

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
<code>mq_close()</code>	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

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