

**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/>>.