [mmm].**

**Explanation:** The resource manager does not recognize the order in the incoming transaction.

**Component:** Resource manager

**Action:** Use a valid order for the transaction.

---

**ICM9718 Key flush request failed.**

**Explanation:** The key flush order failed.

**Component:** Resource manager

**Action:** See the resource manager error log file for more information.

---

**ICM9719 Update object request failed.**

**Explanation:** The replace order failed.

**Component:** Resource manager

**Action:** See the error log file for more information.

---

**ICM9720 Invalid content type, [mmm], for multipart data.**

**Explanation:** The content type in an order is invalid.

**Component:** Resource manager

**Action:** Use a valid content type.

---

**ICM9721 Invalid content range: [mmm] to [mmm].**

**Explanation:** The content range is out of range for the object.

**Component:** Resource manager

**Action:** Verify the object size and make sure that the content range is within that size.

---

**ICM9722 Unexpected exception occurred: [mmm].**

**Explanation:** An unexpected error occurred.

**Component:** Resource manager

**Action:** See the resource manager error log file for more information. See the appropriate database manual for error information on the return code.

---

---

**ICM9723**    **User ID not found on server [nnn].**

**Explanation:** A user cannot be found in the database for the server.

**Component:** Resource manager

**Action:** Using the system administration client, verify what servers and users are defined for this resource manager.

---

**ICM9724**    **Key flush request successful.**

**Explanation:** The key flush request was successful. A key was obtained from the library server.

**Component:** Resource manager

**Action:** None.

---

**ICM9725**    **Key flush request SQL error: [nnn].**

**Explanation:** A database error occurred on a key flush request.

**Component:** Resource manager

**Action:** See the appropriate database manual for error information.

---

**ICM9726**    **Key flush request error: [nnn].**

**Explanation:** An exception occurred on a key flush request.

**Component:** Resource manager

**Action:** Record the exception message and see the resource manager error log file for more information. See the appropriate database manual for error information.

---

**ICM9727**    **User ID [nnn] was not found.**

**Explanation:** A user cannot be found in the database for the given ID.

**Component:** Resource manager

**Action:** Using the system administration client, verify what servers and users are defined for this 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.

**Component:** Resource manager

**Action:** Make sure that the server is running and that you have a valid user ID and password.

---

---

**ICM9729**    **Protocol [nnn] not supported for order [nnn].**

**Explanation:** The protocol in the order is not supported.

**Component:** Resource manager

**Action:** Use a supported protocol for this order.

---

**ICM9730**    **Method [nnn] not supported for device manager [nnn].**

**Explanation:** You are trying an operation to a device that is not supported.

**Component:** Resource manager

**Action:** 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.

---

**ICM9731**    **Catalog request successful.**

**Explanation:** A catalog request was successful. A file on the resource manager was correctly cataloged into the resource manager.

