

Re: Kernel Compile

Source: <http://linux.derkeiler.com/Mailing-Lists/Debian/2004-08/4580.html>

From: Stefan O'Rear (*stefanor_at_cox.net*)

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To: debian-user@lists.debian.org

On Tue, Aug 31, 2004 at 01:06:59AM +0100, Grant wrote:

> *Hey,*

>

> *I have a laptop P2 300mhz, 128mb ram and a desktop box thats 2ghz,512mb ram.*

>

> *The question is that could i use my 2ghz machine to make and compile a
> kernel, then package it up into a .deb and send it to the laptop and
> install it and it work ?*

>

> *Would i need any extras ? i know i would have to select the hardware for
> the laptop, but would i need to include the hardware for the 2ghz or
> just the laptop ?*

Probably just the laptop, BUT, I seem to recall the *config doing limited hardware probing (like, if you don't watch out you'll get a P4 only kernel).

You may wish to look into distcc. It is a wrapper for gcc that spreads the work between multiple computers, e.g:

```
make menuconfig
```

```
CC=distcc make -j4 bzImage
```

Your laptop and your desktop will be faster than your desktop alone.

Note that old (< 2.6 i think) kernels simply can't be built with multiple processors, so you'd be out of luck whether it's distcc or your shiny new quad-Opteron PC.

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```
The world's most effective spam filter:  
ln -sf /dev/full /var/mail/$USER
```

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