

**NAME**

mq\_unlink – remove a message queue

**LIBRARY**

Real-time library (*librt*, *-lrt*)

**SYNOPSIS**

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

```
int mq_unlink(const char *name);
```

**DESCRIPTION**

**mq\_unlink()** removes the specified message queue *name*. The message queue name is removed immediately. The queue itself is destroyed once any other processes that have the queue open close their descriptors referring to the queue.

**RETURN VALUE**

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

**ERRORS****EACCES**

The caller does not have permission to unlink this message queue.

**ENAMETOOLONG**

*name* was too long.

**ENOENT**

There is no message queue with the given *name*.

**ATTRIBUTES**

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

| Interface          | Attribute     | Value   |
|--------------------|---------------|---------|
| <b>mq_unlink()</b> | Thread safety | MT-Safe |

**STANDARDS**

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

**SEE ALSO**

**mq\_close(3)**, **mq\_getattr(3)**, **mq\_notify(3)**, **mq\_open(3)**, **mq\_receive(3)**, **mq\_send(3)**, **mq\_overview(7)**