



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

\$ man lsclocks.1

LSCLOCKS(1) User Commands LSCLOCKS(1)

NAME

lsclocks - display system clocks

SYNOPSIS

lsclocks [option]

DESCRIPTION

lsclocks is a simple command to display system clocks.

It allows to display information like current time and resolution of clocks like

CLOCK_MONOTONIC, CLOCK_REALTIME and CLOCK_BOOTTIME.

OPTIONS

-J, --json

Use JSON output format.

-n, --noheadings

Don't print headings.

-o, --output list

Specify which output columns to print. See the OUTPUT COLUMNS section for details of available columns.

--output-all

Output all columns.

-r, --raw

Use raw output format.

-r, --time clock

Show current time of one specific clock.

--no-discover-dynamic

Do not try to discover dynamic clocks.

-d, --dynamic-clock path

Also display specified dynamic clock. Can be specified multiple times.

--no-discover-rtc

Do not try to discover RTCs.

-x, --rtc path

Also display specified RTC. Can be specified multiple times.

-c, --cpu-clock pid

Also display CPU clock of specified process. Can be specified multiple times.

-h, --help

Display help text and exit.

-V, --version

Display version and exit.

OUTPUT COLUMNS

Each column has a type. Types are surrounded by < and >.

TYPE <string>

Clock type.

ID <number>

Numeric clock ID.

CLOCK <string>

Name in the form CLOCK_

NAME <string>

Shorter, easier to read name.

TIME <number>

Current clock timestamp as returned by clock_gettime().

ISO_TIME <string>

ISO8601 formatted version of TIME.

RESOL_RAW <number>

Clock resolution as returned by clock_getres(2).

RESOL <number>

Human readable version of RESOL_RAW.

REL_TIME <string>

TIME time formatted as time range.

NS_OFFSET <number>

Offset of the current namespace to the parent namespace as read from
/proc/self/timens_offsets.

AUTHORS

Thomas Wei?schuh <thomas@t-8ch.de>

SEE ALSO

clock_getres(2) clock_gettime(2)

REPORTING BUGS

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

AVAILABILITY

The lsclocks 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 2.41.3

2025-12-15

LSCLOCKS(1)