



Linux Ubuntu 26.04 Manual Pages on command 'cpupower-frequency-set.1'

\$ man cpupower-frequency-set.1

CPUPOWER-FREQUENCY-SET(1) cpupower Manual CPUPOWER-FREQUENCY-SET(1)

NAME

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

SYNTAX

cpupower [-c cpu] frequency-set [options]

DESCRIPTION

cpupower frequency-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

-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

REMARKS

By default values are applied on all cores. How to modify single core configurations is described in the cpupower(1) manpage in the --cpu option section.

The -f FREQ, --freq FREQ parameter cannot be combined with any other 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 $=^{\wedge}$ Hz * 0.001 $=^{\wedge}$ MHz * 1000 $=^{\wedge}$ 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

cpupower-frequency-info(1), cpupower(1)

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