



THE ENTERPRISE MIDDLEWARE SOLUTION

BEA TUXEDO

System Messages

LIBQM Catalog

BEA TUXEDO Release 6.5
Document Edition 6.5
February 1999

Copyright

Copyright © 1999 BEA Systems, Inc. All Rights Reserved.

Restricted Rights Legend

This software and documentation is subject to and made available only pursuant to the terms of the BEA Systems License Agreement and may be used or copied only in accordance with the terms of that agreement. It is against the law to copy the software except as specifically allowed in the agreement. This document may not, in whole or in part, be copied photocopied, reproduced, translated, or reduced to any electronic medium or machine readable form without prior consent, in writing, from BEA Systems, Inc.

Use, duplication or disclosure by the U.S. Government is subject to restrictions set forth in the BEA Systems License Agreement and in subparagraph (c)(1) of the Commercial Computer Software-Restricted Rights Clause at FAR 52.227-19; subparagraph (c)(1)(ii) of the Rights in Technical Data and Computer Software clause at DFARS 252.227-7013, subparagraph (d) of the Commercial Computer Software--Licensing clause at NASA FAR supplement 16-52.227-86; or their equivalent.

Information in this document is subject to change without notice and does not represent a commitment on the part of BEA Systems. THE SOFTWARE AND DOCUMENTATION ARE PROVIDED "AS IS" WITHOUT WARRANTY OF ANY KIND INCLUDING WITHOUT LIMITATION, ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. FURTHER, BEA Systems DOES NOT WARRANT, GUARANTEE, OR MAKE ANY REPRESENTATIONS REGARDING THE USE, OR THE RESULTS OF THE USE, OF THE SOFTWARE OR WRITTEN MATERIAL IN TERMS OF CORRECTNESS, ACCURACY, RELIABILITY, OR OTHERWISE.

Trademarks or Service Marks

BEA, ObjectBroker, TOP END, TUXEDO, and WebLogic are registered trademarks of BEA Systems, Inc. BEA Builder, BEA Connect, BEA Manager, BEA MessageQ, Jolt and M3 are trademarks of BEA Systems, Inc.

All other company names may be trademarks of the respective companies with which they are associated.

BEA TUXEDO System Messages LIBQM Catalog

Document Edition	Date	Software Version
6.5	February 1999	BEA TUXEDO Release 6.5

Content

1. **LIBQM Messages 1100-1199**
2. **LIBQM Messages 1200-1299**
3. **LIBQM Messages 1300-1399**
4. **LIBQM Messages 1400-1499**
5. **LIBQM Messages 1500-1599**
6. **LIBQM Messages 1600-1699**



1 LIBQM Messages

1100-1199

1100	ERROR: Invalid option - <i>option</i>
Description	An invalid option, <i>option</i> , was specified on the <code>qmadm</code> command line.
Action	Select the appropriate option(s) from the usage line that follows the error message.
See Also	<code>qmadm(1)</code>
1101	ERROR: QMCONFIG not set
Description	The value of QMCONFIG, the device containing the queue space, was not specified on the <code>qmadm</code> command line or in the shell environment.
Action	The QMCONFIG environment variable must be set and exported or must be specified on the <code>qmadm</code> command line.
See Also	<code>qmadm(1)</code>
1102	ERROR: Invalid argument <i>arg</i>
Description	An invalid argument, <i>arg</i> , was specified on the <code>qmadm</code> command line following the QMCONFIG value.
Action	Select the appropriate command line option(s) and argument from the usage line that follows the error message.
See Also	<code>qmadm(1)</code>

1104 ERROR: Failed to get status of <i>qmconfig_device</i>	
Description	qmadmin was unable to get the status of the device, <i>qmconfig_device</i> , specified for QMCONFIG.
Action	Check that QMCONFIG is properly set to a raw disk slice or a regular file accessible to qmadmin, or to a file name to be created in an existing directory.
See Also	qmadmin(1)
1105 ERROR: Effective user id, <i>userid</i>, must match the owner of QMCONFIG, <i>qmconfig_userid</i>	
Description	qmadmin was run by a user whose effective user identifier, <i>userid</i> , is not the same as the owner of the device specified for QMCONFIG, <i>qmconfig_userid</i> .
Action	Change the ownership of the QMCONFIG device or file, or run the program as the corresponding user.
See Also	qmadmin(1)
1107 ERROR: Must have white space following quoted string	
Description	While entering a qmadmin command, a double quoted string was entered without white space, spaces and/or tabs, preceding and following the string.
Action	Re-enter the command line surrounding any quoted strings with white space (spaces and/or tabs).
See Also	qmadmin(1)
1108 ERROR: No matching double quote	
Description	While entering a qmadmin command, a double quoted string was started without a matching quote to terminate the string.
Action	Re-enter the command line with matching double quotes.
See Also	qmadmin(1)

1109 ERROR: Failed to execute <i>command</i>, <i>errno</i> = <i>errno</i>	
Description	A shell command, <i>command</i> , was specified for execution using the qmadmin exclamation mark (!) command, but the shell command failed to execute. The error number, <i>errno</i> , is printed as part of the message.
Action	Check that the PATH environment variable is set appropriately and that the shell command to be executed exists, and re-enter the command.
See Also	qmadmin(1)

1110 ERROR: Syntax -	
Description	An invalid option or argument was entered for a qmadmin command. The correct syntax is printed as part of the message as <i>syntax</i> .
Action	Re-enter the command with the correct syntax.
See Also	qmadmin(1)

1111 ERROR: Command <i>command</i> not found	
Description	A command, <i>command</i> , was entered that does not exist in qmadmin.
Action	Use the help command to get a list of valid qmadmin commands.
See Also	qmadmin(1)

1120 ERROR: Queue space must be opened first	
Description	A qmadmin command was executed before a queue space was opened. This can happen with the queue commands qcreate, qchangeprio, qchangequeue, qchangetime, qdeletemsg, qdestroy, qinfo, qlist, qprintrans, qaborttrans, qcommittrans, and qset.
Action	Open a queue space using the qopen command and re-enter the command.
See Also	qmadmin(1)

1121 WARN: xa_close() returned <i>rc</i>	
Description	The xa_close() function was called to close the currently open queue space as part of executing a qmadm command (qaddext, qclose, qopen, qspacecreate, qspacedestroy, or quit) and it returned an error, <i>rc</i> .
Action	Further information about the cause of the failure should be printed in the userlog. Check the userlog for further information.
See Also	qmadm(1)
1122 ERROR: Queue name must be set with qset	
Description	A qmadm command (qchangeprio, qchangequeue, qchangetime, qdeletemsg, or qlist) was executed without setting the target queue name using the qset command.
Action	Execute the qinfo command to get a list of queues in the queue space. Select a queue name in currently open queue space by executing qset and re-enter the command.
See Also	qmadm(1)
1124 ERROR: Device index must be numeric	
Description	While executing the chdl command, a non-numeric device index was specified.
Action	Re-enter the chdl command using a numeric device index.
See Also	qmadm(1)
1125 ERROR: Cannot read the device list	
Description	While executing the chdl command, qmadm failed to read the volume table of contents and universal device list associated with QMCONFIG.
Action	Check to see that QMCONFIG is set correctly (that the device or file exists) and has been properly initialized, and re-enter the command. The livtoc command can be used to list the current volume table of contents and lidl can be used to list the current universal device list.
See Also	qmadm(1)

1126 ERROR: Invalid device index	
Description	While executing the chdl command, a device index was specified for a device that has not been created on the universal device list associated with the QMCONFIG device.
Action	Use the lidl command to list the current contents of the universal device list and re-enter the chdl command with a valid device index.

1129 ERROR: Device name length must be less than <i>len</i> characters	
Description	While executing the chdl command, the new device name was too long (that is, <i>len</i> characters or more).
Action	Re-enter the command with a device name that is 64 characters or less in length.
See Also	qmadm(1)

1130 ERROR: Cannot lock the device list	
Description	While executing the chdl command, qmadm failed to lock the QMCONFIG device for exclusive update.
Action	Check the userlog for further information about the process that has the configuration locked. Re-enter the command after the configuration has been unlocked.
See Also	qmadm(1)

1131 ERROR: Cannot read the device list	
Description	While executing the chdl command, qmadm failed to re-read the volume table of contents and universal device list associated with QMCONFIG after locking the configuration for exclusive access.
Action	Check to see that the device or file specified by QMCONFIG still exists, is properly initialized, and re-enter the command. The livtoc command can be used to list the current volume table of contents and lidl can be used to list the current universal device list.
See Also	qmadm(1)

1132 ERROR: Invalid device index	
Description	While executing the chdl command, a device index was specified for a device that has not been created on (or has been deleted from) the universal device list associated with the QMCONFIG device.
Action	Use the lidl command to list the current contents of the universal device list and re-enter the chdl command with a valid device index.
1133 ERROR: Cannot write the device list	
Description	While executing the chdl command, the update of the universal device list associated with the QMCONFIG device failed.
Action	Check the userlog for any messages and use the lidl command to list the current contents of the universal device list.
See Also	qmadmin(1)
1135 ERROR: Device name length must be less than <i>len</i> characters	
Description	While executing the crdl command, the device name was too long (that is, <i>len</i> characters or more).
Action	Re-enter the command with a device name that is 64 characters or less in length.
See Also	qmadmin(1)
1137 ERROR: Device offset must be numeric	
Description	While executing the crdl command, a non-numeric device offset was specified.
Action	Re-enter the crdl command using a numeric device offset.
See Also	qmadmin(1)
1139 ERROR: Size must be numeric	
Description	While executing the crdl command, a non-numeric value was specified for the size of the new device extent.
Action	Re-enter the crdl command using a numeric size.
See Also	qmadmin(1)

1140 ERROR: Cannot create device *device*, offset *offset*, size *size* on *config*

Description The operation to create a new extent on the universal device list, UDL, during the execution of `crdl` failed. The device name, *device*, offset value, *offset*, extent size, *size*, and configuration device, *config*, are printed in the message. If the QMCONFIG file exists, this command can fail if the file open fails; if a read on the device fails; if the file is not a configuration file; or if the file is not a normal file or a raw device (for example, a fifo file). If the file doesn't exist, the command can fail if file creation fails (for example, if the directory in which the file is to be created doesn't exist). The command can also fail if it failed to lock the configuration file; if there are no slots available in the UDL; if the extent to be created overlaps with an existing device on the UDL; if the first entry is being created and the device doesn't match QMCONFIG or the offset is not 0 or there is not enough space allocated to store the UDL and volume table of contents; or if a write fails on the device.

Action Check that the device specified is correct, the directory exists, and that the extent doesn't overlap with existing devices that are listed with the `lidl` command.

See Also `qmadmin(1)`

1143 ERROR: Device index must be numeric

Description While executing the `dsdl` command, a non-numeric device index was specified.

Action Re-enter the `dsdl` command using a numeric device index.

See Also `qmadmin(1)`

1145 WARN: Device not destroyed

Description While destroying a device with the `dsdl` command, the user did not respond with Y or y to the prompt for confirmation and the operation was not done.

Action No action required.

See Also `qmadmin(1)`

1146 ERROR: Cannot list device <i>dlindex</i> on <i>config</i>	
Description	While executing the dsdl command, qmadmin failed to get the status of the specified device entry, <i>dlindex</i> , for the QMCONFIG device, <i>config</i> . Either device index is invalid or qmadmin was unable to open and read the universal device list, or <i>config</i> does not contain a valid configuration.
Action	Check that the device is correct and check the universal device list with the lidl command.
See Also	qmadmin(1)
1147 ERROR: Cannot destroy device <i>dlindex</i> on <i>config</i>	
Description	While executing the dsdl command, qmadmin failed to destroy the device entry for the specified <i>dlindex</i> and QMCONFIG device, <i>config</i> . The command can fail if it can't lock the configuration exclusively for update; if it can't open and read the universal device list, UDL; if <i>dlindex</i> is 0 and the UDL has other entries or the volume table of contents, VTOC, has tables other than the VTOC and UDL.
Action	Check that the device is correct and check the universal device list with the lidl command.
See Also	qmadmin(1)
1151 ERROR: Command <i>command</i> not found	
Description	While executing the help command, an invalid command name was specified.
Action	Execute the help command without any arguments to get a complete list of available commands.
See Also	qmadmin(1)
1154 WARN: IPC resources not removed	
Description	While removing IPC resources with the ipcrm command and the -f option specified, the user did not respond with Y or y to the prompt for confirmation and the operation was not done.
Action	No action required.
See Also	qmadmin(1)

1156 ERROR: Device index must be numeric

Description While executing the `lidl` command, a non-numeric device index was specified.

