



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

\$ man lsipc.1

LSIPC(1) User Commands LSIPC(1)

NAME

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

SYNOPSIS

lsipc [options]

DESCRIPTION

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

The default output, as well as the default output from options with predefined output columns (like --shmems, etc.), is subject to change. So whenever possible, you should avoid using default outputs in your scripts. Always explicitly define expected columns by using --output columns-list in environments where a stable output is required.

OPTIONS

-i, --id id

Show full details on just the one resource element (System V) 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.

-N, --name name

Show full details on just the one resource element (POSIX) identified by name. 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 and exit.

Resource options

-m, --shmems

Write information about active System V shared memory segments.

-M, --posix-shmems

Write information about active POSIX shared memory segments.

-q, --queues

Write information about active System V message queues.

-Q, --posix-mqueues

Write information about active POSIX message queues.

-s, --semaphores

Write information about active System V semaphore sets.

-S, --posix-semaphores

Write information about active POSIX named semaphores.

Output formatting

-c, --creator

Show creator and owner.

-e, --export

Produce output in the form of key="value" pairs. All potentially unsafe value characters are hex-escaped (\x<code>). See also option --shell.

-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.

--notruncate

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 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.

--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.

-y, --shell

The column name will be modified to contain only characters allowed for shell variable identifiers. This is usable, for example, with --export. Note that this feature has been automatically enabled for --export in version 2.37, but due to compatibility issues, now it's necessary to request this behavior by --shell.

EXIT STATUS

0

if OK,

1

if incorrect arguments specified,

2

if a serious error occurs.

HISTORY

The lsipc utility is inspired by the ipcs(1) utility.

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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 <<https://github.com/util-linux/util-linux/issues>>.

AVAILABILITY

The lsipc 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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