GNU/Linux Administration - Support #657

CPU Scaling on Arch

09/09/2015 02:54 PM - Daniel Curtis

| Status: | Closed | Start date: | 09/09/2015 |
|-----------------|---------------|-----------------|------------|
| Priority: | Normal | Due date: | |
| Assignee: | Daniel Curtis | % Done: | 100% |
| Category: | Workstation | Estimated time: | 0.20 hour |
| Target version: | Arch Linux | Spent time: | 0.50 hour |

Description

Being able to scale up or down the CPU speed for my laptop is great for when I need to conserve battery life or get better performance out of my laptop when I need it. This is a short guide on using cpupower to control CPU scaling on Arch Linux.

Prepare the system

• Make sure the system is up to date:

```
sudo pacman -Syu
```

Install cpupower

• Install cpupower:

```
sudo pacman -S cpupower
```

• Start and enable the cpupower service at boot:

```
sudo systemctl enable cpupower.service
sudo systemctl start cpupower.service
```

• Show the current CPU information:

```
cpupower frequency-info
```

· Example output:

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• Change the CPU governor:

sudo cpupower frequency-set -g performance

• Speed up the CPU:

sudo cpupower frequency-set -f 2.00 GHz

Resources

• https://wiki.archlinux.org/index.php/CPU_frequency_scaling

History

#1 - 09/09/2015 09:04 PM - Daniel Curtis

- Description updated
- Status changed from New to Resolved

#2 - 09/11/2015 05:25 PM - Daniel Curtis

- Status changed from Resolved to Closed
- % Done changed from 0 to 100

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