NAME

systemd-inhibit − Execute a program with an inhibition lock taken

SYNOPSIS

systemd−inhibit [OPTIONS...] [COMMAND] [ARGUMENTS...]

systemd−inhibit [OPTIONS...] −−list

DESCRIPTION

systemd−inhibit may be used to execute a program with a shutdown, sleep, or idle inhibitor lock taken. The lock will be acquired before the specified command line is executed and released afterwards.

Inhibitor locks may be used to block or delay system sleep and shutdown requests from the user, as well as automatic idle handling of the OS. This is useful to avoid system suspends while an optical disc is being recorded, or similar operations that should not be interrupted.

For more information see the **Inhibitor Lock Developer Documentation**[1].

OPTIONS

The following options are understood:

−−what=
Takes a colon−separated list of one or more operations to inhibit: "shutdown", "sleep", "idle", "handle−power−key", "handle−suspend−key", "handle−hibernate−key", "handle−lid−switch", for inhibiting reboot/power−off/halt/kexec, suspending/hibernating, the automatic idle detection, or the low−level handling of the power/sleep key and the lid switch, respectively. If omitted, defaults to "idle:sleep:shutdown".

−−who=
Takes a short, human−readable descriptive string for the program taking the lock. If not passed, defaults to the command line string.

−−why=
Takes a short, human−readable descriptive string for the reason for taking the lock. Defaults to "Unknown reason".

−−mode=
Takes either "block" or "delay" and describes how the lock is applied. If "block" is used (the default), the lock prohibits any of the requested operations without time limit, and only privileged users may override it. If "delay" is used, the lock can only delay the requested operations for a limited time. If the time elapses, the lock is ignored and the operation executed. The time limit may be specified in **logind.conf**(5). Note that "delay" is only available for "sleep" and "shutdown".

−−list
Lists all active inhibition locks instead of acquiring one.

−−no−pager
Do not pipe output into a pager.

−−no−legend
Do not print the legend, i.e. column headers and the footer with hints.

−h, **−−help**
Print a short help text and exit.

−−version
Print a short version string and exit.

EXIT STATUS

Returns the exit status of the executed program.

EXAMPLE

systemd−inhibit wodim foobar.iso

This burns the ISO image foobar.iso on a CD using **wodim**(1), and inhibits system sleeping, shutdown and

idle while doing so.

ENVIRONMENT

$SYSTEMD_PAGER

Pager to use when **−−no−pager** is not given; overrides *$PAGER*. If neither *$SYSTEMD_PAGER* nor *$PAGER* are set, a set of well−known pager implementations are tried in turn, including **less**(1) and **more**(1), until one is found. If no pager implementation is discovered no pager is invoked. Setting this environment variable to an empty string or the value "cat" is equivalent to passing **−−no−pager**.

$SYSTEMD_LESS

Override the options passed to **less** (by default "FRSXMK").

If the value of *$SYSTEMD_LESS* does not include "K", and the pager that is invoked is **less**, Ctrl+C will be ignored by the executable. This allows **less** to handle Ctrl+C itself.

$SYSTEMD_LESSCHARSET

Override the charset passed to **less** (by default "utf−8", if the invoking terminal is determined to be UTF−8 compatible).

SEE ALSO

systemd(1), **logind.conf**(5)

NOTES

1. Inhibitor Lock Developer Documentation
   https://www.freedesktop.org/wiki/Software/systemd/inhibit