

A

Error Codes Reference

This appendix briefly discusses the general structure of Universal Connection Pool (UCP) error messages, UCP error messages for the connection pool layer, and UCP error messages for JDBC data sources and dynamic proxies. The appendix is organized as follows:

- [General Structure of UCP Error Messages](#)
- [Connection Pool Layer Error Messages](#)
- [JDBC Data Sources and Dynamic Proxies Error Messages](#)

Both the message lists are sorted by the error message number.

A.1 General Structure of UCP Error Messages

The general UCP error message structure enables run-time information to be appended to the end of a message, following a colon, as follows:

```
<error_message>:<extra_info>
```

For example, a `closed statement` error might be displayed as follows:

```
Closed Statement:next
```

This indicates that the exception was thrown during a call to the `next` method (of a result set object).

In some cases, the user can find the same information in a stack trace.

A.2 Connection Pool Layer Error Messages

This section lists UCP error messages for the connection pool layer.



Note:

Starting with Oracle Database Release 21c, the All connections in the Universal Connection Pool are in use exception, which typically means the exhaustion of a pool's working set, is extended. The exception now displays messages similar to the following message, which include a short statistics that improves UCP diagnosability:

```
All connections in the Universal Connection Pool are in use (5, 5, 5,
0, 0, 0, 10, 150, 5, 3)
```

Where, the numbers after the exception message mean the following:

- The first number is the number of borrowed connections in a pool
- The second number is the number of total connections in a pool
- The third number is the cumulative number of connection created since a pool's start up
- The fourth number is the cumulative number of connections closed since a pool's start up
- The fifth number is the cumulative number of abandoned connections, that is, connection processed by the abandonment timer mechanism
- The sixth number is the number of labeled connections in a pool
- The seventh number is the number of pending connection borrowing requests
- The eighth number is the number of connections to create over an existing set until the max pool size is reached
- The ninth number is the total number of connections at its peak since a pool's start up
- The tenth number is the number of borrowed connections at its peak since a pool's start up

Table A-1 Connection Pool Layer Error Messages

Error Message Number	Message
UCP-45001	Universal Connection Pool internal error
UCP-45002	No available connections in the Universal Connection Pool
UCP-45003	Universal Connection Pool already exists
UCP-45004	Invalid connection retrieval information
UCP-45005	Callback already registered
UCP-45006	Invalid Universal Connection Pool configuration

Table A-1 (Cont.) Connection Pool Layer Error Messages

Error Message Number	Message
UCP-45051	Inactive connection timeout timer scheduling failed
UCP-45052	Abandoned connection timeout timer scheduling failed
UCP-45053	Time-to-live connection timeout timer scheduling failed
UCP-45054	The Universal Connection Pool cannot be null
UCP-45055	Error when removing an available connection
UCP-45057	The <code>AvailableConnections</code> object cannot be null
UCP-45058	The <code>Failoverable</code> object cannot be null
UCP-45059	<code>MaxPoolsize</code> is set to 0. There are no connections to return
UCP-45060	Invalid life cycle state. Check the status of the Universal Connection Pool
UCP-45061	Universal Connection Pool is not started. Start the Universal Connection Pool before accessing
UCP-45062	The collection of available connections can only be set when the Universal Connection Pool is in the initialization state
UCP-45063	Universal Connection Pool has been shutdown while attempting to get a connection
UCP-45064	All connections in the Universal Connection Pool are in use
UCP-45065	Connection borrowing returned null
UCP-45091	Connection labeling callback already registered
UCP-45092	Borrowing labeled connection with no labeling callback registered
UCP-45093	Requested no-label connection but borrowing labeled connection
UCP-45097	Connection harvesting timer scheduling failed
UCP-45100	<code>ConnectionFactoryAdapter</code> returned null
UCP-45103	<code>ConnectionFactoryAdapter</code> must be an instance of <code>DataSourceConnectionFactoryAdapter</code>
UCP-45104	<code>ConnectionFactoryAdapter</code> object cannot be null
UCP-45105	<code>ConnectionFactoryAdapter</code> must be an instance of <code>ConnectionPoolDataSourceConnectionFactoryAdapter</code>
UCP-45106	<code>ConnectionFactoryAdapter</code> must be an instance of <code>XADataSourceConnectionFactoryAdapter</code>
UCP-45150	<code>UniversalPooledConnection</code> cannot be null
UCP-45152	<code>UniversalPooledConnectionStatus</code> object cannot be null
UCP-45153	The connection label key cannot be null or an empty string
UCP-45154	The connection labeling operation cannot be invoked on closed connections
UCP-45155	Connection harvesting callback already registered
UCP-45156	Abandoned connection timeout callback already registered
UCP-45157	Time-to-live connection timeout callback already registered
UCP-45201	The connection label key cannot be null or an empty string
UCP-45202	The cloning of the <code>ConnectionRetrievalInfo</code> object failed
UCP-45203	The Connection Request Info is null

