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Rocky Enterprise Linux 9.2 Manual Pages on command 'ipcs.1'

\$ man ipcs.1

IPCS(1) User Commands IPCS(1)

NAME

ipcs - show information on IPC facilities

SYNOPSIS

ipcs [options]

DESCRIPTION

ipcs shows information on System V inter-process communication facilities. 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.

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.

NOTES

The current implementation of `ipcs` obtains information about available IPC resources by parsing the files in `/proc/sysvipc`. Before `util-linux` version v2.23, an alternate mechanism was used: the `IPC_STAT` command of `msgctl(2)`, `semctl(2)`, and `shmctl(2)`. This mechanism is also used in later `util-linux` versions in the case where `/proc` is unavailable. A limitation of the `IPC_STAT` mechanism is that it can only be used to retrieve information about IPC resources for which the user has read permission.

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SEE ALSO

`ipcmk(1)`, `ipcrm(1)`, `msgrcv(2)`, `msgsnd(2)`, `semget(2)`, `semop(2)`, `shmat(2)`, `shmdt(2)`, `shmget(2)`, `sysvipc(7)`

REPORTING BUGS

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

AVAILABILITY

The `ipcs` 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/>>.

util-linux 2.37.4

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