

NAME

lsipc – show information on IPC facilities currently employed in the system

SYNOPSIS

lsipc [options]

DESCRIPTION

lsipc shows information on the inter-process communication facilities for which the calling process has read access.

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**. It is possible to override the default output format for this option with the **--list**, **--raw**, **--json** or **--export** option.

-g, --global

Show system-wide usage and limits of IPC resources. This option may be combined with one of the three resource options: **-m**, **-q** or **-s**. The default is to show information about all resources.

-h, --help

Display help text and exit.

-V, --version

Display version information and exit.

Resource options

-m, --shmements

Write information about active shared memory segments.

-q, --queues

Write information about active message queues.

-s, --semaphores

Write information about active semaphore sets.

Output formatting

-c, --creator

Show creator and owner.

-e, --export

Output data in the format of NAME=VALUE.

-J, --json

Use the JSON output format.

-l, --list

Use the list output format. This is the default, except when **--id** is used.

-n, --newline

Display each piece of information on a separate line.

--noheadings

Do not print a header line.

--nottruncate

Don't truncate output.

-o, --output *list*

Specify which output columns to print. Use **--help** to get a list of all supported columns.

-b, --bytes

Print size in bytes rather than in human readable format.

-r, --raw

Raw output (no columnation).

-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 **msgrecv**(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.

--time-format *type*

Display dates in short, full or iso format. The default is short, this time format is designed to be space efficient and human readable.

-P, --numeric-perms

Print numeric permissions in PERMS column.

EXIT STATUS

- 0 if OK,
- 1 if incorrect arguments specified,
- 2 if a serious error occurs.

SEE ALSO

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

HISTORY

The **lsipc** utility is inspired by the **ipcs** utility.

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AVAILABILITY

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