Action Re-enter the `lidl` command using a numeric device index.

See Also `qmadmin(1)`

1157 ERROR: Device list not initialized on *config*

Description The `lidl` command was executed for a configuration, *config*, that is not initialized (that is, for a device or file that does not exist, or does not have at least one device defined in the universal device list). This message can also occur if the user does not have proper permissions to access the device.

Action Check that the configuration device or file specified for QMCONFIG is correct and initialize it using the `crdl` command. Also check the permissions on the device or file.

See Also `qmadmin(1)`

1166 ERROR: Cannot get VTOC on config

Description The `livtoc` command was executed for a configuration, *config*, that is not initialized (that is, for a device or file that does not exist, or does not have at least one device defined in the universal device list).

Action Check that the configuration device or file specified for QMCONFIG is correct and initialize it using the `crdl` command.

See Also `qmadmin(1)`

1172 ERROR: Must specify queue space name

Description While executing the `qaddext` command, the queue space name specified is the null string (that is, the name was entered on the command line as "", or return was entered for the prompt for the Queue Space Name).

Action Re-enter the `qaddext` command with the correct queue space name.

See Also `qmadmin(1)`

1173 ERROR: Queue space name length must be less than <i>len</i> characters	
Description	While executing the qaddext command, the queue space name was too long (that is, <i>len</i> characters or more).
Action	Re-enter the command with a queue space name that is 15 characters or less in length.
See Also	qmadmin(1)
1175 ERROR: Size must be numeric	
Description	While executing the qaddext command, a non-numeric extent size was specified.
Action	Re-enter the qaddext command using a numeric extent size.
See Also	qmadmin(1)
1176 ERROR: Failed to add extent	
Description	While executing the qaddext command, qmadmin failed to add the extent. There are many possible reasons for the failure and the specific reason is written to the standard output or the userlog ranging from an invalid queue space name to other processes being attached to the queue space.
Action	Re-enter the command when the problem has been resolved.
See Also	qmadmin(1)
1177 WARN: No queue space is currently open	
Description	The qclose command was executed when a queue space is not currently open.
Action	No action required.
See Also	qmadmin(1)

1179 ERROR: Queue name length must be less than *len* characters

Description While executing the qcreate or qchange command, the queue name was too long (that is, *len* characters or more).

Action Re-enter the command with a queue name that is 15 characters or less in length.

See Also qmadmin(1)

1181 ERROR: 'fifo' specified multiple times

Description While executing the qcreate command, the 'fifo' option was specified multiple times for the queue ordering value. The values 'fifo', 'lifo', 'priority', and 'time' may be entered once; 'fifo' and 'lifo' may not both be specified and must be specified as the last (least significant) option. Multiple values may be specified separated by commas.

Action Re-enter the qcreate command specifying a valid value for the queue ordering option.

1182 ERROR: 'lifo' specified multiple times

Description While executing the qcreate command, the value 'lifo' was specified multiple times for the queue ordering argument. The values 'fifo', 'lifo', 'priority', and 'time' may be entered once; 'fifo' and 'lifo' may not both be specified and must be specified as the last (least significant) option. Multiple values may be specified separated by commas.

Action Re-enter the qcreate command specifying a valid value for the queue ordering argument.

See Also qmadmin(1)

1183 ERROR: 'priority' specified multiple times

Description While executing the qcreate command, the value 'priority' was specified multiple times for the queue ordering argument. The values 'fifo', 'lifo', 'priority', and 'time' may be entered once; 'fifo' and 'lifo' may not both be specified and must be specified as the last (least significant) option. Multiple values may be specified separated by commas.

Action Re-enter the qcreate command specifying a valid value for the queue ordering argument.

See Also qmadmin(1)

1184 ERROR: 'time' specified multiple times

Description While executing the qcreate command, the value 'fifo' was specified multiple times for the queue ordering argument. The values 'fifo', 'lifo', 'priority', and 'time' may be entered once; 'fifo' and 'lifo' may not both be specified and must be specified as the last (least significant) option. Multiple values may be specified separated by commas.

Action Re-enter the qcreate command specifying a valid value for the queue ordering argument.

See Also qmadmin(1)

1185 ERROR: Invalid queue ordering

Description While executing the qcreate command, an argument other than 'fifo', 'lifo', 'priority', or 'time' was specified for the queue ordering value or an invalid format was entered. The values 'fifo', 'lifo', 'priority', and 'time' may be entered once; 'fifo' and 'lifo' may not both be specified and must be specified as the last (least significant) option. Multiple values may be specified separated by commas.

Action Re-enter the qcreate command specifying a valid value for the queue ordering argument.

See Also qmadmin(1)

1186 ERROR: Device name for entry 0 must match QMCONFIG - device

Description While executing the chdl command, device entry 0 is being changed and the new device name does not match the value for the QMCONFIG environment variable (or the configuration device specified on the command line). The device must match QMCONFIG for entry 0 so that the software can find the Volume Table of Contents and Device List.

Action chdl is used to re-name a device. If re-naming the device for entry 0, first copy, move, or re-name the device, then set QMCONFIG to match the new device name, and then re-enter the chdl command specifying the QMCONFIG name for the device name.

See Also qmadmin(1)

1187 ERROR: 'fifo/lifo' must be last in sort order

Description While executing the qcreate command, a 'fifo' or 'lifo' value was specified in the queue ordering argument prior to the 'priority' or 'time' option, or both 'fifo' and 'lifo' were specified. The values 'fifo', 'lifo', 'priority', and 'time' may be entered once; 'fifo' and 'lifo' may not both be specified and must be specified as the last (least significant) option. Multiple values may be specified separated by commas

Action Re-enter the qcreate command specifying a valid value for the queue ordering argument.

See Also qmadmin(1)

1189 ERROR: Cannot specify 'none' with any other argument for out-of-order option

Description While executing the qcreate or qchange command, the value 'none' was specified with either 'top' or 'msgid' in the out-of-order enqueueing argument. The values 'top' and/or 'msgid' may be entered once or the value may be 'none' (with no other arguments). Multiple values may be specified separated by commas.

Action Re-enter the qcreate or qchange command specifying a valid value for the out-of-order enqueueing argument.

See Also qmadmin(1)

1190 ERROR: Queue name must be specified	
Description	While executing the qcreate or qchange command, the queue name was not entered at the prompt or an empty string was specified on the command line.
Action	Re-enter the qcreate or qchange command specifying a valid queue name.
See Also	qmadmin(1)
1191 ERROR: Cannot specify 'none' with any other argument for out-of-order option	
Description	While executing the qcreate or qchange command, the value 'none' was specified with either 'top' or 'msgid' in the out-of-order enqueueing argument. The values 'top' and/or 'msgid' may be entered once, or the value may be 'none' (with no other arguments). Multiple values may be specified separated by commas.
Action	Re-enter the qcreate or qchange command specifying a valid value for the out-of-order enqueueing argument.
See Also	qmadmin(1)
1192 ERROR: 'top' specified multiple times	
Description	While executing the qcreate or qchange command, the value 'top' was specified more than once in the out-of-order enqueueing argument. The values 'top' and/or 'msgid' may be entered once or the value may be 'none' (with no other arguments). Multiple values may be specified separated by commas.
Action	Re-enter the qcreate or qchange command specifying a valid value for the out-of-order enqueueing argument.
See Also	qmadmin(1)

1193 ERROR: Cannot specify 'none' with any other argument for out-of-order option

Description While executing the qcreate or qchange command, the value 'none' was specified with either 'top' or 'msgid' in the out-of-order enqueueing argument. The values 'top' and/or 'msgid' may be entered once or the value may be 'none' (with no other arguments). Multiple values may be specified separated by commas.

Action Re-enter the qcreate or qchange command specifying a valid value for the out-of-order enqueueing argument.

See Also qmadmin(1)

1194 ERROR: 'msgid' specified multiple times

Description While executing the qcreate or qchange command, the value 'msgid' was specified more than once in the out-of-order enqueueing argument. The values 'top' and/or 'msgid' may be entered once or the value may be 'none' (with no other arguments). Multiple values may be specified separated by commas.

Action Re-enter the qcreate or qchange command specifying a valid value for the out-of-order enqueueing argument.

See Also qmadmin(1)

1195 ERROR: Invalid out-of-order option

Description While executing the qcreate or qchange command, a value other than 'top', 'msgid' or 'none' was entered for the out-of-order enqueueing argument, or the value is not formatted correctly. The values 'top' and/or 'msgid' may be entered once or the value may be 'none' (with no other options). Multiple values may be specified separated by commas.

Action Re-enter the qcreate or qchange command specifying a valid value for the out-of-order enqueueing argument.

See Also qmadmin(1)

1198 ERROR: Retries must be numeric	
Description	While executing the qcreate or qchange command, a non-numeric retry count was specified.
Action	Re-enter the qcreate or qchange command using a numeric retry count.
See Also	qmadmin(1)

2 LIBQM Messages

1200-1299

1201	ERROR: Retry delay must be numeric
Description	While executing the qcreate or qchange command, a non-numeric delay value for the delay in seconds between retries was specified.
Action	Re-enter the qcreate or qchange command using a numeric retry delay value.
See Also	qmadmin(1)
1205	ERROR: Invalid high threshold type
Description	While executing the qcreate or qchange command, an invalid upper threshold value was specified (the suffix was not valid). The threshold value must be a number suffixed with 'b', 'B', '%', or 'm'.
Action	Re-enter the qcreate or qchange command using an appropriate threshold value.
See Also	qmadmin(1)

1206 ERROR: High threshold must be numeric	
Description	While executing the qcreate or qchange command, an invalid upper threshold value was specified. The threshold value must be a number suffixed with 'b', 'B', '%', or 'm'.
Action	Re-enter the qcreate or qchange command using an appropriate threshold value.
See Also	qmadmin(1)
1207 ERROR: Invalid high threshold number	
Description	While executing the qcreate or qchange command, an upper threshold value of 0 was specified, or a percentage greater than 100 was given.
Action	Re-enter the qcreate or qchange command using an appropriate threshold value.
See Also	qmadmin(1)
1210 ERROR: High and low threshold types do not match	
Description	While executing the qcreate or qchange command, the suffix on the upper threshold value doesn't match the suffix on the lower threshold value.
Action	Re-enter the qcreate or qchange command using appropriate threshold values.
See Also	qmadmin(1)
1211 ERROR: Low threshold must be numeric	
Description	While executing the qcreate or qchange command, an invalid lower threshold value was specified. The threshold value must be a number suffixed with 'b', 'B', '%', or 'm'.
Action	Re-enter the qcreate or qchange command using an appropriate threshold value.
See Also	qmadmin(1)

1212	ERROR: Low threshold must be less than high threshold
Description	While executing the qcreate or qchange command, the lower threshold value is larger than the upper threshold value.
Action	Re-enter the qcreate or qchange command using appropriate threshold values such that the lower value is less than the upper threshold value.
See Also	qmadmin(1)

1215	ERROR: Threshold command length must be less than <i>len</i> characters
Description	While executing the qcreate or qchange command, the threshold command was too long (that is, <i>len</i> characters or more).
Action	Re-enter the command with a threshold command that is 128 characters or less in length.
See Also	qmadmin(1)

1216	ERROR: Queue creation failed for queue name
Description	While executing the qcreate command, qmadmin failed to create the specified queue. There are many possible reasons for the failure and the specific reason is written to the standard output or the userlog.
Action	Re-enter the command when the problem has been resolved.
See Also	qmadmin(1)

1219	ERROR: Invalid priority
Description	While executing the qchangeprio command, a non-numeric priority was specified or the priority value was not in the range 1-100, inclusive.
Action	Re-enter the qchangeprio command using a numeric priority in the range 1-100.
See Also	qmadmin(1)

1221	WARN: Priority not changed
Description	While changing message priorities with the <code>qchangeprio</code> command, the user did not respond with Y or y to the prompt for confirmation and the operation was not done.
Action	No action required.
See Also	<code>qmadmin(1)</code>
1223	ERROR: Queue name length must be less than <i>len</i> characters
Description	While executing the <code>qchangequeue</code> command, the queue name was too long (that is, <i>len</i> characters or more).
Action	Re-enter the command with a queue name that is 15 characters or less in length.
See Also	<code>qmadmin(1)</code>
1224	ERROR: Queue name must be specified
Description	While executing the <code>qdestroy</code> command, the queue name was not entered at the prompt or an empty string was specified on the command line.
Action	Re-enter the <code>qdestroy</code> command specifying a valid queue name.
See Also	<code>qmadmin(1)</code>
1226	WARN: Queue not changed
Description	While changing the queue on which messages are queued with the <code>qchangequeue</code> command, the user did not respond with Y or y to the prompt for confirmation and the operation was not done.
Action	No action required.
See Also	<code>qmadmin(1)</code>