**Component:** Resource manager

**Action:** None.

---

**ICM9732**    **File [nnn] cannot be found.**

**Explanation:** The file cannot be found. The file might not exist.

**Component:** Resource manager

**Action:** Verify that the file exists. See the resource manager error log file for more information.

---

**ICM9733**    **Catalog request failed.**

**Explanation:** A catalog request failed.

**Component:** Resource manager

**Action:** See the resource manager error log file for more information.

---

**ICM9734**    **Device manager [nnn] not found.**

**Explanation:** The device manager cannot be found in the database.

**Component:** Resource manager

**Action:** Using the system administration client, verify what device managers are defined.

---

---

**ICM9735 Database connection failed.**

**Explanation:** A connection to the database cannot be made.

**Component:** Resource manager

**Action:** 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.

---

**ICM9736 Library server [nnn] not found in the database.**

**Explanation:** The library server cannot be found in the database.

**Component:** Resource manager

**Action:** Using the system administration client, verify what servers are defined.

---

**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.

**Component:** Resource manager

**Action:** Using the system administration client, verify what collections and device managers are defined.

---

**ICM9738 Storage group not found in the database for collection [nnn].**

**Explanation:** A storage group for the collection cannot be found in the database.

**Component:** Resource manager

**Action:** Using the system administration client, verify what collections and storage groups are defined.

---

**ICM9739 Management class not found in the database for collection [nnn].**

**Explanation:** A management class for the collection cannot be found in the database.

**Component:** Resource manager

**Action:** Using the system administration client, verify what collections and management classes are defined.

---

**ICM9740 Storage class not found in the database for collection [nnn].**

**Explanation:** A storage class for the collection cannot be found in the database.

**Component:** Resource manager

**Action:** Using the system administration client, verify what collections and storage classes are defined.

---

**ICM9741 Collection [nnn] does not support the catalog order.**

**Explanation:** You cannot catalog an object to the given collection.

**Component:** Resource manager

**Action:** 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.

---

**ICM9742 Resource manager administrative logon failed in SMS-logon order.**

**Explanation:** The logon to the resource manager administrative functions failed.

**Component:** Resource manager

**Action:** Either the user name or password was incorrect. Check the spelling and capitalization of the user name and password.

---

**ICM9743 Multiple files are not supported for fixed disk order [nnn].**

**Explanation:** You cannot store multiple files at the same time to fixed disk.

**Component:** Resource manager

**Action:** Store individual files to fixed disk.

---

**ICM9744 Transaction management failure. Tracking table not updated.**

**Explanation:** Tracking information cannot be saved.

**Component:** Resource manager

**Action:** See the resource manager error log file for more information.

---

**ICM9745 Cannot store file [nnn] [nnn].**

**Explanation:** The file cannot be stored.

**Component:** Resource manager

**Action:** See the resource manager error log file for more information.

---

**ICM9746 Cannot update object size in database [nnn].**

**Explanation:** An exception occurred trying to update the object size in the database.

**Component:** Resource manager

**Action:** See the resource manager error log file for more information.

---

**ICM9747**    **Cannot write file [nnn].**

**Explanation:** The file cannot be written.

**Component:** Resource manager

**Action:** See the resource manager error log file for more information.

---

**ICM9748**    **File [nnn] cannot be found.**

**Explanation:** The given file cannot be found.

**Component:** Resource manager

**Action:** Make sure that the file exists. See the resource manager error log file for more information.

---

**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.

**Component:** Resource manager

**Action:** 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.

---

**ICM9750**    **SMS administrator password successfully changed.**

**Explanation:** You successfully changed the SMS administrator password.

**Component:** Resource manager

**Action:** None.

---

**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.

**Component:** Resource manager

**Action:** 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.

---

**ICM9752**    **Failed to parse SMS XML.**

**Explanation:** SMS requests are XML documents. The parsing of the document failed.

**Component:** Resource manager

**Action:** 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.

---

**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.

**Component:** Resource manager

**Action:** Using the system administration client, resend the SMS-Logon XML to the resource manager to refresh the credentials of this administrative logon.

---

**ICM9754**    **SQL error, SQL Msg: [nnn] SQL State: [nnn]**

**Explanation:** A database SQL error occurred.

**Component:** Resource manager

**Action:** See *IBM DB2 Universal Database Message Reference* for error information. Also, see the resource manager error log file for more information.

---

**ICM9755**    **Resource manager administrative logoff failed in SMS-logoff order.**

**Explanation:** The resource manager administrative logoff failed.

**Component:** Resource manager

**Action:** None. The server might have logged you off because of inactivity.

---

**ICM9756**    **ChangeSMS request failed.**

**Explanation:** The request to change the objects collection failed.

**Component:** Resource manager

**Action:** Retry this operation or see the resource manager error log file for more information.

---

**ICM9757**    **Failed in SMS create-entity order.**

**Explanation:** The insert of the specified row or rows in the SMS tables in the database failed.

**Component:** Resource manager

**Action:** 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 *IBM DB2 Universal Database Message Reference* for error information.

---

**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.

**Component:** Resource manager

**Action:** 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.

---

**ICM9760 Failed in SMS update-entity order.**

**Explanation:** The update of the SMS row or rows in the database failed.

**Component:** Resource manager

**Action:** 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.

---

**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.

**Component:** Resource manager

**Action:** Determine if the object exists. Wait for the holding transaction to complete.

---

**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.

**Component:** Resource manager

**Action:** Determine if the object exists. Wait for the holding transaction to complete.

---

**ICM9763 Play not supported by device manager class [mmm].**

**Explanation:** You are trying to play an object that is stored on a device that does not support play.

**Component:** Resource manager

**Action:** Make sure that you only play objects that are stored on a device that supports play objects.

---

**ICM9764 Volume freespace cannot be updated in the database for volume ID [mmm].**

**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 (TSM) device is considered to be infinite, so that the freespace value for a TSM volume is irrelevant.