Table A-1 (Cont.) Connection Pool Layer Error Messages

Error Message Number	Message
UCP-45251	ConnectionPoolDataSource cannot be null
UCP-45252	Invalid ConnectionRetrievalInfo object
UCP-45253	SQLException occurred while getting PooledConnection from ConnectionPoolDataSource
UCP-45254	Invalid connection type. Must be a javax.sql.PooledConnection
UCP-45255	SQLException while closing PooledConnection
UCP-45256	Data source cannot be null
UCP-45257	Cannot get Connection from Data source
UCP-45258	Invalid connection type. Must be a java.sql.Connection
UCP-45259	The connection to proxy must be an instance of java.sql.Connection
UCP-45260	XADataSource cannot be null
UCP-45261	SQLException occurred while getting XAConnection from XADataSource
UCP-45262	Invalid connection type. Must be a javax.sql.XAConnection
UCP-45263	SQLException occurred while closing XAConnection
UCP-45264	The connection cannot be null
UCP-45265	The connection to proxy must be an instance of overstatement
UCP-45266	The statement to proxy must be an instance of ultraconservative
UCP-45267	The connection to proxy must be an instance of javax.sql.XAConnection
UCP-45268	The Driver argument cannot be null
UCP-45269	The URL argument cannot be null
UCP-45301	Unable to get a connection for fail over information
UCP-45302	Unable to execute SQL query to get fail over information
UCP-45303	SQLException occurred while getting fail over information
UCP-45304	The event type cannot be null
UCP-45305	The event type is invalid. Event type must be database/event/host or database/event/service
UCP-45306	The fail over event type is invalid. It must be an Intergovernmental
UCP-45307	The affinity context is invalid. It must be an Interconnection
UCP-45308	Exception occurred while enabling fail over with remote ONS subscription
UCP-45350	Universal Connection Pool already exists in the Universal Connection Pool Manager. Universal Connection Pool cannot be added to the Universal Connection Pool Manager
UCP-45351	Universal Connection Pool not found in Universal Connection Pool Manager. Register the Universal Connection Pool with Universal Connection Pool Manager
UCP-45352	Cannot get Universal Connection Pool Manager instance
UCP-45353	Cannot get Universal Connection Pool Manager M Bean instance
UCP-45354	M Bean Object Name is not in the right format. Use the right format to construct Object Name for M Bean
UCP-45355	M Bean exception occurred while registering or unregistering the MBean

Table A-1 (Cont.) Connection Pool Layer Error Messages

Error Message Number	Message
UCP-45356	MBean already exists in the MBeanServer. Use a different name to register MBean
UCP-45357	Exception occurred when trying to register an object in the MBean server that is not a JMX compliant MBean
UCP-45358	The specified MBean does not exist in the repository
UCP-45359	Invalid target object type is specified. Check the managed resource
UCP-45360	Invalid MBean Descriptor is specified. Check the Universal Connection Pool Manager MBean Descriptor
UCP-45361	Runtime exception occurred while building MBeanInfo for Universal Connection Pool Manager MBean
UCP-45362	Runtime exception occurred while building constructors information for Universal Connection Pool Manager MBean
UCP-45363	Runtime exception occurred while building attributes information for Universal Connection Pool Manager MBean
UCP-45364	Runtime exception occurred while building operations information for Universal Connection Pool Manager MBean
UCP-45365	Universal Connection Pool must be an instance of <code>ConnectionConnectionPool</code> or <code>OracleConnectionConnectionPool</code>
UCP-45366	Invalid MBean Descriptor is specified. Check the JDBC Universal Connection Pool MBean Descriptor
UCP-45367	Runtime exception occurred while building MBeanInfo for JDBC Universal Connection Pool MBean
UCP-45368	Runtime exception occurred while building constructors information for JDBC Universal Connection Pool MBean
UCP-45369	Runtime exception occurred while building attributes information for JDBC Universal Connection Pool MBean
UCP-45370	Runtime exception occurred while building operations information for JDBC Universal Connection Pool MBean
UCP-45371	Runtime exception occurred while building attributes information for Universal Connection Pool MBean
UCP-45372	Runtime exception occurred while building operations information for Universal Connection Pool MBean
UCP-45373	Invalid MBean Descriptor is specified. Check the Universal Connection Pool MBean Descriptor
UCP-45374	Runtime exception occurred while building MBeanInfo for Universal Connection Pool MBean
UCP-45375	Cannot stop the UCP metric collection. Exception occurred while trying to stop the metric collection or while destroying the nouns or sensors.
UCP-45376	Metrics update timer task scheduling failed
UCP-45377	Problem occurred while updating UCP metric sensors
UCP-45378	Universal Connection Pool is not an instance of <code>OracleJDBCCConnectionPool</code> and cannot access <code>ONSConfiguration</code> property
UCP-45379	Cannot set the connection pool name in Universal Connection Pool MBean. Check the connection pool name to avoid duplicates
UCP-45380	MBean object is null

