



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

\$ man gtimeout.1

TIMEOUT(1) User Commands TIMEOUT(1)

NAME

timeout - run a command with a time limit

SYNOPSIS

timeout [OPTION] DURATION COMMAND [ARG]...

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DESCRIPTION

Start COMMAND, and kill it if still running after DURATION.

Mandatory arguments to long options are mandatory for short options too.

-f, --foreground

when not running timeout directly from a shell prompt, allow COMMAND to read from the TTY and get TTY signals; in this mode, children of COMMAND will not be timed out

-k, --kill-after=DURATION

also send a KILL signal if COMMAND is still running this long after the initial signal was sent

-p, --preserve-status

exit with the same status as COMMAND, even when the command times out

-s, --signal=SIGNAL

specify the signal to be sent on timeout; SIGNAL may be a name like 'HUP' or a number; see 'kill -l' for a list of signals

-v, --verbose

diagnose to stderr any signal sent upon timeout

--help display this help and exit

--version

output version information and exit

DURATION is a floating point number with an optional suffix: 's' for seconds (the default), 'm' for minutes, 'h' for hours or 'd' for days. A duration of 0 disables the associated timeout.

Upon timeout, send the TERM signal to COMMAND, if no other SIGNAL specified. The TERM signal kills any process that does not block or catch that signal. It may be necessary to use the KILL signal, since this signal can't be caught.

Exit status:

- 124 if COMMAND times out, and --preserve-status is not specified
- 125 if the timeout command itself fails
- 126 if COMMAND is found but cannot be invoked
- 127 if COMMAND cannot be found
- 137 if COMMAND (or timeout itself) is sent the KILL (9) signal (128+9)
- the exit status of COMMAND otherwise

BUGS

Some platforms don't currently support timeouts beyond the year 2038.

AUTHOR

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REPORTING BUGS

GNU coreutils online help: <<https://www.gnu.org/software/coreutils/>>

Report any translation bugs to <<https://translationproject.org/team/>>

SEE ALSO

kill(1)

Full documentation <<https://www.gnu.org/software/coreutils/timeout>>

or available locally via: info '(coreutils) timeout invocation'

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