

1 Name

mq_copy - Command line interface to Linux, POSIX, message queues.

2 Description

Provides a command line interface, usable by scripting languages, to the Linux system of POSIX message queues.

The Linux system provides the POSIX message queues as a modified file descriptor. The default location is under the directory: */dev/mqueue*.

POSIX message queues have kernel persistence. If not removed by *unlink*, the queue will exist until the system is shut down. The action: "*unlink on close*" is a *mq_copy* command line option.

POSIX message queues allow processes to exchange data in the form of messages.

mq_copy supports line oriented, "C" string messages. That is, lines terminated by the new-line character.

mq_copy provides two basic functions: *copy_in* and *copy_out*.

- The *copy-in* function copies line oriented strings on *stdin* as messages to a specified queue.
- The *copy-out* function copies messages from the specified queue as line oriented strings to *stdout*.

3 Arguments