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Red Hat Enterprise Linux Release 9.2 Manual Pages on 'mq_close.3p' command

\$ man mq_close.3p

MQ_CLOSE(3P) POSIX Programmer's Manual MQ_CLOSE(3P)

PROLOG

This manual page is part of the POSIX Programmer's Manual. The Linux implementation of this interface may differ (consult the corresponding Linux manual page for details of Linux behavior), or the interface may not be implemented on Linux.

NAME

mq_close ? close a message queue (REALTIME)

SYNOPSIS

```
#include <mqueue.h>

int mq_close(mqd_t mqdes);
```

DESCRIPTION

The mq_close() function shall remove the association between the message queue descriptor, mqdes, and its message queue. The results of using this message queue descriptor after successful return from this mq_close(), and until the return of this message queue descriptor from a subsequent mq_open(), are undefined.

If the process has successfully attached a notification request to the message queue via this mqdes, this attachment shall be removed, and the message queue is available for another process to attach for notification.

RETURN VALUE

Upon successful completion, the mq_close() function shall return a

value of zero; otherwise, the function shall return a value of -1 and set `errno` to indicate the error.

ERRORS

The `mq_close()` function shall fail if:

EBADF The `mqdes` argument is not a valid message queue descriptor.

The following sections are informative.

EXAMPLES

None.

APPLICATION USAGE

None.

RATIONALE

None.

FUTURE DIRECTIONS

None.

SEE ALSO

`mq_open()`, `mq_unlink()`, `msgctl()`, `msgget()`, `msgrcv()`, `msgsnd()`

The Base Definitions volume of POSIX.1-2017, `<mqqueue.h>`

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