1228	ERROR: Invalid time format
Description	While executing the qchangetime command, an invalid date and time value was specified.
Action	Re-enter the qchangetime command using a valid date/time value. The value must be of the form YY[MM[DD[HH[MM[SS]]]]] (that is, 2 digits for year, and optionally 2 digits each for the month, date, hour, minute, and second), with an optional '+' prefix to indicate a relative value.
See Also	qmadmin(1)
1230	WARN: Time not changed
Description	While changing message execution time with the qchangetime command, the user did not respond with Y or y to the prompt for confirmation and the operation was not done.
Action	No action required.
See Also	qmadmin(1)
1232	WARN: Messages not deleted
Description	While deleting messages with the qdeletemsg command, the user did not respond with Y or y to the prompt for confirmation and the operation was not done.
Action	No action required.
See Also	qmadmin(1)
1233	ERROR: Cannot specify the -p and -f options together
Description	While executing the qdestroy command, both the -p and -f options were specified.
Action	Re-enter the qdestroy command with either the -p or -f option but not both.
See Also	qmadmin(1)

1234	ERROR: Cannot specify the -p and -f options together
Description	While executing the qdestroy command, both the -p and -f options were specified.
Action	Re-enter the qdestroy command with either the -p or -f option but not both.
See Also	qmadmin(1)
1237	WARN: Queue not destroyed
Description	While destroying a message queue with the qdestroy command, the user did not respond with Y or y to the prompt for confirmation and the operation was not done.
Action	No action required.
See Also	qmadmin(1)
1238	ERROR: Failed to destroy queue <i>queue</i>
Description	While executing the qdestroy command, qmadmin failed to destroy the specified queue, <i>queue</i> . There are many possible reasons for the failure and the specific reason is written to the standard output or the userlog.
Action	Re-enter the command when the problem has been resolved. If the command fails because other processes are attached to the queue space, the -f option can be specified to force destroying the queue. If the command fails because there are messages on the queue, the -p option can be specified to purge the queue and destroy it.
See Also	qmadmin(1)
1241	ERROR: Failed to open queue space <i>queue_space_name</i> on config <i>config</i>
Description	While executing the qopen command, qmadmin failed to open the specified queue space, <i>queue_space_name</i> , on the configuration device <i>config</i> . There are many possible reasons for the failure and the specific reason is written to the userlog.
Action	Check the userlog for the specific reason for failure. Re-enter the command when the problem has been resolved.
See Also	qmadmin(1)

1244 ERROR: Transaction index must be numeric

Description While executing the qaborttrans command, a non-numeric transaction index was specified.

Action Re-enter the qaborttrans command using a numeric transaction index associated with a transaction printed by the qprintrans command.

See Also qmadmin(1)

1246 WARN: Transaction not aborted

Description While heuristically aborting a transaction with the qaborttrans command, the user did not respond with Y or y to the prompt for confirmation and the operation was not done.

Action No action required.

See Also qmadmin(1)

1248 ERROR: Transaction index must be numeric

Description While executing the qcommittrans command, a non-numeric transaction index was specified.

Action Re-enter the committrans command using a numeric transaction index associated with a transaction printed by the qprintrans command.

See Also qmadmin(1)

1250 WARN: Transaction not committed

Description While heuristically committing a transaction with the qcommittrans command, the user did not respond with Y or y to the prompt for confirmation and the operation was not done.

Action No action required.

See Also qmadmin(1)

1256 ERROR: Invalid time format	
Description	While executing the qscan command, an invalid date and time value was specified.
Action	Re-enter the qscan command using a valid date/time value. The value must be of the form YY[MM[DD[HH[MM[SS]]]]] (that is, 2 digits for year, and optionally 2 digits each for the month, date, hour, minute, and second).
See Also	qmadmin(1)
1257 ERROR: Invalid time format	
Description	While executing the qscan command with a range of date/time values, an invalid date and time value was specified for the second value.
Action	Re-enter the qscan command using a valid date/time value. The value must be of the form YY[MM[DD[HH[MM[SS]]]]] (that is, 2 digits for year, and optionally 2 digits each for the month, date, hour, minute, and second). A range of date/time values is two date/time values separated by a hyphen.
See Also	qmadmin(1)
1258 ERROR: Invalid priority	
Description	While executing the qscan command, an invalid priority value was specified.
Action	Re-enter the qscan command using a valid priority value. The value must be numeric in the range 1-100, inclusive.
See Also	qmadmin(1)
1259 ERROR: Invalid priority	
Description	While executing the qscan command, an invalid range of priority values was specified.
Action	Re-enter the qscan command using a valid priority value. A priority value must be numeric in the range 1-100, inclusive, and a range of priorities is two priority values separated by a hyphen.
See Also	qmadmin(1)

1260	ERROR: Invalid message id
Description	While executing the qscan command, an invalid message identifier value was specified.
Action	Re-enter the qscan command using a valid message identifier value. The value must be a string, less than 33 characters in length, with backslash and non-printable characters entered as a backslash followed by a two-character hexadecimal value for the character.
See Also	qmadmIn(1)
1261	ERROR: Invalid correlation id
Description	While executing the qscan command, an invalid correlation identifier value was specified.
Action	Re-enter the qscan command using a valid correlation identifier value. The value must be a string, less than 33 characters in length, with backslash and non-printable characters entered as a backslash followed by a two-character hexadecimal value for the character.
See Also	qmadmIn(1)
1262	ERROR: Queue name length must be less than <i>len</i> characters
Description	While executing the qset command, the queue name was too long (that is, <i>len</i> characters or more).
Action	Re-enter the command with a queue name that is 15 characters or less in length.
See Also	qmadmIn(1)
1267	ERROR: Size must be numeric
Description	While executing the qsize command, a non-numeric queue space size was specified.
Action	Re-enter the qsize command using a numeric size of the queue space in disk pages (sectors).
See Also	qmadmIn(1)

1269 ERROR: Queue count must be numeric	
Description	While executing the qsize command, a non-numeric queue count was specified.
Action	Re-enter the qsize command using a numeric value for the maximum number of queues that can be created in the queue space.
See Also	qmadmin(1)
1271 ERROR: Transaction count must be numeric	
Description	While executing the qsize command, a non-numeric transaction count was specified.
Action	Re-enter the qsize command using a numeric value for the maximum number of concurrent transactions in the queue space.
See Also	qmadmin(1)
1273 ERROR: Process count must be numeric	
Description	While executing the qsize command, a non-numeric process count was specified.
Action	Re-enter the qsize command using a numeric value for the maximum number of concurrent processes accessing the queue space.
See Also	qmadmin(1)
1275 ERROR: Message count must be numeric	
Description	While executing the qsize command, a non-numeric message count was specified.
Action	Re-enter the qsize command using a numeric value for the maximum number of messages concurrently stored in the queue space.
See Also	qmadmin(1)

1279	ERROR: Must specify queue space name
Description	While executing the qspacecreate command, the queue space name specified is the null string (that is, the name was entered on the command line as "", or return was entered for the prompt for the Queue Space Name).
Action	Re-enter the qspacecreate command with the correct queue space name.
See Also	qmadmin(1)

1280	ERROR: Queue space name length must be less than <i>len</i> characters
Description	While executing the qspacecreate command, the queue space name was too long (that is, <i>len</i> characters or more).
Action	Re-enter the command with a queue space name that is 15 characters or less in length.
See Also	qmadmin(1)

1282	ERROR: IPC key must be numeric
Description	While executing the qspacecreate command, a non-numeric IPC key was specified.
Action	Re-enter the qspacecreate command using a numeric value for the IPC key used to create the queue space shared memory and semaphores.
See Also	qmadmin(1)

1284	ERROR: Size must be numeric
Description	While executing the qspacecreate command, a non-numeric queue space size was specified.
Action	Re-enter the qspacecreate command using a numeric size of the queue space in disk pages (sectors).
See Also	qmadmin(1)

1286 ERROR: Queue count must be numeric	
Description	While executing the qspacecreate command, a non-numeric queue count was specified.
Action	Re-enter the qspacecreate command using a numeric value for the maximum number of queues that can be created in the queue space.
See Also	qmadmin(1)
1288 ERROR: Transaction count must be numeric	
Description	While executing the qspacecreate command, a non-numeric transaction count was specified.
Action	Re-enter the qspacecreate command using a numeric value for the maximum number of concurrent transactions in the queue space.
See Also	qmadmin(1)
1290 ERROR: Process count must be numeric	
Description	While executing the qspacecreate command, a non-numeric process count was specified.
Action	Re-enter the qspacecreate command using a numeric value for the maximum number of concurrent processes accessing the queue space.
See Also	qmadmin(1)
1292 ERROR: Message count must be numeric	
Description	While executing the qspacecreate command, a non-numeric message count was specified.
Action	Re-enter the qspacecreate command using a numeric value for the maximum number of messages concurrently stored in the queue space.
See Also	qmadmin(1)

1294 ERROR: Error queue name length must be less than *len* characters

Description While executing the qspacecreate command, the error queue name was too long (that is, *len* characters or more).

Action Re-enter the command with an error queue name that is 15 characters or less in length.

See Also qmadmin(1)

1295 ERROR: Queue space creation failed

Description While executing the qspacecreate command, qmadmin failed to create the specified queue space. There are many possible reasons for the failure and the specific reason is written to the standard output or the userlog.

Action Re-enter the command when the problem has been resolved.

See Also qmadmin(1)

1298 WARN: Queue space not destroyed

Description While destroying a queue space with the qspacedestroy command, the user did not respond with Y or y to the prompt for confirmation and the operation was not done.

Action No action required.

See Also qmadmin(1)

3 LIBQM Messages

1300-1399

1350 ERROR: *operation* - failed to open table *qspace.extent* on config *config*

Description The specified *operation* could not open the queue space extent, *qspace.extent*, on the specified configuration, *config*. The *operation* is one of the following: Print transactions, Commit transaction, Abort transaction, Queue information, Queue scan, Queue list, Change priority, Delete messages, ipcs, ipcrm, Create queue space, Add extent, Destroy queue space, Create queue, Destroy queue, enqueue, dequeue, Queue information, xa_open, xa_close, xa_start, xa_end, xa_prepare, xa_commit, xa_rollback, xa_recover, xa_forget, Transaction commit, Transaction rollback, Change exec time, or Change queue.

Action Normally this error results from specifying an invalid queue space name or configuration device. When using qmadmin, check the values of QMCONFIG and the queue space name. When this results from a client or server failing in tpopen(3c), check the OPENINFO string in the configuration file. It may also result from have too few file descriptors configured in the operating system tunable parameters.

See Also qmadmin(1), ubbconfig(5)

1351	ERROR: <i>operation</i> - failed to read block <i>block</i> of table <i>qspace.extent</i> on config <i>config</i>
Description	The specified <i>operation</i> could not read a block from the queue space extent, <i>qspace.extent</i> , on the specified configuration, <i>config</i> . The <i>operation</i> values are listed in message 1350.
Action	This probably indicates a disk error or problem and normally means that a message will be lost. Contact your BEA TUXEDO system Technical Support.
1352	ERROR: <i>operation</i> - failed to write block <i>block</i> of table <i>qspace.extent</i> on config <i>config</i>
Description	The specified <i>operation</i> could not write a block to the queue space extent, <i>qspace.extent</i> , on the specified configuration, <i>config</i> . The <i>operation</i> values are listed in message 1350.
Action	This probably indicates a disk error or problem and may mean that a message will be lost. Contact your BEA TUXEDO system Technical Support.
1353	ERROR: <i>operation</i> - checksum failed on block <i>block</i> of table <i>qspace.extent</i> on config <i>config</i>
Description	The specified <i>operation</i> could read a block from the queue space extent <i>qspace.extent</i> on the specified configuration, <i>config</i> , and found that its checksum was not valid. The <i>operation</i> values are listed in message 1350.
Action	This probably indicates a disk error or problem and normally means that a message will be lost. Contact your BEA TUXEDO system Technical Support.
1354	ERROR: <i>operation</i> - queue space for rmid <i>rmid</i> not defined or not open
Description	The specified <i>operation</i> was executed but the queue space (the resource manager identified by <i>rmid</i>) either didn't exist or was not open. The <i>operation</i> values are listed in message 1350. This probably indicates that a System/T client or server did not call <code>tpopen()</code> before starting a transaction.
Action	Call <code>tpopen()</code> to open the queue space before doing any transaction operations.
See Also	<code>tpopen(3c)</code>

1355 ERROR: *[operation - invalid flags 0xflags]*

Description An invalid flags value, *flags*, was passed from the transaction manager to the specified *operation*(*xa_start*, *xa_end*, *xa_prepare*, *xa_commit*, *xa_rollback*, *xa_recover*, or *xa_forget*).