**Component:** Resource manager

**Action:** Use the system administration client to verify the freespace on the volumes.

---

**ICM9765 Invalid URL [mmm].**

**Explanation:** Problem on VideoCharger, or Media Archiver

**Component:** Resource manager

**Action:** Make sure that VideoCharger or the Media Archiver is active.

---

**ICM9766 Migrator started.**

**Explanation:** The migrator started.

**Component:** Resource manager

**Action:** None.

---

**ICM9767 Migrator stopped.**

**Explanation:** The migrator completed migrating objects.

**Component:** Resource manager

**Action:** None.

---

**ICM9768 Purger started.**

**Explanation:** The purger cycle has started to examine the configured thresholds against the use of the staging area.

**Component:** Resource manager

**Action:** None.

---

**ICM9769 Purger stopped.**

**Explanation:** The purger cycle finished processing the staging area. The staging area should be within the configured threshold.

**Component:** Resource manager

**Action:** None.

---

**ICM9770 Stager started.**

**Explanation:** The stager cycle has started to examine the configured thresholds against the use of VideoCharger.

**Component:** Resource manager

**Action:** None.

---

**ICM9771 Stager stopped.**

**Explanation:** The stager cycle has finished processing.

**Component:** Resource manager

**Action:** None.

---

**ICM9772 Failure inserting asset metadata into the database.**

**Explanation:** The data for the object cannot be stored into the database.

**Component:** Resource manager

**Action:** See the resource manager error log file for more information.

---

**ICM9773 Transaction management failure. Tracking table not updated for update SMS order.**

**Explanation:** Tracking information cannot be saved for the update SMS order.

**Component:** Resource manager

**Action:** Your order might not have been processed correctly. See the resource manager error log file for more information.

---

**ICM9774 IO exception occurred. [mm].**

**Explanation:** An exception occurred on an IO operation.

**Component:** Resource manager

**Action:** Record the exception message and see the resource manager error log file for more information.

---

**ICM9775 Tracking information cannot be saved for the catalog order.**

**Explanation:** Tracking information cannot be saved for the catalog order.

**Component:** Resource manager

**Action:** Your order might not have been processed correctly. See the resource manager error log file for more information.

---

**ICM9776 Transaction management failure. Tracking table not updated for replace order.**

**Explanation:** Tracking information cannot be saved for the replace order.

**Component:** Resource manager

**Action:** Your order might not have been processed correctly. See the resource manager error log file for more information.

---

**ICM9777 Cannot update object status in the database.**

**Explanation:** An error occurred trying to update the object status in the database.

**Component:** Resource manager

**Action:** See the resource manager error log file for more information.

---

**ICM9778 Rollback failure.**

**Explanation:** An error occurred trying to roll back a database operation.

**Component:** Resource manager

**Action:** See the resource manager error log file for more information.

---

**ICM9779 Commit failure.**

**Explanation:** An error occurred trying to commit a database operation.

**Component:** Resource manager

**Action:** See the resource manager error log file for more information.

---

**ICM9780 Cannot update staging space in the database.**

**Explanation:** An error occurred trying to update the staging space in the database.

**Component:** Resource manager

**Action:** See the resource manager error log file for more information.

---

**ICM9781 Cannot close stream.**

**Explanation:** An exception occurred trying to close a data stream.

**Component:** Resource manager

**Action:** Record the exception message and see the resource manager error log file for more information.

---

---

**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.

**Component:** Resource manager

**Action:** See the resource manager error log file for more information.

---

**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.

**Component:** Resource manager

**Action:** See the migrator log for more information.

---

**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.

**Component:** Resource manager

**Action:** Verify the status of the remote server. See the error log file for the source and target resource managers for more information.

---

**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.

**Component:** Resource manager

**Action:** 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.

---

**ICM9786**    **Cannot close socket.**

**Explanation:** An exception occurred trying to close a socket.

**Component:** Resource manager

**Action:** Record the exception message and see the resource manager error log file for more information.

---

---

**ICM9787**    **SQL error: [nnn].**

**Explanation:** A database error occurred.

**Component:** Resource manager

**Action:** See the appropriate database error messages manual for information on the given error code. Also see the resource manager error log file for more information.

