

Setting the Hardware Clock

This tip shows you how to set the hardware clock on your Linux box with the command `hwclock`.

Setting the hardware clock is especially useful in case you have clock problems. If you experience a clock that is losing or gaining a lot of time each after a reboot, set hardware clock right, then remove `/etc/adjtime`.

`hwclock` is located in `/sbin/hwclock` and you'll need to be root to use it. Without any options, you'll see your current hardware clock setting. By using the `--systohc` option, you can set your hardware clock to your system clock.

Code Listing 1: Using `hwclock`

```
// Viewing hardware clock
# hwclock
// Setting the hardware clock to system time
# hwclock --systohc
```

Note: There are many other options available for `hwclock`, see `man hwclock` for more information.

From <http://www.gentoo.org/news/en/gwn/20030519-newsletter.xml>

```
image:rdf newsfeed / //static.linuxhowtos.org/data/rdf.png (null)
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image:rss newsfeed / //static.linuxhowtos.org/data/rss.png (null)
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image:Atom newsfeed / //static.linuxhowtos.org/data/atom.png (null)
- Powered by
image:LeopardCMS / //static.linuxhowtos.org/data/leopardcms.png (null)
- Running on
image:Gentoo / //static.linuxhowtos.org/data/gentoo.png (null)
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image:Valid XHTML1.1 / //static.linuxhowtos.org/data/xhtml1.png (null)
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image:Valid CSS / //static.linuxhowtos.org/data/css.png (null)
:
image:buttonmaker / //static.linuxhowtos.org/data/buttonmaker.png (null)
- Level Triple-A Conformance to Web Content Accessibility Guidelines 1.0 -
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Time to create this page: ms
<!--
image:system status display / /status/output.jpg (null)
-->
bodyloaded();
```