Action Contact your BEA TUXEDO system Technical Support.

1356 ERROR: *operation - queue space qspace needs to be restarted*

Description An error was detected in the queue space that requires the resource manager to be restarted. Normally, this is caused by the abnormal termination of a process attached to the queue space while it was in a critical section of code.

Action Stop all processes attached to the queue space, remove the IPC resources using the `qmadm ipcrm` command, and restart the processes.

See Also `qmadm(1)`

1357 ERROR: *operation - invalid queue name name*

Description An invalid queue name, *name*, was specified for the specified *operation*. The operation can be one of the following: “Queue information”, “Queue list”, “Change priority”, “Change exec time”, “Change queue”, “Delete messages”, or “Destroy queue”.

Action Use the `qinfo` command to list the available queues in the queue space and re-enter the command with a valid queue name.

See Also `qmadm(1)`

1360 WARN: Print transaction - unable to save transaction information; committrans and aborttrans not available

Description While executing the `qprintrans` command, the transaction information that can be subsequently used for `qcommittrans` or `qaborttrans` could not be saved because `malloc()` failed.

Action It will not be possible to execute `qcommittrans` or `qaborttrans` successfully. No action required.

See Also `qmadm(1)`

1377 ERROR: <i>operation</i> - must execute printtrans to get transaction information	
Description	The qcommittrans or qaborttrans command was executed without previously executing printtrans successfully (that is, without getting message 1377) to get a list of transactions.
Action	Execute the qprinttrans command to get a list of transactions. An index for one of the listed transactions must be specified for the qcommittrans or qaborttrans command.
See Also	qmadmin(1)
1378 ERROR: <i>operation</i> - invalid transaction index specified	
Description	While executing the qcommittrans or qaborttrans command, a transaction index was specified that did not match an index printed by the qprinttrans command.
Action	Specify a valid transaction index from the output of the qprinttrans command.
See Also	qmadmin(1)
1379 ERROR: <i>operation</i> - transaction for the index specified has changed	
Description	While executing the qcommittrans or qaborttrans command, a transaction index was specified for a transaction that no longer exists (that is, has already been completed).
Action	Re-execute the qprinttrans command to get a list of transactions that are currently outstanding and re-enter the qcommittrans or qaborttrans command with a valid transaction index.
See Also	qmadmin(1)

1381	ERROR: <i>operation</i> - cannot heuristically complete, status <i>status</i>
Description	While executing the qcommittrans or qaborttrans command, a transaction index was specified for a transaction that is not in the READY state. The current status of the transaction, <i>status</i> , is printed in the system message.
Action	Execute the qprintrans command to get a list of currently outstanding transactions. Only transactions in the READY state may be specified for the qcommittrans or qaborttrans command.
See Also	qmadmin(1)

1398	INFO: Queue information - no queues defined.
Description	The qinfo command was executed but no queues are currently defined in the open queue space.
Action	No action required.
See Also	qmadmin(1)

1399	ERROR: Queue scan - Memory allocation failure
Description	An attempt to dynamically allocate memory from the operating system using malloc() failed while scanning the queue. The associated operation (qlist, qchangetime, qchangeprio, qchangequeue, or qdeletemsg) will fail.
Action	Ensure that the operating system parameters are set correctly for the amount of memory on the machine and the amount of memory that can be used by a process. Reduce the memory usage on the machine or increase the amount of physical memory on the machine.
See Also	qmadmin(1)

4 LIBQM Messages

1400-1499

1400	ERROR: Queue scan - realloc() failed
Description	An attempt to dynamically re-allocate memory from the operating system using realloc() failed while scanning the queue. The associated operation (qlist, qchangetime, qchangeprio, qchangequeue, or qdeletemsg) will fail.
Action	Ensure that the operating system parameters are set correctly for the amount of memory on the machine and the amount of memory that can be used by a process. Reduce the memory usage on the machine or increase the amount of physical memory on the machine.
See Also	qmadm(1)
1401	INFO: Queue list - no messages matched on queue name
Description	While executing the qlist command, no messages were found on the queue name that was set with qset and the selection criteria set with qscan.
Action	Try specifying a different queue name or different scan criteria using qset or qscan. No action required.
See Also	qmadm(1)

1407	INFO: operation - no messages matched on queue name
Description	While executing the qchangetime or qchangeprio command, no messages were found on the queue name that was set with qset and the selection criteria set with qscan.
See Also	qmadmin(1)
1409	WARN: Queue change - new queue name <i>newqueue</i> matches old queue name
Description	While changing the queue on which messages are queued, the new queue name matched the original queue name so no change occurred.
Action	No action required.
See Also	qmadmin(1)
1410	INFO: operation - no messages matched on queue name
Description	While executing the qchangequeue or qdeletemsg command, no messages were found on the queue name that was set with qset and the selection criteria set with qscan.
Action	No action required
See Also	qmadmin(1)
1422	ERROR: ipcrm - processes attached to queue space <i>qspace</i>
Description	While executing the ipcrm command without the -f option or while executing the qaddext or qspacedestroy command, the IPC resources could not be removed because other processes were attached to the queue space.
Action	Stop all processes attached to the queue space and re-execute the command. In rare situations where it doesn't matter if processes are attached to the queue space, the -f option of ipcrm can be used to force removal of the IPC resources, even if processes are attached to the queue space.
See Also	qmadmin(1)

1423	WARN: ipcrm - failed to remove semid <i>ident</i> for queue space <i>qspace</i>
Description	While executing the ipcrm, qaddext, or qspacedestroy command, one of the semaphores with semaphore identifier <i>ident</i> was not removed.
Action	Normally this should not occur since the administrator is running qmadmin and is also the owner of the IPC resources. It is possible that the semaphore was removed directly using the operating system ipcrm(1) command. The operating system command (outside of qmadmin) “ipcs -s” will list currently existing semaphores and the semaphore can be removed directly by executing “ipcrm -s” <i>ident</i> .
See Also	qmadmin(1)

1424	WARN: ipcrm - failed to delete shared memory id <i>ident</i> for queue space <i>qspace</i>
Description	While executing the ipcrm, qaddext, or qspacedestroy command, one of the shared memory segments with identifier <i>ident</i> was not removed.
Action	Normally this should not occur since the administrator is running qmadmin and is also the owner of the IPC resources. It is possible that the shared memory segment was removed directly using the operating system ipcrm(1) command. The operating system command (outside of qmadmin) “ipcs -m” will list currently existing shared memory segments and the segment can be removed directly by executing “ipcrm -m” <i>ident</i> .
See Also	qmadmin(1)

1425	ERROR: Queue space creation - invalid parameter
Description	While executing the qspacecreate command, an invalid parameter was specified. The following are invalid: the IPC key is less than or equal to 0; the number of queues, transactions, processes, or messages is less than or equal to 0; the configuration device is not specified; the queue space name is not specified or is greater than 15 characters in length; or the extent size is less than or equal to 0.
Action	Re-enter the command with the correct parameters.
See Also	qmadmin(1)

1427	ERROR: Queue space creation - extent size too small
Description	While executing the <code>qspacecreate</code> command, the size of the extent that was specified was too small.
Action	Re-enter the <code>qspacecreate</code> command with an extent size that is at least $(Q + 2)$ where Q is the number of queues specified.
See Also	<code>qadmin(1)</code>
1428	ERROR: Queue space creation - failed to create table <i>name</i>, size <i>size</i> on config <i>config</i>
Description	While executing the <code>qspacecreate</code> command, <code>qadmin</code> was unable to create a table, <i>name</i> , of size, <i>size</i> , on the configuration file, <i>config</i> . Most likely, there was not enough space available in the universal device list (or the UDL was not correctly initialized).
Action	Use the <code>lidl</code> command to ensure that the universal device list is properly initialized and has enough space (use the <code>crdl</code> command to initialize it and create an extent that can be used to allocate space for the queue space). Also check the userlog for messages regarding locking the configuration or other configuration errors.
See Also	<code>qadmin(1)</code>
1429	ERROR: Add extent - invalid parameter
Description	While executing the <code>qaddextent</code> command, an invalid parameter was specified. The following are invalid: the device is not specified; the queue space name is not specified or is greater than 15 characters in length; or the extent size is less than or equal to 0.
Action	Re-enter the command with the correct parameters.
See Also	<code>qadmin(1)</code>

1430	ERROR: Add extent - cannot lock queue space <i>name</i>
Description	While executing the qaddext command, qmadmin failed to lock the QMCONFIG device for exclusive update.
Action	Check the userlog for further information about the process that has the configuration locked. Re-enter the command after the configuration has been unlocked.
See Also	qmadmin(1)

1431	ERROR: Add extent - failed to create table <i>name</i>, size <i>size</i> for new extent on config <i>config</i>
Description	While executing the qaddext command, qmadmin was unable to create a table, <i>name</i> , of size, <i>size</i> , on the configuration file, <i>config</i> . Most likely, there was not enough space available in the universal device list (or the UDL was not correctly initialized).
Action	Use the lidl command to ensure that the universal device list is properly initialized and has enough space (use the crdl command to initialize it and create an extent that can be used to allocate the extent for the queue space). Also check the userlog for messages regarding locking the configuration or other configuration errors.
See Also	qmadmin(1)

1432	ERROR: Destroy queue space - invalid parameter
Description	While executing the qspacedestroy command, an invalid parameter was specified. The following are invalid: the device is not specified; or the queue space name is not specified or is greater than 15 characters in length.
Action	Re-enter the command with the correct parameters.
See Also	qmadmin(1)

1433 ERROR: Destroy queue space - cannot lock queue space <i>name</i>	
Description	While executing the qdestroyspace command, qmadmin failed to lock the QMCONFIG device for exclusive update.
Action	Check the userlog for further information about the process that has the configuration locked. Re-enter the command after the configuration has been unlocked.
See Also	qmadmin(1)
1434 ERROR: Destroy queue space - queue exists and force flag not specified	
Description	The qspacedestroy command without the -f option but one or more queues exist in the queue space.
Action	Execute the qinfo command to see what queues exist in the queue space and how many messages are on the queues. To destroy the queue space, even if queues exist and processes may be attached, execute the qspacedestroy command with the -f option.
See Also	qmadmin(1)
1435 WARN: Destroy queue space - failed to destroy table <i>name</i> on config <i>config</i>	
Description	While executing the qspacedestroy command, qmadmin was unable to destroy a configuration table, <i>name</i> , associated with queue space extent.
Action	Check the userlog to see if further information failure has been printed there. Contact your BEA TUXEDO system Technical Support.
See Also	qmadmin(1)

1436 ERROR: Create queue - invalid parameter

Description While executing the qcreate command, an invalid parameter was specified. The following are invalid: invalid ordering parameters such as the same sort value specified more than once or 'lifo'/'fifo' not specified as the least significant sort value; an invalid out-of-order value; retries or delay time less than 0; the queue space name is not specified or greater than 15 characters in length; the upper threshold less than or equal to 0 or less than the lower threshold value; or an invalid threshold type or a threshold type of '%' with a upper threshold value greater than 100.

Action Re-enter the command with the correct parameters.

See Also qmadmin(1)

1437 ERROR: Create queue - duplicate queue name '*queue_name*'

Description While executing the qcreate command, a queue name, *queue_name*, was specified that already exists in the queue space.

Action Use the qinfo command to list the queues that currently exist in the queue space and choose a different queue name.

See Also qmadmin(1)

1438 INFO: Create queue - error queue *name* created

Description The queue that was just created with the qcreate command is the error queue that was defined for the queue space (using the qspacecreate command). When the queue space is first created and opened, the error queue does not exist and a warning is printed in the userlog. This message indicates that the error queue is now available.

Action No action required.

See Also qmadmin(1)

1439 ERROR: Destroy queue - invalid queue name parameter

Description While executing the qdestroy command, the queue name was not specified.

Action Re-execute the command with a valid queue name.