---

**ICM9788**    **No database connections available.**

**Explanation:** A connection to the resource manager database cannot be made.

**Component:** Resource manager

**Action:** Increase the number of connections allowed. See the resource manager error log file for more information.

---

**ICM9789**    **Storage class ID [nnn] not found in the database.**

**Explanation:** The storage class cannot be found in the database.

**Component:** Resource manager

**Action:** See the resource manager error log file for more information.

---

**ICM9790**    **Device manager ID [nnn] not found in the database.**

**Explanation:** The device manager cannot be found in the database.

**Component:** Resource manager

**Action:** See the resource manager error log file for more information.

---

**ICM9791**    **Connection to database lost.**

**Explanation:** A connection to the database was lost.

**Component:** Resource manager

**Action:** Try the operation again.

---

**ICM9792**    **Error for database query: [nnn].**

**Explanation:** An error occurred on the given database query.

**Component:** Resource manager

**Action:** Review the query and the resource manager error log file for more information. See the appropriate database error messages manual for information on the given error code.

---



---

**ICM9793**     **Server ID: [nnn] not found in the database.**

**Explanation:** A server cannot be found in the database for the given server ID.

**Component:** Resource manager

**Action:** 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.

---

**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.

**Component:** Resource manager

**Action:** Using the system administration client, correct the batch size.

---

**ICM9795**     **Cannot create file: [nnn].**

**Explanation:** The file cannot be created.

**Component:** Resource manager

**Action:** See the resource manager error log for more information.

---

**ICM9796**     **Connection failed, return code: [nnn].**

**Explanation:** A connection to the database cannot be made.

**Component:** Resource manager

**Action:** 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 on the given error codes.

---

**ICM9797**     **Connection failed to server [nnn], port [nnn].**

**Explanation:** A connection to the given server and port failed.

**Component:** Resource manager

**Action:** Try the operation again. Make sure that the server is running. See the resource manager error log file for more information.

---

**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.

**Component:** Resource manager

**Action:** See the resource manager error log file for more information. See the appropriate database manual for information on the given error codes.

---

**ICM9799**     **Server [nnn], port [nnn] problem occurred, store failed.**

**Explanation:** An attempted store transaction to the given server failed.

**Component:** Resource manager

**Action:** See the resource manager error the log file for more information.

---

**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.

**Component:** Resource manager

**Action:** Using the system administration client, correct the resource manager and collection definitions.

---

**ICM9801**     **Invalid start or stop time for play: [nnn].**

**Explanation:** The start or stop time for the video asset to play is not valid.

**Component:** Resource manager

**Action:** Make sure that you are using the correct format for start and stop time.

---

**ICM9802**     **Asynchronous recovery failed.**

**Explanation:** An unexpected exception occurred when trying to run the asynchronous recovery operation.

**Component:** Resource manager

**Action:** See the resource manager error log files for more information.

---

**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.

**Component:** Resource manager

**Action:** Store the object with a different item ID, version, library server or collection, or replace the object rather than store it.

---

**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.

**Component:** Resource manager

**Action:** Using the system administration client, use a valid token or perform a key flush operation.

---

**ICM9805**    **Invalid file name: [nnn].**

**Explanation:** The file name is invalid in the context for which it is used.

**Component:** Resource manager

**Action:** See the resource manager error log file for more information.

---

**ICM9806**    **Invalid data returned from [nnn]: [nnn] [nnn].**

**Explanation:** Invalid data was received from the given library server.

**Component:** Resource manager

**Action:** See the resource manager error log file for more information.

---

**ICM9807**    **[nnn] rows updated, should be 1.**

**Explanation:** An internal processing error occurred while updating passwords.

**Component:** Resource manager

**Action:** See your IBM service representative.

---

**ICM9808**    **Unsupported encoding. [nnn].**

**Explanation:** The password to the library server is invalid.

**Component:** Resource manager

**Action:** Define a valid password.

---

**ICM9809**    **Log on 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.

**Component:** Resource manager

**Action:** See the resource manager error log file for more information. Run the library server return code

utility for more information on the return codes, and see the appropriate database manual.

---

**ICM9810**    **Connection to library server failed for library ID [nnn].**

**Explanation:** A connection to the library server using the given library ID.

**Component:** Resource manager

**Action:** Make sure the library ID is valid. Make sure the library server is running. See the resource manager error log file for more information.

---

**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.

**Component:** Resource manager

**Action:** Using the system administration client, verify what storage groups and storage classes are defined.

---

**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.

**Component:** Resource manager

**Action:** 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.

---

**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.

**Component:** Resource manager

**Action:** Make sure that the owning resource manager is running, and the cache-retrieve request contains accurate information about the object requested.

