

Debian-User: How can I make a kernel package that is `_identical_` to those available for download?

## How can I make a kernel package that is `_identical_` to those available for download?

*Source:* <http://linux.derkeiler.com/Mailing-Lists/Debian/2004-12/4387.html>

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*Date:* 12/30/04

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To: [debian-user@lists.debian.org](mailto:debian-user@lists.debian.org)

Hi folks,

I asked this on `debian-kernel` about 8 hours ago but didn't get any replies.

I've tried about half a dozen times over the last year to compile a working kernel for my old 233MHz machine. I thought I might have had a defective processor (a K6) but I've changed it to a genuine Intel Pentium and still had no success. I can successfully install one of the precompiled kernel images, but compiling one on my box has failed so far. At one point I filed a bug report but Herbert Xu was unable/unwilling to help.

I am currently running RC1 of sarge with a 2.4.27 kernel that I downloaded as a kernel image, but I've previously tried with 3.0r1 with 2.4.18 and other 2.4.x kernels, as well as an early 2.6.x kernel source.

I now have:

`kernel-source-2.4.27_2.4.27-6_all.deb` (30M)

I thought I knew what to do with this, but my past failures in compiling kernels on this box make me wary.

I also have

`kernel-image-2.4.27_2.4.27-6.tar.gz` (95K)

but I can't understand what I'm supposed to do with it. I've unpacked it but it seems to be for those who already know how it works – there's no readme or help I can see.

I also have:

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`kernel-build-2.4.27_2.4.27-6_i386.deb` (8K)

but I don't really know what to do with it either.

I do have `kernel-package` installed.

As far as I can tell, the latest testing kernel image for Pentium is:

`kernel-image-2.4.27-1-586tsc_2.4.27-6_i386.deb` (11.5M)

What commands do I need to issue in order to generate a `.deb` that is \_identical\_ to that? I assume I have to use `make-kpkg`, and it probably depends on the precise version of the compiler.

Thanks in advance.

Regards, Rossc.

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