See Also qmadmin(1)

1440 ERROR: Destroy queue failed - processes attached	
Description	While executing the qdestroy command without the -f option, the operation failed because processes were attached to the queue space.
Action	Stop the processes that are attached to the queue space and re-execute the command. In situations where it doesn't matter if processes are attached to the queue space, the -f option of qdestroy can be used to force removal of the queue, even if processes are attached to the queue space.
See Also	qmadmin(1)
1441 ERROR: Destroy queue failed - shmctl returned -1, errno = <i>errno</i>	
Description	While executing the qdestroy command without the -f option, the operation failed because qmadmin was unable to get the status of the queue space shared memory. The errno, <i>errno</i> , is printed as part of the message.
Action	Using the errno, determine why the status (shmctl) failed and re-execute the command. If necessary, stop all processes attached to the queue space and remove the IPC resources using the qmadmin ipcrm command.
See Also	qmadmin(1)
1442 ERROR: Semaphore initialization - Memory allocation failure	
Description	An attempt to dynamically allocate memory from the operating system using malloc() failed while initializing the system semaphores.
Action	Ensure that the operating system parameters are set correctly for the amount of memory on the machine and the amount of memory that can be used by a process. Reduce the memory usage on the machine or increase the amount of physical memory on the machine.

1443	ERROR: Destroy queue failed - messages on queue and force or purge not specified
Description	While executing the qdestroy command without the -f or -p options, messages were found on the queue.
Action	If the queue is to be destroyed, purging the messages from the queue, then re-execute the qdestroy command with the -p option.
See Also	qmadmin(1)

1444	WARN: Destroy queue - error queue <i>queue_name</i> destroyed
Description	While executing the qdestroy command, the error queue for the queue space was destroyed. This means that when messages have reached their retry count limit, they will be deleted instead of being moved to the error queue.
Action	No action required.
See Also	qmadmin(1)

1445	ERROR: operation - invalid queuespace <i>qspace</i> on config <i>config</i>
Description	While executing the specified operation, <i>operation</i> , for the queue space, <i>qspace</i> , on the specified configuration, <i>config</i> , the operation failed because the queue space was not valid. In particular, the first block of the first extent did not contain a valid queue space block (superblock). The <i>operation</i> may be one of ipcs, ipcrm, “Add extent”, “Destroy queue space”, or xa_open.
Action	Check to make sure that the correct queue space name and device were specified. Contact your BEA TUXEDO system Technical Support.
See Also	qmadmin(1)

1446	ERROR: semop() lock failure, id = <i>ident</i>, errno = <i>errno</i>
Description	While trying to lock a portion of the queue space (using a system semaphore with the specified identifier, <i>ident</i>), an error was returned from the semop() system call (the error number was <i>errno</i>). This usually indicates that the semaphore was removed using ipcrm and can be verified by using the ipcs(1) command.
Action	Stop all processes attached to the queue space. Remove all IPC resources using the ipcrm command within qmadmin, and re-start the processes.
See Also	qmadmin(1)
1447	WARN: [Semaphore appears stuck - currently held by <i>pid</i>]
Description	While trying to lock a portion of the queue space (using a user-level semaphore), the process is unable to get the lock for a long period.
Action	This WARNING message is from _qm_lock() function, which locks any semaphore used by the queue space. The process identifier printer in this WARNING message should give you some indication of which process is trying to lock the semaphore. If the process is hung it must be stopped and the IPC resources must be removed using qmadmin ipcrm command
See Also	qmadmin(1)
1448	ERROR: semop() unlock failure, id = <i>ident</i>, errno = <i>errno</i>
Description	While trying to unlock a portion of the queue space (using a system semaphore with the specified identifier, <i>ident</i>), an error was returned from the semop() system call (the error number was <i>errno</i>). This usually indicates that the semaphore was removed using ipcrm and can be verified by using the ipcs(1) command.
Action	Contact your BEA TUXEDO system Technical Support.
See Also	qmadmin(1)

1449	ERROR: Create queue - no more queue entries (max = <i>entries</i>)
Description	While executing the <code>qcreate</code> command, no more queue entries were available. The number of queues is specified when the queue space is created.
Action	Use the <code>qinfo</code> command to see what queues are available in the queue space and determine if they are all being used. Re-use an existing queue or delete an existing queue using the <code>qdelete</code> command.
See Also	<code>qmadm(1)</code>

1450	ERROR: <code>semctl()</code> SETALL failure, key = <i>key</i>, <code>errno</code> = <i>errno</i>
Description	While first opening the queue space and initializing the IPC resources, <code>semctl</code> failed to initialize a newly created semaphore set. The key for the semaphore set, <i>key</i> , and the error number, <i>errno</i> , are printed in the message.
Action	Determine why the error occurred by looking at the <code>errno</code> value and also checking if the semaphore set exists using the <code>ipcs(1)</code> command. Remove any IPC resources created for the queue space using the <code>ipcrm</code> command in <code>qmadm</code> and try again.
See Also	<code>qmadm(1)</code>

1451	ERROR: <code>semget()</code> failure, key = <i>key</i>, <code>errno</code> = <i>errno</i>
Description	While first opening the queue space and initializing the IPC resources, <code>semget</code> failed to get a semaphore set. The key for the semaphore set, <i>key</i> , and the error number, <i>errno</i> , are printed in the message.
Action	Determine why the error occurred by looking at the <code>errno</code> value and also checking if the semaphore set exists using the <code>ipcs(1)</code> command.
See Also	<code>qmadm(1)</code>

1452	ERROR: semop() lock failure, id = <i>ident</i>, errno = <i>errno</i>
Description	While trying to lock the queue space (using a system semaphore with the specified identifier, <i>ident</i>), an error was returned from the semop() system call (the error number was <i>errno</i>). This usually indicates that the semaphore was removed using ipcrm and can be verified by using the ipcs(1) command.
Action	Stop all processes attached to the queue space. Remove all IPC resources using the ipcrm command within qmadmin, and re-start the processes.
See Also	qmadmin(1)
1456	ERROR: Enqueue - Memory allocation failure
Description	An attempt to dynamically allocate memory from the operating system using malloc() failed while enqueueing a message.
Action	Ensure that the operating system parameters are set correctly for the amount of memory on the machine and the amount of memory that can be used by a process. Reduce the memory usage on the machine or increase the amount of physical memory on the machine.
See Also	qmadmin(1)
1457	ERROR: Enqueue - realloc() failed
Description	An attempt to dynamically re-allocate memory from the operating system using realloc() failed while enqueueing a message.
Action	Ensure that the operating system parameters are set correctly for the amount of memory on the machine and the amount of memory that can be used by a process. Reduce the memory usage on the machine or increase the amount of physical memory on the machine.
See Also	topenqueue(3c)

1458 ERROR: Enqueue - out of message entries

Description While trying to enqueue a message, the maximum number of messages that can be stored in the queue space was reached so the message could not be enqueued. A diagnostic “(QMESYSTEM)” is returned to the process trying to enqueue the message.

Action Remove some messages from the queue space either by processing them or by deleting some via the qdeletemsg command of qmadmin. The qinfo command of qmadmin can be used to determine on what queues the messages reside.

See Also qmadmin(1), tpenqueue(3c)

1459 ERROR: Enqueue - out of queue space

Description While trying to enqueue a message, no room was found to store the message in the queue space so the message could not be enqueued. A diagnostic “(QMESYSTEM)” is returned to the process trying to enqueue the message.

Action Remove some messages from the queue space either by processing them or by deleting some via the qdeletemsg command of qmadmin. The qinfo command of qmadmin can be used to determine on what queues the messages reside. The qaddext command can be used to add another extent to the queue space to provide more room for storing messages.

See Also qmadmin(1)

1460 ERROR: Dequeue - Memory allocation failure

Description An attempt to dynamically allocate memory from the operating system using malloc() failed while dequeuing a message.

Action Ensure that the operating system parameters are set correctly for the amount of memory on the machine and the amount of memory that can be used by a process. Reduce the memory usage on the machine or increase the amount of physical memory on the machine.

See Also tpdequeue(3c)

1461 ERROR: Dequeue - realloc() failed	
Description	An attempt to dynamically re-allocate memory from the operating system using realloc() failed while dequeuing a message.
Action	Ensure that the operating system parameters are set correctly for the amount of memory on the machine and the amount of memory that can be used by a process. Reduce the memory usage on the machine or increase the amount of physical memory on the machine.
See Also	qmadmin(1)
1462 ERROR: Dequeue - Memory allocation failure	
Description	An attempt to dynamically allocate memory from the operating system using malloc() failed while dequeuing a message.
Action	Ensure that the operating system parameters are set correctly for the amount of memory on the machine and the amount of memory that can be used by a process. Reduce the memory usage on the machine or increase the amount of physical memory on the machine.
See Also	tpdequeue(3c)
1463 ERROR: Dequeue - realloc() failed	
Description	An attempt to dynamically re-allocate memory from the operating system using realloc() failed while dequeuing a message.
Action	Ensure that the operating system parameters are set correctly for the amount of memory on the machine and the amount of memory that can be used by a process. Reduce the memory usage on the machine or increase the amount of physical memory on the machine.
See Also	tpdequeue(3c)

1464	ERROR: xa_open() - OPENINFO string is null
Description	xa_open was called with a NULL OPENINFO string. The NULL value is only supposed to be passed to the “NULL XA” interface. This usually indicates that the application was configured as the “NULL XA” interface but the server provided was that for the Queue Manager.
Action	Change the configuration to indicate the correct resource manager.
See Also	ubbconfig(5)
1465	ERROR: xa_open() - OPENINFO string length must be less than <i>len</i> characters
Description	xa_open was called with an OPENINFO string that was too long (that is, <i>len</i> characters or more).
Action	Change the application configuration to ensure that the OPENINFO string, composed of the name of configuration device or file and the queue space name, separated by a colon, is 256 characters or less in length.
See Also	ubbconfig(5)
1467	ERROR: xa_open() - invalid OPENINFO string
Description	xa_open was called with an invalid OPENINFO string; it did not contain a colon separating the configuration name from the queue space name.
Action	Change the application configuration to ensure that the OPENINFO string is composed of the name of configuration device or file and the queue space name, separated by a colon.
See Also	ubbconfig(5)
1468	ERROR: [xa_open() - OPENINFO doesn't match for rmid <i>rmid</i>]
Description	xa_open was called more than once in the same process with the same resource manager identifier, <i>rmid</i> , but with different OPENINFO strings.
Action	Contact your BEA TUXEDO system Technical Support.

1469	ERROR: [xa_close() - thread must dissociate before calling xa_close]
Description	xa_close was called while still associated with a transaction.
Action	Contact your BEA TUXEDO system Technical Support.
1470	ERROR: xa_open() - Memory allocation failure
Description	An attempt to dynamically allocate memory from the operating system using malloc() failed while opening a queue space.
Action	Ensure that the operating system parameters are set correctly for the amount of memory on the machine and the amount of memory that can be used by a process. Reduce the memory usage on the machine or increase the amount of physical memory on the machine.
1471	ERROR: operation - effective user id, userid, must match the owner of config, config_userid
Description	The process was run by a user whose effective user identifier, <i>userid</i> , is not the same as the owner of the configuration device, <i>config</i> , which has a user identifier <i>config_userid</i> .
Action	Change the ownership of the configuration device or file, or run the program as the corresponding user.
See Also	qmadmin(1)
1472	ERROR: xa_start() - no more tran table entries (max = entries)
Description	xa_start was called to start a new transaction but no transaction entries are free in the queue space.
Action	Execute the qprintrans command to see what transactions are currently outstanding. Use qcommittrans or qaborttrans to complete transactions that are in READY state but not completed.
See Also	qmadmin(1)

1473	ERROR: Queue space creation - ipckey is already used -- choose another one or check existing semaphores
Description	While executing the qspacecreate command, an IPC key was specified for which a semaphore already exists. This probably means that another application is using the IPC key.
Action	Choose another IPC key and re-execute the command.
See Also	qmadmin(1)
1474	ERROR: [xa_start() - TMRESUME specified for unassociated thread]
Description	xa_start was called with the TMRESUME flag in a process that is not associated with the transaction.
Action	Contact your BEA TUXEDO system Technical Support.
1475	ERROR: [xa_start() - cannot associate with prepared transaction]
Description	xa_start was called for a transaction that is prepared for commit. xa_start will fail.
Action	Contact your BEA TUXEDO system Technical Support.
1476	ERROR: [xa_start() - called with TMJOIN when TMRESUME expected]
Description	xa_start() was called with the TMJOIN flag for a transaction in which the process is currently suspended.
Action	Contact your BEA TUXEDO system Technical Support.
1477	ERROR: [xa_start() - called twice with no intervening xa_end]
Description	xa_start() was called for a transaction with which the process is already associated.
Action	Contact your BEA TUXEDO system Technical Support.
1478	ERROR: [xa_end() - TMMIGRATE not supported]
Description	xa_end() was called with the TMMIGRATE flag, even though the resource manager indicated that it does not support migration.
Action	Contact your BEA TUXEDO system Technical Support.

