



Linux Ubuntu 26.04 Manual Pages on command 'ipcmk.1'

\$ man ipcmk.1

IPCMK(1)

User Commands

IPCMK(1)

NAME

ipcmk - make various IPC resources

SYNOPSIS

ipcmk [options]

DESCRIPTION

ipcmk allows you to create POSIX and System V inter-process communication (IPC) objects:
shared memory segments, message queues, and semaphore (arrays for System V).

OPTIONS

Resources can be specified with these options:

-M, --shmem size

Create a shared memory segment of size bytes. The size argument may be followed by the multiplicative suffixes KiB (=1024), MiB (=1024*1024), and so on for GiB, etc. (the "iB" is optional, e.g., "K" has the same meaning as "KiB") or the suffixes KB (=1000), MB (=1000*1000), and so on for GB, etc.

-m, --posix-shmem size

Create a POSIX shared memory segment of size bytes. The size argument may be followed by the multiplicative suffixes KiB (=1024), MiB (=1024*1024), and so on for GiB, etc. (the "iB" is optional, e.g., "K" has the same meaning as "KiB") or the suffixes KB (=1000), MB (=1000*1000), and so on for GB, etc.

-Q, --queue

Create a message queue.

-q, --posix-mqueue

Create a POSIX message queue.

-S, --semaphore number

Create a semaphore array with number of elements.

-s, --posix-semaphore

Create a POSIX named semaphore.

-n, --name name

Name of the POSIX IPC object. This option is mandatory for POSIX IPC objects.

Other options are:

-p, --mode mode

Access permissions for the resource. Default is 0644.

-h, --help

Display help text and exit.

-V, --version

Display version and exit.

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SEE ALSO

ipcrm(1), ipcs(1), lsipc(1), sysvipc(7)

REPORTING BUGS

For bug reports, use the issue tracker <<https://github.com/util-linux/util-linux/issues>>.

AVAILABILITY

The ipcmk command is part of the util-linux package which can be downloaded from Linux

Kernel Archive <<https://www.kernel.org/pub/linux/utils/util-linux/>>.

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IPCMK(1)