



## NAME

lsns – list namespaces

## SYNOPSIS

**lsns** [options] [*namespace*]

## DESCRIPTION

**lsns** lists information about all the currently accessible namespaces or about the given *namespace*. The *namespace* identifier is an inode number.

The default output is subject to change. So whenever possible, you should avoid using default outputs in your scripts. Always explicitly define expected columns by using the **--output** option together with a columns list in environments where a stable output is required.

**NSFS** column, printed when **net** is specified for **--type** option, is special; it uses multi-line cells. Use the option **--nowrap** is for switching to "," separated single-line representation.

Note that **lsns** reads information directly from the /proc filesystem and for non-root users it may return incomplete information. The current /proc filesystem may be unshared and affected by a PID namespace (see **unshare --mount--proc** for more details). **lsns** is not able to see persistent namespaces without processes where the namespace instance is held by a bind mount to */proc/pid/ns/type*.

## OPTIONS

**-J, --json**

Use JSON output format.

**-l, --list**

Use list output format.

**-n, --noheadings**

Do not print a header line.

**-o, --output list**

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

The default list of columns may be extended if *list* is specified in the format **+list (e.g. lsns -o +PATH)**.

**--output-all**

Output all available columns.

**-p, --task pid**

Display only the namespaces held by the process with this *pid*.

**-r, --raw**

Use the raw output format.

**-t, --type type**

Display the specified *type* of namespaces only. The supported types are **mnt**, **net**, **ipc**, **user**, **pid**, **uts** and **cgroup**. This option may be given more than once.

**-u, --nottruncate**

Do not truncate text in columns.

**-W, --nowrap**

Do not use multi-line text in columns.

**-V, --version**

Display version information and exit.

**-h, --help**

Display help text and exit.

## AUTHORS

Karel Zak <kzak@redhat.com>

## SEE ALSO

**nsenter(1)**, **unshare(1)**, **clone(2)**, **namespaces(7)**

## AVAILABILITY

The `lsns` command is part of the `util-linux` package and is available from <https://www.kernel.org/pub/linux/utils/util-linux/>.