1479	ERROR: [xa_end() - xid differs from xa_start xid]
Description	xa_end was called with a transaction identifier that is different from the one with which the process is currently associated.
Action	Contact your BEA TUXEDO system Technical Support.
1480	ERROR: [xa_end() - called from unassociated thread]
Description	xa_end was called in a process that is not associated with a transaction.
Action	Contact your BEA TUXEDO system Technical Support.
1481	ERROR: [xa_end() - xid differs from xa_start xid]
Description	xa_end was called with a transaction identifier that does not match the transaction identifier specified in the prior xa_start.
Action	Contact your BEA TUXEDO system Technical Support.
1482	ERROR: [xa_end() - transaction status not valid (trx = index, status = status)]
Description	xa_end() was called but the transaction status is not valid.
Action	Contact your BEA TUXEDO system Technical Support.
1483	ERROR: [xa_prepare() - transaction already in ready state]
Description	xa_prepare was called but the transaction is already in READY state.
Action	Contact your BEA TUXEDO system Technical Support.
1484	ERROR: [xa_prepare() - threads still active]
Description	xa_prepare() was called while one or more processes were still associated with the transaction.
Action	Contact your BEA TUXEDO system Technical Support.
1485	ERROR: [xa_prepare() - transaction not in proper state for prepare (status = 0xstatus)]
Description	xa_prepare() was called but the transaction is not in a valid state.
Action	Contact your BEA TUXEDO system Technical Support.

1486	ERROR: [xa_commit() - threads still active]
Description	xa_commit() was called but one or more processes are still associated with the transaction.
Action	Contact your BEA TUXEDO system Technical Support.
1487	ERROR: [xa_commit() - tried to one-phase commit and TMONEPHASE not set]
Description	xa_commit() was called without first calling xa_prepare() but the TMONEPHASE flag was not set.
Action	Contact your BEA TUXEDO system Technical Support.
1488	ERROR: [xa_commit() - transaction not in proper state for commit (status = 0xstatus)]
Description	xa_commit() was called but the transaction is not in a valid state.
Action	Contact your BEA TUXEDO system Technical Support.
1489	ERROR: [xa_rollback() - transaction not in proper state for roll back (status=0xstatus)]
Description	xa_rollback() was called but the transaction is not in a valid state.
Action	Contact your BEA TUXEDO system Technical Support.
1490	ERROR: [xa_recover() - xid pointer is NULL, count is not 0]
Description	xa_recover() was called with a NULL pointer for the transaction array but the count of entries in the array is not 0.
Action	Contact your BEA TUXEDO system Technical Support.
1491	ERROR: [xa_recover() - count cannot be negative]
Description	xa_recover() was called with a negative count for the number of entries in the transaction array.
Action	Contact your BEA TUXEDO system Technical Support.

1492	ERROR: [xa_recover() - called without TMSTARTRSCAN and scan not in progress]
Description	xa_recover() was called without the TMSTARTRSCAN flag and it was not previously called with the TMSTARTRSCAN to start a scan.
Action	Contact your BEA TUXEDO system Technical Support.
1493	ERROR: [xa_forget() - transaction has not been heuristically completed]
Description	xa_forget() was called for a transaction that has not been heuristically committed or rolled back.
Action	Contact your BEA TUXEDO system Technical Support.
1494	ERROR: xa_open() - failed to get shared memory, key = <i>key</i>, errno = <i>errno</i>
Description	While opening the queue space, xa_open() was unable to get the necessary shared memory. The error number, <i>errno</i> , is printed in the message.
Action	This failure can be caused by a number of reasons but the most likely is that either the amount of shared memory requested would cause an operating system tunable to be exceeded (shared memory for the system or shared memory identifiers), or another application is using the same key. Determine and correct the problem.
1495	ERROR: xa_open() - failed to attach to shared memory, key = <i>key</i>, errno = <i>errno</i>
Description	While opening the queue space, xa_open() was unable to attach to the queue space shared memory. The error number, <i>errno</i> , is printed in the message.
Action	This failure can be caused by a number of reasons but the most likely is that the amount of shared memory requested would cause an operating system tunable to be exceeded (shared memory for the system, process size or shared memory segments attached to a process). Determine and correct the problem.

1496 WARN: xa_open() - error queue *name* not created

Description While opening the queue space, the error queue, *name*, does not exist.

Action No action is required but any messages that reach the retry count limit for their queue will be deleted instead of being moved to the queue space error queue. It is recommended that the error queue be creating using the qcreate command of qmadmin.

See Also qmadmin(1)

1497 ERROR: xa_open() - no more process table slots

Description While opening the queue space, no more entries were found in the process table. The size of this table is specified when the queue space is created.

Action Stop any processes that are attached to the queue space that are not needed.

See Also qmadmin(1)

1498 WARN: xa_open() - message with no matching queue '*name*'

Description While opening the queue space for the first time after the machine has been booted or after the IPC resources have been removed, the queue space is warm started. During warm start, a message was found that did not have a corresponding queue. This can occur when a queue with messages on it is deleted but the operation does not complete.

Action If the queue named in the message was not deleted, contact your BEA TUXEDO system Technical Support.

See Also qmadmin(1)

1499 ERROR: xa_open() - no more tran table entries (max = *entries*)

Description While opening the queue space for the first time after the machine has been booted or after the IPC resources have been removed, the queue space is warm started. During warm start, all transaction table entries were used.

Action This could occur if the queue space transaction table size was changed with outstanding transactions on the queue space. Use the qspacechange command to increase the size of the transaction table.

5 LIBQM Messages

1500-1599

1500 ERROR: Heuristic or one-phase commit - out of queue space

Description While executing the qcommittrans command to heuristically commit a transaction, qmadmin was unable to record the heuristic commit because the queue space had no more room for messages. If the IPC resources for the queue space are removed before the transaction manager asks about the status of the heuristically completed transaction, the status will be lost.

This can also occur if the transaction manger does a one-phase commit. If the one-phase commit is interrupted before completion, the transaction may be inconsistent.

Action No action required.

See Also qmadmin(1)

1501 ERROR: Heuristic rollback - out of queue space

Description While executing the qrollbacktrans command to heuristically rollback a transaction, qmadmin was unable to record the heuristic rollback because the queue space had no more room for messages. If the IPC resources for the queue space are removed before the transaction manager asks about the status of the heuristically completed transaction, the status will be lost.

Action No action required.

See Also qmadmin(1)

1502	ERROR: xa_open() - system time is older than the last restart time
Description	When opening (warm starting) a queue space, the current system time was found to be older than the last time that the queue space was started.
Action	Re-set the system time appropriately.
1505	ERROR: Blocking factor must be numeric
Description	While executing the qspacecreate command, a non-numeric blocking factor was specified.
Action	Re-enter the qspacecreate command using a numeric blocking factor.
See Also	qmadmin(1)
1507	ERROR: Must specify queue space name
Description	While executing the qspacechange command, the queue space name specified is the null string (that is, the name was entered on the command line as "", or return was entered for the prompt for the Queue Space Name).
Action	Re-enter the qspacechange command with the correct queue space name.
See Also	qmadmin(1)
1508	ERROR: Queue space name length must be less than <i>len</i> characters
Description	While executing the qspacechange command, the queue space name was too long (that is, <i>len</i> characters or more).
Action	Re-enter the command with a queue space name that is 15 characters or less in length.
See Also	qmadmin(1)

1510 ERROR: IPC key must be numeric

Description While executing the qspacechange command, a non-numeric IPC key was specified.

Action Re-enter the qspacechange command using a numeric value for the IPC key used to create the queue space shared memory and semaphores.

See Also qmadmin(1)

1512 ERROR: Transaction count must be numeric

Description While executing the qspacechange command, a non-numeric transaction count was specified.

Action Re-enter the qspacechange command using a numeric value for the maximum number of concurrent transactions in the queue space.

See Also qmadmin(1)

1514 ERROR: Process count must be numeric

Description While executing the qspacechange command, a non-numeric process count was specified.

Action Re-enter the qspacechange command using a numeric value for the maximum number of concurrent processes accessing the queue space.

See Also qmadmin(1)

1516 ERROR: Message count must be numeric

Description While executing the qspacechange command, a non-numeric message count was specified.

Action Re-enter the qspacechange command using a numeric value for the maximum number of messages concurrently stored in the queue space.

See Also qmadmin(1)

1518 ERROR: Error queue name length must be less than <i>len</i> characters	
Description	While executing the qspacechange command, the error queue name was too long (that is, <i>len</i> characters or more).
Action	Re-enter the command with an error queue name that is 15 characters or less in length.
See Also	qmadmin(1)
1521 ERROR: Blocking factor must be numeric	
Description	While executing the qspacechange command, a non-numeric blocking factor was specified.
Action	Re-enter the qspacechange command using a numeric blocking factor.
See Also	qmadmin(1)
1522 ERROR: Queue space change failed	
Description	While executing the qspacechange command, qmadmin failed to change the specified queue space parameters. There are many possible reasons for the failure and the specific reason is written to the standard output or the userlog.
Action	Re-enter the command when the problem has been resolved.
See Also	qmadmin(1)
1525 ERROR: List queue space - invalid parameter	
Description	While executing the qspacelist command, an invalid parameter was specified. The following are invalid: the device is not specified; the queue space name is not specified or is greater than 15 characters in length.
Action	Re-enter the command with the correct parameters.
See Also	qmadmin(1)

1526	ERROR: Queue space change - invalid parameter
Description	While executing the qspacechange command, an invalid parameter was specified. The following are invalid: the IPC key is less than or equal to 0; the number of queues, transactions, processes, or messages is less than or equal to 0; the configuration device is not specified; or the queue space name is not specified or is greater than 15 characters in length. or the extent size is less than or equal to 0.
Action	Re-enter the command with the correct parameters.
See Also	qmadmin(1)

1527	ERROR: Queue space change - cannot lock queue space <i>queue_space_name</i>
Description	While executing the qspacechange command, qmadmin failed to lock the QMCONFIG device for exclusive update.
Action	Check the userlog for further information about the process that has the configuration locked. Re-enter the command after the configuration has been unlocked.
See Also	qmadmin(1)

1528	ERROR: Queue space create - Memory allocation failure
Description	An attempt to dynamically allocate memory from the operating system using malloc () failed while allocating a buffer based on the specified blocking factor.
Action	Ensure that the operating system parameters are set correctly for the amount of memory on the machine and the amount of memory that can be used by a process. Reduce the memory usage on the machine or increase the amount of physical memory on the machine. Reduce the blocking factor specified when creating the queue space.
See Also	qmadmin(1)

1529 ERROR: Add extent - Memory allocation failure	
Description	An attempt to dynamically allocate memory from the operating system using malloc () failed while allocating a buffer based on the specified blocking factor.
Action	Ensure that the operating system parameters are set correctly for the amount of memory on the machine and the amount of memory that can be used by a process. Reduce the memory usage on the machine or increase the amount of physical memory on the machine. Reduce the blocking factor specified when changing the queue space.
See Also	qmadmin(1)
1563 ERROR: QMCONFIG must be an absolute pathname	
Description	The value of QMCONFIG, the device containing the queue space, as specified on the qmadmin command line or in the shell environment is not an absolute pathname, meaning it does not begin with a /.
Action	Specify a full pathname for the QMCONFIG environment variable or qmadmin command line argument.
See Also	qmadmin(1)
1564 ERROR: Device name must be an absolute pathname	
Description	While executing the crdl command, the device name specified is not an absolute pathname, meaning it does not begin with a /.
Action	Re-enter the command with an absolute pathname for the device name.
See Also	qmadmin(1)
1565 ERROR: Device name must be an absolute pathname	
Description	While executing the chdl command, the device name specified is not an absolute pathname, meaning it does not begin with a /.
Action	Re-enter the command with an absolute pathname for the device name.
See Also	qmadmin(1)

1566 ERROR: Must specify queue space name

Description While executing the ipcrm command, the queue space name specified is the null string (that is, the name was entered on the command line as "", or return was entered for the prompt for the Queue Space Name).

