

NAME

ipcs – show information on IPC facilities

SYNOPSIS

ipcs [options]

DESCRIPTION

ipcs shows information on the inter-process communication facilities for which the calling process has read access. By default it shows information about all three resources: shared memory segments, message queues, and semaphore arrays.

OPTIONS

-i, --id *id*

Show full details on just the one resource element identified by *id*. This option needs to be combined with one of the three resource options: **-m**, **-q** or **-s**.

-h, --help

Display help text and exit.

-V, --version

Display version information and exit.

Resource options

-m, --shmems

Write information about active shared memory segments.

-q, --queues

Write information about active message queues.

-s, --semaphores

Write information about active semaphore sets.

-a, --all

Write information about all three resources (default).

Output formats

Of these options only one takes effect: the last one specified.

-c, --creator

Show creator and owner.

-l, --limits

Show resource limits.

-p, --pid

Show PIDs of creator and last operator.

-t, --time

Write time information. The time of the last control operation that changed the access permissions for all facilities, the time of the last **msgsnd(2)** and **msgrcv(2)** operations on message queues, the time of the last **shmat(2)** and **shmdt(2)** operations on shared memory, and the time of the last **semop(2)** operation on semaphores.

-u, --summary

Show status summary.

Representation

These affect only the **-l** (**--limits**) option.

-b, --bytes

Print sizes in bytes.

--human

Print sizes in human-readable format.

SEE ALSO

ipcmk(1), ipcrm(1), msgrcv(2), msgsnd(2), semget(2), semop(2), shmat(2), shmdt(2), shmget(2)

CONFORMING TO

The Linux `ipcs` utility is not fully compatible to the POSIX `ipcs` utility. The Linux version does not support the POSIX **-a**, **-b** and **-o** options, but does support the **-l** and **-u** options not defined by POSIX. A portable application shall not use the **-a**, **-b**, **-o**, **-l**, and **-u** options.

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AVAILABILITY

The `ipcs` command is part of the `util-linux` package and is available from Linux Kernel Archive <<https://www.kernel.org/pub/linux/utils/util-linux/>>.