---

**ICM9815**    **Transaction reconciliation started.**

**Explanation:** The process to check for failed or incomplete transactions began.

**Component:** Resource manager

**Action:** None.

---

**ICM9816 Transaction reconciliation ended with return code: [nnn].**

**Explanation:** The procedure to check for failed or incomplete transactions ended with the reported return code.

**Component:** Resource manager

**Action:** A non-zero return code indicates that reconciliation for one transaction is not possible. 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. Run the library server return code utility for more information on the return codes, and see *IBM DB2 Universal Database Message Reference*. If this action does not resolve the problem, see your IBM service representative.

---

**ICM9817 Deletion reconciliation started.**

**Explanation:** The procedure to check for deleted objects began.

**Component:** Resource manager

**Action:** None.

---

**ICM9818 Deletion reconciliation ended.**

**Explanation:** The procedure to check for deleted objects ended.

**Component:** Resource manager

**Action:** None.

---

**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.

**Component:** Resource manager

**Action:** Run the migrator to physically delete the objects.

---

**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.

**Component:** Resource manager

**Action:** None. The data in the library server and the data in the resource manager are now consistent for this transaction.

---

**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.

**Component:** Resource manager

**Action:** None. The data in the library server and the data in the resource manager are now consistent for this transaction.

---

**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.

**Component:** Resource manager

**Action:** 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.

---

**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.

**Component:** Resource manager

**Action:** None.

---

**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.

**Component:** Resource manager

**Action:** None.

---

**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.

**Component:** Resource manager

**Action:** Using the system administration client, enable the device manager.

---

**ICM9826**    **No initial context: [nnn].**

**Explanation:** No initial context is found.

**Component:** Resource manager

**Action:** Make sure you have correct jndi.jar in your CLASSPATH.

---

**ICM9827**    **Naming exception: [nnn].**

**Explanation:** Cannot resolve the Distinguished Name for the LDAP server.

**Component:** Resource manager

**Action:** Make sure the values for LDAP\_ROOT\_DN and LDAP\_SECURITY\_PRINCIPAL are correct.

---

**ICM9828**    **[nnn] cannot be loaded.**

**Explanation:** The library cannot be loaded.

**Component:** Resource manager

**Action:** Make sure the file exists in the correct path and the file is accessible.

---

**ICM9829**    **Cannot copy all the data, [nnn] bytes remaining to be copied.**

**Explanation:** Some of the data was not copied.

**Component:** Resource manager

**Action:** See the resource manager error log file for more information. Make sure the length of the data matches the content length in the order.

---

**ICM9830**    **JDBC driver [nnn] cannot be found.**

**Explanation:** The JDBC driver cannot be found. A connection to the database cannot be made.

**Component:** Resource manager

**Action:** Check the icrm.properties file for the JDBC driver name in the DBJDBCdriver parameter, and verify the existence of this file.

---

---

**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.

**Component:** Resource manager

**Action:** See the resource manager error log file for more information.

---

**ICM9832**    **SQL Error: [nnn], SQLMsg: [nnn] SQLState: [nnn].**

**Explanation:** A database SQL error occurred.

**Component:** Resource manager

**Action:** See the appropriate database manuals for an explanation of the return code. Also, see the resource manager error log file for more information.

---

**ICM9833**    **Transaction failed.**

**Explanation:** The transaction failed.

**Component:** Resource manager

**Action:** See the resource manager error log file for more information.

---

**ICM9834**    **JCE provider [nnn] cannot be found.**

**Explanation:** The given cipher provider cannot be found.

**Component:** Resource manager

**Action:** Make sure you have the displayed cipher provider installed.

---

**ICM9835**    **KeyStore type [nnn] cannot be found.**

**Explanation:** The KeyStore type is not provided by the provider.

**Component:** Resource manager

**Action:** Use the version of Java Development Kit (JDK) shipped with Content Manager.

---

**ICM9836**    **Algorithm [nnn] cannot be found in provider [nnn].**

**Explanation:** Algorithm cannot be found.

**Component:** Resource manager

**Action:** Use the version of Java Development Kit (JDK) shipped with Content Manager.

---

---

**ICM9837**    **No such padding exception.**

**Explanation:** The padding algorithm used is not supported by the provider.

**Component:** Resource manager

**Action:** Use the version of Java Development Kit (JDK) shipped with Content 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.