Action Re-enter the ipcrm command with the correct queue space name.

See Also qmadmin(1)

1567 ERROR: Queue space name length must be less than *len* characters

Description While executing the ipcrm command, the queue space name was too long (that is, *len* characters or more).

Action Re-enter the command with a queue space name that is 15 characters or less in length.

See Also qmadmin(1)

1568 ERROR: Must specify queue space name

Description While executing the ipcs command, the queue space name specified is the null string (that is, the name was entered on the command line as "", or return was entered for the prompt for the Queue Space Name).

Action Re-enter the ipcs command with the correct queue space name.

See Also qmadmin(1)

1569 ERROR: Queue space name length must be less than *len* characters

Description While executing the ipcs command, the queue space name was too long (that is, *len* characters or more).

Action Re-enter the command with a queue space name that is 15 characters or less in length.

See Also qmadmin(1)

1570 ERROR: Must specify queue space name	
Description	While executing the qopen command, the queue space name specified is the null string (that is, the name was entered on the command line as "", or return was entered for the prompt for the Queue Space Name).
Action	Re-enter the qopen command with the correct queue space name.
See Also	qmadmin(1)
1571 ERROR: Queue space name length must be less than <i>len</i> characters	
Description	While executing the qopen command, the queue space name was too long (that is, <i>len</i> characters or more).
Action	Re-enter the command with a queue space name that is 15 characters or less in length.
See Also	qmadmin(1)
1572 ERROR: Must specify queue space name	
Description	While executing the qspacedestroy command, the queue space name specified is the null string (that is, the name was entered on the command line as "", or return was entered for the prompt for the Queue Space Name).
Action	Re-enter the qspacedestroy command with the correct queue space name.
See Also	qmadmin(1)
1573 ERROR: Queue space name length must be less than <i>len</i> characters	
Description	While executing the qspacedestroy command, the queue space name was too long (that is, <i>len</i> characters or more).
Action	Re-enter the command with a queue space name that is 15 characters or less in length.
See Also	qmadmin(1)

1574	ERROR: Invalid queue name
Description	While executing the qset command, an invalid queue name was specified.
Action	Use the qinfo command to get a list of the existing queue names. Re-execute the command with a valid queue name.
See Also	qmadmin(1)

1575	ERROR: <i>command</i> - cannot change value that is not part of the queue ordering.
Description	If <i>command</i> is qchangeprio, then the command was executed on a queue without the “priority” sort criteria. If <i>command</i> is qchangetime, then the command was executed on a queue without the “time” sort criteria.
Action	Re-execute the command on a queue with the proper sort criteria.
See Also	qmadmin(1)

1577	ERROR: xa_open() - failed to get enough semaphores
Description	When opening (warm starting) a queue space, there were not enough system semaphores available.
Action	The qsize command can be used to compute the number of semaphores needed. Either shut down other applications that are using semaphores, or increase the operating system semaphore parameters.
See Also	qmadmin(1)

1578	ERROR: Destroy queue - queue messages involved in one or more transactions
Description	The qdestroy, command was executed while transactions are outstanding for messages on that queue (either being enqueued or dequeued).
Action	Re-execute the command again. It may be necessary to shut down any processes accessing the queue space.
See Also	qmadmin(1)

1579	INFO: Queue list - no messages queue <i>name</i>
Description	While executing the qlist command for queue <i>name</i> , no messages were found on the queue.
Action	No action required.
See Also	qmadmin(1)
1580	ERROR: Queue space change - ipckey is already used -- choose another one or check existing semaphores
Description	While executing the qspacechange command, an IPC key was specified for which a semaphore already exists. This probably means that another application is using the IPC key.
Action	Choose another IPC key and re-execute the command.
See Also	qmadmin(1)
1582	ERROR: Change queue - invalid parameter
Description	While executing the qchange command, an invalid parameter was specified. The following are invalid: an invalid out-of-order value; retries or delay time less than 0; the queue space name is not specified or greater than 15 characters in length; the upper threshold less than or equal to 0 or less than the lower threshold value; or an invalid threshold type or a threshold type of '%' with a upper threshold value greater than 100.
Action	Re-enter the command with the correct parameters.
See Also	qmadmin(1)
1585	ERROR: Queue change failed for queue <i>name</i>
Description	While executing the qchange command, qmadmin failed to change the specified queue. There are many possible reasons for the failure and the specific reason is written to the standard output or the userlog.
Action	Re-enter the command when the problem has been resolved.
See Also	qmadmin(1)

6 LIBQM Messages

1600-1699

1600	ERROR: Memory allocation failure
Description	An attempt to dynamically allocate memory from the operating system using malloc () failed in TMQFORWARD while parsing and storing the command line queue names. The server will not boot.
Action	Ensure that the operating system parameters are set correctly for the amount of memory on the machine and the amount of memory that can be used by a process. Reduce the memory usage on the machine or increase the amount of physical memory on the machine.
See Also	TMQFORWARD(5)
1601	ERROR: realloc() failed
Description	An attempt to dynamically re-allocate memory from the operating system using realloc () failed in TMQFORWARD while parsing and storing the command line queue names. The server will not boot.
Action	Ensure that the operating system parameters are set correctly for the amount of memory on the machine and the amount of memory that can be used by a process. Reduce the memory usage on the machine or increase the amount of physical memory on the machine.
See Also	TMQFORWARD(5)

1602	WARN: -t option ignored as argument must be numeric
Description	The argument for the -t option on the command line for TMQFORWARD is non-numeric and is ignored. The default transaction time value will be used.
Action	Change the server command line options, CLOPT, for the TMQFORWARD server such that the argument for the -t option is a numeric value indicating the number of seconds before transaction timeout occurs.
See Also	TMQFORWARD(5), tmconfig(1), ubbconfig(5)
1603	WARN: -t option ignored as argument is too large
Description	The numeric argument for the -t option on the command line for TMQFORWARD is too large and is ignored. The default transaction time value will be used.
Action	Change the server command line options, CLOPT, for the TMQFORWARD server such that the argument for the -t option is a numeric value less than 2147483648 indicating the number of seconds before transaction timeout occurs.
See Also	TMQFORWARD(5), tmconfig(1), ubbconfig(5)
1604	WARN: -i option ignored as argument must be numeric
Description	The argument for the -i option on the command line for TMQFORWARD is non-numeric and is ignored. The default idle time value, 30 seconds, will be used.
Action	Change the server command line options, CLOPT, for the TMQFORWARD server such that the argument for the -i option is a numeric value indicating the number of seconds that the server is idle after finding no messages on the queues before it reads the queues again.
See Also	TMQFORWARD(5), tmconfig(1), ubbconfig(5)

1605 WARN: -i option ignored as argument is too large

Description The numeric argument for the -i option on the command line for TMQFORWARD is too large and is ignored. The default idle time value, 30 seconds, will be used.

Action Change the server command line options, CLOPT, for the TMQFORWARD server such that the argument for the -i option is a numeric value less than 2147483648 indicating the number of seconds that the server is idle after finding no messages on the queues before it reads the queues again.

See Also TMQFORWARD(5), tmconfig(1), ubbconfig(5)

1606 WARN: Invalid command line argument '*opt*' ignored

Description An invalid option, *opt*, was specified on the command line for TMQFORWARD.

Action Change the server command line options, CLOPT, for the TMQFORWARD server to remove the invalid command line option. Check the manual page for valid options.

See Also TMQFORWARD(5), tmconfig(1), ubbconfig(5)

1607 ERROR: -q option not specified

Description The -q option is a required option for the TMQFORWARD and was not specified in the command line options. The server will not boot.

Action Change the server command line options, CLOPT, for the TMQFORWARD server to include the -q option with a list of one or more queues for which the server will forward queued messages.

See Also TMQFORWARD(5), tmconfig(1), ubbconfig(5)

1608 ERROR: TMSNAME must be TMS_QM

Description The application is configured such that the TMQFORWARD server is in a group in the GROUPS section that does not have the TMSNAME set to TMS_QM. The server will not boot.

Action Change the TUXCONFIG file to have the TMSNAME set to TMS_QM and reboot the TMQFORWARD server.

See Also TMQFORWARD(5), tmconfig(1), ubbconfig(5)

1609 WARN: [Unable to verify that TMSNAME begins with TMS_QM]	
Description	The TMQFORWARD server was unable to verify that the TMSNAME for the group in the GROUPS section associated with TMQFORWARD is set to TMS_QM (that is, it was unable to find the corresponding GROUPS entry).
Action	Contact your BEA TUXEDO system Technical Support.
See Also	TMQFORWARD(5)
1610 ERROR: Must not have a reply queue configured	
Description	The application is configured such that the TMQFORWARD server has a reply queue. The server will not boot.
Action	Change the TUXCONFIG file such that the TMQFORWARD server does not have a reply queue (that is, REPLYQ=N).
See Also	TMQFORWARD(5), tmconfig(1), ubbconfig(5)
1611 ERROR: Must not be configured as part of an MSSQ	
Description	The application is configured such that the TMQFORWARD server is part of an multiple-server-single-queue, MSSQ, set. The server will not boot.
Action	Change the TUXCONFIG file such that the TMQFORWARD server is not part of an MSSQ set (that is, don't specify a RQADDR).
See Also	TMQFORWARD(5), tmconfig(1), ubbconfig(5)
1612 ERROR: Must not advertise services	
Description	The application is configured such that the TMQFORWARD server advertised services as part of booting. The server will not boot.
Action	Change the TUXCONFIG file such that the CLOPT for the TMQFORWARD server does not include the -s option. If a custom version of TMQFORWARD is built using buildserver, don't specify the -s option.
See Also	TMQFORWARD(5), buildserver(1), tmconfig(1), ubbconfig(5)

1613	ERROR: tpopen() failed, tperrno = <i>tperrno</i>
Description	While initializing the TMQFORWARD server, tpopen () returned an error. The server will not boot.
Action	Use the returned <i>tperrno</i> and check the userlog to determine what the error was. Resolve the problem and re-boot the server.
See Also	TMQFORWARD(5)

1614	ERROR: Queue <i>name</i> not found
Description	One of the queue names, <i>name</i> , specified as an argument to the -q option of the TMQFORWARD server is not valid for the associated queue space. The server will not boot.
Action	Use the qinfo command of qmadmin to get a list of valid queues for the queue space. Change the TUXCONFIG file such that the CLOPT for the TMQFORWARD server has a valid list of queue names for the -q option and re-boot the server.
See Also	TMQFORWARD(5), tmconfig(1), ubbconfig(5)

1615	WARN: Dropping message received
Description	An application message was received by the TMQFORWARD server. Since the TMQFORWARD server is not set up to handle application messages directly, the message was dropped. (The TMQFORWARD server cannot be booted if it advertises services but there is no mechanism to keep an administrator from dynamically advertizing services for the server from tmadmin).
Action	Unadvertise any services that were accidentally advertised for the TMQFORWARD server.
See Also	TMQFORWARD(5), tmadmin(1)

1616 ERROR: Failed to start a transaction <i>count</i> times; exiting	
Description	The TMQFORWARD server has failed to start a transaction via <i>tpbegin count</i> times. The server will exit (assuming that there something is wrong).
Action	If the TMQFORWARD server is set to restart, then the server will be restarted automatically. Check for other userlog messages that may indicate the problem.
See Also	TMQFORWARD(5)
1617 INFO: no messages on queues - shutting down	
Description	The TMQFORWARD server tried to dequeue a message from each of the queues named in the <i>-q</i> command line option and found no messages on any queue. The <i>-e</i> command line option was specified and the server is shutting down gracefully.
Action	No action required.
See Also	TMQFORWARD(5)
1618 ERROR: <i>tpalloc()</i> failed - server exiting	
Description	An attempt to dynamically allocate a typed buffer using <i>tpalloc()</i> failed in TMQFORWARD. The failure will cause the server to exit.
Action	Ensure that the operating system parameters are set correctly for the amount of memory on the machine and the amount of memory that can be used by a process. Reduce the memory usage on the machine or increase the amount of physical memory on the machine. The server will restart automatically if it is configured as restartable.
See Also	TMQFORWARD(5)

1619 ERROR: tprealloc() failed - server exiting

Description An attempt to dynamically re-allocate a typed buffer using tprealloc() failed in TMQFORWARD. The failure will cause the server to exit.

Action Ensure that the operating system parameters are set correctly for the amount of memory on the machine and the amount of memory that can be used by a process. Reduce the memory usage on the machine or increase the amount of physical memory on the machine. The server will restart automatically if it is configured as restartable.

