

NAME

cpufreq-set - A small tool which allows to modify cpufreq settings.

SYNTAX

cpufreq-set [*options*]

DESCRIPTION

cpufreq-set allows you to modify cpufreq settings without having to type e.g. `"/sys/devices/system/cpu/cpu0/cpufreq/scaling_set_speed"` all the time.

OPTIONS

- c --cpu** <CPU>
number of CPU where cpufreq settings shall be modified.
- d --min** <FREQ>
new minimum CPU frequency the governor may select.
- u --max** <FREQ>
new maximum CPU frequency the governor may select.
- g --governor** <GOV>
new cpufreq governor.
- f --freq** <FREQ>
specific frequency to be set. Requires userspace governor to be available and loaded.
- r --related**
modify all hardware-related CPUs at the same time
- h --help**
Prints out the help screen.

REMARKS

Omitting the `-c` or `--cpu` argument is equivalent to setting it to zero.

The `-f` `FREQ`, `--freq` `FREQ` parameter cannot be combined with any other parameter except the `-c` `CPU`, `--cpu` `CPU` parameter.

FREQuencies can be passed in Hz, kHz (default), MHz, GHz, or THz by postfixing the value with the wanted unit name, without any space (frequency in kHz = $\text{Hz} * 0.001$ = $\text{MHz} * 1000$ = $\text{GHz} * 1000000$).

On Linux kernels up to 2.6.29, the `-r` or `--related` parameter is ignored.

FILES

`/sys/devices/system/cpu/cpu*/cpufreq/`
`/proc/cpufreq` (deprecated)
`/proc/sys/cpu/` (deprecated)

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SEE ALSO

[cpufreq-info\(1\)](#), [cpufreq-aperf\(1\)](#)