

NAME

`mq_close` - close a message queue descriptor

SYNOPSIS

```
#include <mqqueue.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 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 descriptor specified in `mqdes` is invalid.

ATTRIBUTES

Multithreading (see `pthread(7)`)

The `mq_close()` function is thread-safe.

CONFORMING TO

POSIX.1-2001.

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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