**Component:** Resource manager

**Action:** Set your path to the JDK version that generated the key. Do not use the current JDK version.

---

**ICM9839**    **Encryption error: [mmm].**

**Explanation:** An error occurred during the encryption of a password.

**Component:** Resource manager

**Action:** None.

---

**ICM9840**    **Decryption error: [mmm].**

**Explanation:** An error occurred during the decryption of a password. The stored password is encrypted using different key.

**Component:** Resource manager

**Action:** Stop the server. Update the password in `icmm.properties` file and all the `acc_password` in `RMACCESS` in database with clear text password. Restart the server.

---

**ICM9841**    **Key generation failed.**

**Explanation:** The generation of a key failed.

**Component:** Resource manager

**Action:** None.

---

**ICM9842**    **Asset [mmm] not found in VideoCharger for play.**

**Explanation:** An asset cannot be found in VideoCharger for play.

**Component:** Resource manager

**Action:** Make sure the file exists. See the resource manager error log file for more information.

---

---

**ICM9843**    **VideoCharger asset [mmm] stageTo: [mmm] failed.**

**Explanation:** An asset in VideoCharger cannot be staged to another server.

**Component:** Resource manager

**Action:** Make sure both servers are running.

---

**ICM9844**    **VideoCharger asset [mmm] stageFrom: [mmm] failed.**

**Explanation:** An asset in VideoCharger cannot be staged from another server.

**Component:** Resource manager

**Action:** Make sure both servers are running.

---

**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.

**Component:** Resource manager

**Action:** Make sure that the ftp server for VideoCharger, or the Media Archiver, is running.

---

**ICM9850**    **dsmInit failed, return code: [mmm].**

**Explanation:** An error occurred when connecting to a Tivoli Storage Manager server. One likely cause is that an application cannot find the required options file.

**Component:** Resource manager

**Action:** Make sure the options file specified by `DSMI_CONFIG` in `icmm.properties` exists. If the options file does not work, check the return code in *Tivoli Storage Manager: Using the Application Program Interface*, and take the recommended action in the User Response section for the corresponding return code.

---

**ICM9851**    **API version is incompatible with TSM version.**

**Explanation:** The API version is incompatible with the Tivoli Storage Manager (TSM) version.

**Component:** Resource manager

**Action:** Update the TSM API version or the TSM version.

---

**ICM9852**    **dsmTerminate failed.**

**Explanation:** An error occurred when trying to end a session with a Tivoli Storage Manager (TSM) server.

**Component:** Resource manager

**Action:** None.

---

---

**ICM9853**    **dsmRegisterFS failed for file space:**  
[nnn], **return code:** [nnn].

**Explanation:** An error occurred when registering a file space in a Tivoli Storage Manager (TSM) server.

**Component:** Resource manage

**Action:** Check the return code in *Tivoli Storage Manager: Using the Application Program Interface*, and take the recommended action in the User Response section for the corresponding return code.

---

**ICM9854**    **dsmBindMC failed, return code:** [nnn].

**Explanation:** An error occurred when binding a management class in a Tivoli Storage Manager (TSM) server.

**Component:** Resource manager

**Action:** Check the return code in *Tivoli Storage Manager: Using the Application Program Interface*, and take the recommended action in the User Response section for the corresponding return code.

---

**ICM9855**    **dsmBeginTxn failed, return code:** [nnn].

**Explanation:** An error occurred when beginning a transaction in a Tivoli Storage Manager (TSM) server.

**Component:** Resource manager

**Action:** Check the return code in *Tivoli Storage Manager: Using the Application Program Interface*, and take the recommended action in the User Response section for the corresponding return code.

---

**ICM9856**    **dSMSendObj failed, return code:** [nnn].

**Explanation:** An error occurred when sending an object to a Tivoli Storage Manager (TSM) server.

**Component:** Resource manager

**Action:** Check the return code in *Tivoli Storage Manager: Using the Application Program Interface*, and take the recommended action in the User Response section for the corresponding return code.

---

**ICM9857**    **dsmsendData failed, return code:** [nnn].

**Explanation:** An error occurred when sending data to a Tivoli Storage Manager (TSM) server.

**Component:** Resource manager

**Action:** Check the return code in *Tivoli Storage Manager: Using the Application Program Interface*, and take the recommended action in the User Response section for the corresponding return code.