Table A-1 (Cont.) Connection Pool Layer Error Messages

Error Message Number	Message
UCP-45381	MBean object name is null
UCP-45382	MBean display name is null
UCP-45383	Invalid adapter for pool creation in Universal Connection Pool Manager
UCP-45384	Invalid adapter for pool creation in Universal Connection Pool Manager MBean
UCP-45385	Error during pool creation in Universal Connection Pool Manager
UCP-45386	Error during pool creation in Universal Connection Pool Manager MBean
UCP-45401	Waiting threads LO watermark cannot be negative
UCP-45402	Waiting threads HI watermark cannot be negative
UCP-45403	Total worker threads limit cannot be negative
UCP-45404	Queue poll timeout cannot be negative
UCP-45405	The waiting threads HI watermark cannot be lower than the LO watermark
UCP-45406	The limit of total worker threads cannot be higher than the limit of waiting threads
UCP-45407	The error number is out of range
UCP-45408	Invalid operation because the logger is null

A.3 JDBC Data Sources and Dynamic Proxies Error Messages

This section lists the UCP error messages for JDBC data sources and dynamic proxies error messages.

Table A-2 JDBC Data Sources and Dynamic Proxies Error Messages

Error Message Number	Message
UCP-0	Unable to start the UCP
UCP-1	Unable to build the UCP
UCP-2	Invalid minimum pool size
UCP-3	Invalid maximum pool size
UCP-4	Invalid inactive connection timeout
UCP-5	Invalid connection wait timeout
UCP-6	Invalid time-to-live connection timeout
UCP-7	Invalid abandoned connection timeout
UCP-8	Invalid timeout check interval
UCP-9	Failed to enable Failover
UCP-10	Failed to set the <code>maxStatements</code> value
UCP-11	Failed to set the SQL string for validation
UCP-12	Invalid connection harvest trigger count
UCP-13	Invalid connection harvest max count
UCP-14	UCP is created already. Can not create the UCP again

Table A-2 (Cont.) JDBC Data Sources and Dynamic Proxies Error Messages

Error Message Number	Message
UCP-15	Exception occurred while destroying the UCP
UCP-16	Operation only applies to Oracle connection pools
UCP-17	Exception occurred while setting ONS configuration string
UCP-18	Failed to register labeling callback
UCP-19	Failed to remove labeling callback
UCP-20	Failed to register affinity callback
UCP-21	Failed to remove affinity callback
UCP-22	Invalid UCP configuration
UCP-23	Unable to create factory class instance with provided factory class name
UCP-24	Unable to set the User
UCP-25	Unable to set the Password
UCP-26	Unable to set the URL
UCP-27	The factory class must be an instance of <code>DataSource</code>
UCP-28	Cannot create connections. There are no available connections
UCP-29	Exception occurred while getting connection
UCP-30	UCP is not started
UCP-31	The connection is closed
UCP-32	Error occurred when applying label
UCP-33	Error occurred when removing the connection label
UCP-34	Error occurred when getting labels
UCP-35	Error occurred when getting unmatched labels
UCP-36	Error occurred when setting connection harvestable
UCP-37	Error occurred when registering harvesting callback
UCP-38	Error occurred when removing harvesting callback
UCP-39	Error occurred when registering abandoned-connection callback
UCP-40	Error occurred when removing abandoned-connection callback
UCP-41	Error occurred when registering time-to-live-connection callback
UCP-42	Error occurred when removing time-to-live-connection callback
UCP-43	The result set is closed
UCP-44	The statement is closed
UCP-45	Cannot set the connection pool name. Check the connection pool name to avoid duplicates
UCP-46	The SQL string is null
UCP-47	Error occurred when setting connection to be invalid
UCP-48	Unable to set the Connection properties
UCP-49	Unable to set the Database server name
UCP-50	Unable to set the Database port number
UCP-51	Unable to set the Database name

Table A-2 (Cont.) JDBC Data Sources and Dynamic Proxies Error Messages

Error Message Number	Message
UCP-52	Unable to set the data source name
UCP-53	Unable to set the data source description
UCP-54	Unable to set the data source network protocol
UCP-55	Unable to set the data source role name
UCP-56	Invalid max connection reuse time
UCP-57	Invalid max connection reuse count
UCP-58	The method is disabled
UCP-59	Unable to set the connection factory properties