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## **Red Hat Enterprise Linux Release 9.2 Manual Pages on 'mq\_close.3' command**

**\$ man mq\_close.3**

MQ\_CLOSE(3)           Linux Programmer's Manual           MQ\_CLOSE(3)

### NAME

mq\_close - close a message queue descriptor

### SYNOPSIS

```
#include <mqueue.h>
```

```
int mq_close(mqd_t mqdes);
```

Link with -lrt.

### DESCRIPTION

mq\_close() closes the message queue descriptor mqdes.

If the calling process has attached a notification request (see (mq\_notify(3)) to this message queue via mqdes, then this request is removed, and another process can now attach a notification request.

### RETURN VALUE

On success mq\_close() returns 0; on error, -1 is returned, with errno set to indicate the error.

### ERRORS

EBADF The message queue descriptor specified in mqdes is invalid.

### ATTRIBUTES

For an explanation of the terms used in this section, see attributes(7).

??

?Interface ? Attribute ? Value ?

??

?mq\_close() ? Thread safety ? MT-Safe ?

??

## CONFORMING TO

POSIX.1-2001, POSIX.1-2008.

## NOTES

All open message queues are automatically closed on process termination, or upon `execve(2)`.

## SEE ALSO

`mq_getattr(3)`, `mq_notify(3)`, `mq_open(3)`, `mq_receive(3)`, `mq_send(3)`,  
`mq_unlink(3)`, `mq_overview(7)`

## COLOPHON

This page is part of release 5.10 of the Linux man-pages project. A description of the project, information about reporting bugs, and the latest version of this page, can be found at <https://www.kernel.org/doc/man-pages/>.

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