See Also TMQFORWARD(5)

1620 ERROR: _tpalloc() failed - server exiting

Description An attempt to dynamically allocate space using _tpalloc () failed in TMQFORWARD. The failure will cause the server to exit.

Action Ensure that the operating system parameters are set correctly for the amount of memory on the machine and the amount of memory that can be used by a process. Reduce the memory usage on the machine or increase the amount of physical memory on the machine. The server will restart automatically if it is configured as restartable.

See Also TMQFORWARD(5)

1621 WARN: Unable to dequeue message for deleting, diagnostic *diagnostic*

Description A message was dequeued and forwarded to the associated service. The server returned failure and an application message. The -d option was specified on the TMQFORWARD server command line but TMQFORWARD was unable to delete the queued message from the queue. The associated diagnostic, *diagnostic*, is printed as part of the message.

Action Determine what caused the dequeuing to fail. Most likely, the message reached the retry limit and was moved to the error queue; in this case, the diagnostic would be QMENOMSG. In the worst case, the message will not be deleted from the queue and will be executed again.

See Also TMQFORWARD(5), tpdequeue(3c)

1622 WARN: Unable to enqueue failure message, diagnostic *diagnostic*

Description A message was dequeued and forwarded to the associated service. The server returned failure and an application message. The -d option was specified on the TMQFORWARD server command line but TMQFORWARD was unable to enqueue the reply message on the failure queue. The associated diagnostic, *diagnostic*, is printed as part of the message.

Action Determine what caused the enqueueing to fail based on the *diagnostic* and by looking for other messages in the userlog and take actions (based on the associated system message manual for the printed messages) to ensure that it doesn't happen again. In this case, the reply message is lost.

See Also TMQFORWARD(5), tpenqueue(3c)

1623 WARN: Failed to dequeue message and queue failure message, tperrno = *tperrno*

Description A message was dequeued and forwarded to the associated service. The server returned failure and an application message. The -d option was specified on the TMQFORWARD server command line but TMQFORWARD was unable to commit the transaction in which the original message was dequeued and the reply message was enqueued on the failure queue.

Action Determine what caused the transaction to fail by looking for other messages in the userlog and take actions (based on the associated system message manual for the printed messages) to ensure that it doesn't happen again. In this case, the reply message is lost.

See Also TMQFORWARD(5), tpccommit(3c)

1624 WARN: Failed to start transaction to handle service failure, tperrno = *tperrno*

Description A message was dequeued and forwarded to the associated service. The server returned failure and an application message. The -d option was specified on the TMQFORWARD server command line but TMQFORWARD was unable to start a transaction in which the original message is dequeued and the reply message is enqueued on the failure queue.

Action Determine what caused the transaction start, tpbegin , to fail by looking for other messages in the userlog and take actions (based on the associated system message manual for the printed messages) to ensure that it doesn't happen again. In this case, the reply message is lost.

See Also TMQFORWARD(5), tpbegin(3c)

1625 WARN: -t option ignored as argument must be numeric

Description The argument for the -t option on the command line for TMQUEUE is non-numeric and is ignored. The default transaction time value will be used.

Action Change the server command line options, CLOPT , for the TMQUEUE server such that the argument for the -t option is a numeric value indicating the number of seconds before transaction timeout occurs.

See Also TMQUEUE(5), tmconfig(1), ubbconfig(5)

1626 WARN: -t option ignored as argument is too large

Description The numeric argument for the -t option on the command line for TMQUEUE is too large and is ignored. The default transaction time value will be used.

Action Change the server command line options, CLOPT , for the TMQUEUE server such that the argument for the -t option is a numeric value less than 2147483648 indicating the number of seconds before transaction timeout occurs.

See Also TMQUEUE(5), tmconfig(1), ubbconfig(5)

1627 WARN: Invalid command line option '<i>opt</i>' ignored	
Description	An invalid option, <i>opt</i> , was specified on the command line for TMQFORWARD and ignored.
Action	Change the server command line options, CLOPT , for the TMQFORWARD server to remove the invalid command line option. Check the manual page for valid options.
See Also	TMQUEUE(5), tmconfig(1), ubbconfig(5)
1628 ERROR: TMSNAME must begin with TMS_QM	
Description	The application is configured such that the TMQUEUE server is in a group in the GROUPS section that does not have the TMSNAME set to TMS_QM.
Action	Change the TUXCONFIG file to have the TMSNAME set to and reboot the TMQUEUE server.
See Also	TMQUEUE(5), tmconfig(1), ubbconfig(5)
1629 WARN: [Unable to verify that TMSNAME begins with TMS_QM]	
Description	The TMQUEUE server was unable to verify that the TMSNAME for the group in the GROUPS section associated with TMQUEUE is set to TMS_QM (that is, it was unable to find the corresponding GROUPS entry).
Action	Contact your BEA TUXEDO system Technical Support.
See Also	TMQUEUE(5)
1630 ERROR: tpopen() failed, tperrno = <i>tperrno</i>	
Description	While initializing the TMQUEUE server, tpopen () returned an error.
Action	Use the returned <i>tperrno</i> and check the userlog to determine what the error was. When the problem has been resolved, re-boot the server.
See Also	TMQUEUE(5)

1631	WARN: TMQUEUE received the wrong buffer type - <i>type</i>
Description	The TMQUEUE server received a message from an application program that was sent via tpcall or tpconnect instead of tpenqueue or tpdequeue. A failure message is returned to the originator.
Action	Re-write the application software or re-configuration the TUXCONFIG file so that messages are sent to the correct services using the correct primitives.
See Also	TMQUEUE(5), tpcall(3c), tpconnect(3c), tpdequeue(3c), tpenqueue(3c)
1632	WARN: [TMQUEUE received a buffer for other than ENQUEUE or DEQUEUE, opcode <i>opcode</i>]
Description	The TMQUEUE server received a message with an invalid operation code, <i>opcode</i> .
Action	Contact your BEA TUXEDO system Technical Support.
See Also	TMQUEUE(5)
1633	ERROR: [Failed to get field <i>fieldname</i> from operation message]
Description	The TMQUEUE server could not get the specified field, <i>fieldname</i> , while performing the operation. The <i>operation</i> can be “tpenqueue” or “tpdequeue”, and the <i>fieldname</i> can be “FLAGS”, “QNAME”, “CORRID”, “FAILUREQ”, “MSGID”, “PRIORITY”, “REPLYQ”, or “TIME”.
Action	The operation will fail. Contact your BEA TUXEDO system Technical Support.
See Also	qmadmin(1)

1634	WARN: [Failed to set field <i>fieldname</i> in operation message]
Description	The TMQUEUE server could not set the specified field, <i>fieldname</i> , in the reply message while performing the operation. The <i>operation</i> can be “tpenqueue” or “tpdequeue”, and the <i>fieldname</i> can be “DIAGNOSTIC”, “FLAGS”, “CORRID”, “FAILUREQ”, “MSGID”, “PRIORITY”, or “REPLYQ”.
Action	The operation will succeed but the associated information will not be passed back to the application from the tpenqueue or tpdequeue call. Contact your BEA TUXEDO system Technical Support.
See Also	TMQUEUE(5), tpdequeue(3c), tpenqueue(3c)
1635	ERROR: tranop failed during operation, tperrno = <i>tperrno</i>
Description	The TMQUEUE server received a request that was not in transaction mode and was unable to begin or commit a transaction. The <i>tranop</i> is either “tpbegin” or “tpcommit” and <i>operation</i> is either “tpenqueue” or “tpdequeue”.
Action	The tpenqueue or tpdequeue operation will fail. Use the returned <i>tperrno</i> and check the userlog to determine what the error was.
See Also	TMQUEUE(5), tpdequeue(3c), tpenqueue(3c)
1636	ERROR: tprealloc() failed - server exiting
Description	An attempt to dynamically re-allocate a typed buffer using tprealloc () failed in TMQUEUE. The failure will cause the server to exit.
Action	Ensure that the operating system parameters are set correctly for the amount of memory on the machine and the amount of memory that can be used by a process. Reduce the memory usage on the machine or increase the amount of physical memory on the machine. The server will restart automatically if it is configured as restartable.
See Also	TMQUEUE(5)

1637 ERROR: TMQUEUE cannot be a conversational server

Description The application is configured such that the TMQUEUE server is a conversational server (that is, its entry in the configuration has “CONV=Y”).

Action Change the TUXCONFIG file to configure TMQUEUE as a request/response server (without CONV=Y) and reboot the TMQUEUE server.

See Also TMQUEUE(5), tmconfig(1), ubbconfig(5)

1638 ERROR: Unable to re-enqueue message

Description The TMQFORWARD server was run with the -n option which indicates that the forwarding is not being run within a transaction. In this case, the message was deleted from the queue, the associated service was called, the call failed, and the message cannot be put back on the queue.

Action If the application cannot afford to lose messages, don't use the -n option on TMQFORWARD (atomicity can only be guaranteed within transactions).

See Also TMQFORWARD(5)

1639 ERROR: TA_MAXPAGES can only be increased

Description An /Admin API request attempted to change the number of pages allocated to a queue space by specifying that the number be decreased or remain the same. This is an invalid request; the number of pages can only be increased.

Action To decrease the number of pages allocated to a queue space, the queue space must be deleted and then recreated with the desired number of pages. These operations will also delete all messages in the queue space unless the messages are first dequeued and then enqueued to another queue space.

See Also APPQ_MIB(5)

1640 ERROR: Cannot update TA_MAXQUEUES after queue space is created	
Description	An /Admin API request specified a change to the maximum number of queues in a queue space. This is an invalid request; the maximum number of queues cannot be changed after the queue space is created.
Action	To change the maximum number of queues in a queue space, the queue space must first be deleted and then recreated with the desired maximum number of queues. These operations will also delete all messages in the queue space unless the messages are dequeued and then enqueued to another queue space.
See Also	APPQ_MIB(5)
1642 ERROR: /Q error processing /Admin service request	
Description	An error occurred during the processing of an /Admin API request. The cause of the error is recorded in the userlog on the machine where the queue space is located.
Action	Examine the userlog for more information.
See Also	APPQ_MIB(5)
1643 ERROR: Invalid attribute value on SET request	
Description	The value specified on a SET request for the attribute indicated by the TA_BADFLD attribute in the reply buffer is invalid. Valid values for writable attributes are specified on the APPQ_MIB manual page for the appropriate class.
Action	Correct the attribute value in question to a valid value.
See Also	APPQ_MIB(5)
1644 ERROR: Device specified in TA_QMCONFIG does not exist	
Description	The /Admin API request to create a new queue space failed because the device where the queue space is to be located does not exist.
Action	Create the device, then resubmit the request to create the queue space. The device can be created via the /Admin API (using SET NEW to create an object of the T_DEVICE class), or via the crdl command of qmadmin or tmadmin.
See Also	qmadmin(1), tmadmin(1), APPQ_MIB(5), TM_MIB(5)

1645	ERROR: Cannot update TA_APPQORDER after queue is created
Description	An /Admonish request attempted to change the order in which messages in the queue are to be processed. This is an invalid request; the order cannot be changed after the queue is created.
Action	To change the message processing order of a queue, the queue must be deleted and then recreated with the desired order. These operations will also delete all messages in the queue unless the messages are first moved to another queue.
See Also	APPQ_MIB(5)
1646	ERROR: Unable to determine license level
Description	An error occurred while retrieving the current license attributes.
Action	Contact your BEA TUXEDO system Technical Support.
1647	ERROR: No license for /Q
Description	You do not have a license to use /Q.
Action	Purchase a license for /Q. If you believe that you own and have installed the license for /Q, contact your BEA TUXEDO system Technical Support.
1648	ERROR: Unable to determine license level
Description	An error occurred while retrieving the current license attributes.
Action	Contact your BEA TUXEDO system Technical Support.
1649	ERROR: No license for /Q
Description	You do not have a license to use /Q.
Action	Purchase a license for /Q. If you believe that you own and have installed the license for /Q, contact your BEA TUXEDO system Technical Support.
1650	ERROR: Unable to determine license level
Description	An error occurred while retrieving the current license attributes.
Action	Contact your BEA TUXEDO system Technical Support.

1651 ERROR: No license for /Q

Description	You do not have a license to use /Q.
--------------------	--------------------------------------

Action	Purchase a license for /Q. If you believe that you own and have installed the license for /Q, contact your BEA TUXEDO system Technical Support.
---------------	---
