

NAME

cpufreq-set – A small tool which allows a user 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 = ^ Hz * 0.001 = ^ MHz * 1000 = ^ 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)

AUTHORS

Dominik Brodowski <linux@brodo.de> – author
Mattia Dongili <malattia@gmail.com> – first autolibtoolization

SEE ALSO

cpufreq-info(1), cpufreq-aperf(1)