

# Re: installing kernel.org kernels

---

*Source:* <http://linux.derkeiler.com/Mailing-Lists/Fedora/2006-11/msg06781.html>

---

- *From:* Gene Heskett <[gene.heskett@xxxxxxxxxxx](mailto:gene.heskett@xxxxxxxxxxx)>
  - *Date:* Thu, 30 Nov 2006 07:58:37 -0500
- 

On Thursday 30 November 2006 07:52, Dave Jones wrote:

On Thu, Nov 30, 2006 at 07:43:07AM -0500, Gene Heskett wrote:

2. Trying to do this as a user rather than root because you all decry my running everything as root. To that end I have broken my 'makeit' script in two, doing all the building as myself and leaving the installation to a separate script that must be run as root. This seems to work, but is there a way to run as the common user and still have rights to install the modules in /lib/modules/\$kernelver, and to install the pieces and links in /boot that are required to achieve a working boot?

sudo ?

For another 30+ lines of script? I'd have to study up on wrapping that one up correctly.

```
sudo make modules_install
sudo make install
```

That's all you need to do.

Don't forget sudo mkinitrd, it won't run unless by root. :)

Side comment here. I know my present .config is probably building

Re: installing kernel.org kernels

quite a few more modules that I don't need since I started with a make oldconfig, but can that explain why a kernel build that a month ago on gcc-3.3.4 took 10 to 11 minutes, it now taking nearly 30 minutes to do with this newer compiler suite FC6 installs?

A big time saver when building your own kernels is to make sure CONFIG\_DEBUG\_INFO is disabled.

It is disabled AFAIK

This speeds up the linking stage considerably. Another big performance win (for recompiles) is to use ccache.

My script starts with a make clean for correctness. How would/does ccache work?

Dave

Thanks Dave.

---

Cheers, Gene

"There are four boxes to be used in defense of liberty:  
soap, ballot, jury, and ammo. Please use in that order."

-Ed Howdershelt (Author)

Yahoo.com and AOL/TW attorneys please note, additions to the above message by Gene Heskett are:

Copyright 2006 by Maurice Eugene Heskett, all rights reserved.

---

fedora-list mailing list

fedora-list@xxxxxxxxxxx

To unsubscribe: <https://www.redhat.com/mailman/listinfo/fedora-list>