

NAME

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

SYNOPSIS

lsipc [options]

DESCRIPTION

lsipc shows information on the System V 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

Print version 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.

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.

AUTHORS

[Ondrej Oprala](mailto:ooprala@redhat.com) <ooprala@redhat.com>, [Karel Zak](mailto:kzak@redhat.com) <kzak@redhat.com>

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/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/) <<https://www.kernel.org/pub/linux/utils/util-linux/>>.