---

**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 (TSM) server.

**Component:** Resource manager

**Action:** Check the return code in *Tivoli Storage Manager: Using the Application Program Interface*, and take the recommended action in the User Response section for the corresponding return code.

---

**ICM9859**    **dsmEndTxn fail, return code:** [nnn],  
**reason code:** [nnn].

**Explanation:** An error occurred when ending a transaction in a Tivoli Storage Manager (TSM) server.

**Component:** Resource manager

**Action:** Check the return code in *Tivoli Storage Manager: Using the Application Program Interface*, and take the recommended action in the User Response section for the corresponding return code.

---

**ICM9860**    **dsmUpdateFS failed for file space:** [nnn],  
**return code:** [nnn].

**Explanation:** An error occurred when updating a file space in a Tivoli Storage Manager (TSM) server.

**Component:** Resource manager

**Action:** Check the return code in *Tivoli Storage Manager: Using the Application Program Interface*, and take the recommended action in the User Response section for the corresponding return code.

---

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

**Explanation:** An error occurred when getting data from a Tivoli Storage Manager (TSM) server.

**Component:** Resource manager

**Action:** Check the return code in *Tivoli Storage Manager: Using the Application Program Interface*, and take the recommended action in the User Response section for the corresponding return code.

---

**ICM9862**    **dsmGetObj failed, return code:** [nnn].

**Explanation:** An error occurred when getting an object from a Tivoli Storage Manager (TSM) server.

**Component:** Resource manager

**Action:** Check the return code in *Tivoli Storage Manager: Using the Application Program Interface*, and take the recommended action in the User Response section for the corresponding return code.

---

**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 (TSM) server.

**Component:** Resource manager

**Action:** Check the return code in *Tivoli Storage Manager: Using the Application Program Interface*, and take the recommended action in the User Response section for the corresponding return code.

---

**ICM9864** **dsmEndGetData failed, return code:**  
[*nnn*].

**Explanation:** An error occurred when the resource manager tried to end getting data from a Tivoli Storage Manager (TSM) server.

**Component:** Resource manager

**Action:** Check the return code in *Tivoli Storage Manager: Using the Application Program Interface*, and take the recommended action in the User Response section for the corresponding return code.

---

**ICM9865** **dsmDeleteObj failed, return code:** [*nnn*].

**Explanation:** An error occurred when deleting an object in a Tivoli Storage Manager (TSM) server.

**Component:** Resource manager

**Action:** Check the return code in *Tivoli Storage Manager: Using the Application Program Interface*, and take the recommended action in the User Response section for the corresponding return code.

---

**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.

**Component:** Resource manager

**Action:** Make sure that the cache-retrieve request contains the correct owning resource manager name, or use a regular retrieve order to retrieve the object.

---

**ICM9867** **The WAS\_HOME environment variable is required. Please 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.

**Component:** Resource manager

**Action:** Update either the system properties or the profiles to set the environment variable to the home directory of WebSphere.

---

**ICM9868** **Please check your \$WAS\_HOME and \$rmwebpath environment variables.**

**Explanation:** The WAS\_HOME environment variable does not point to the correct location or the rmwebpath environment variable is incorrect.

**Component:** Resource manager

**Action:** Make sure that the variables are set correctly in the /etc/rc.cmrproc script.

---

**ICM9869** **Please check whether your application was deployed correctly.**

**Explanation:** The resource manager Web application might not have been deployed correctly.

**Component:** Resource manager

**Action:** Check the deployed resource manager Web application under WebSphere and see if a deployment error occurred. If yes, then the application needs to be redeployed.

---

**ICM9870** **\$WAS\_HOME/installedApps/  
rmwebpath.ear/icrmm.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.

**Component:** Resource manager

**Action:** Check the deployed resource manager Web application under WebSphere and see if a deployment error occurred. If yes, then the application needs to be redeployed.

---

**ICM9873** **Either the DB2INSTANCE provided is wrong or it does not exist.**

**Explanation:** The resource manager cannot connect to the database because the database does not exist.

**Component:** Resource manager

**Action:** Make sure that the resource manager database exists and the DB2INSTANCE environment variable in /etc/rc.cmrproc points to the right DB2 instance.

---

**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.

**Component:** Resource manager

**Action:** Resend the logon request via an SSL connection.



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- *Tivoli Storage Manager: Using the Application Program Interface* (H26-4123-01)







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