Red Hat Enterprise Linux Release 9.2 Manual Pages on 'cpupower-frequency-set.1' command

$ 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/scal?

    ing_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 op?tion 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 =^ Hz * 0.001 =^ MHz * 1000 =^ GHz * 1000000).

On Linux kernels up to 2.6.29, the -r or --related parameter is ig?nored.

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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