

## Re: FC5: trouble building nvidia-kmod from livna

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*Source:* <http://linux.derkeiler.com/Mailing-Lists/Fedora/2006-09/msg01232.html>

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  - *Date:* Mon, 11 Sep 2006 14:49:54 -0700 (PDT)
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Kenny Gow wrote:

```
: Dean S. Messing wrote:
: > I'm having the devil of a time building (compiling) the nvidia-kmod
: > rpm for the kernel I'm running. (Why does this have to be so hard!!!)
: >
: > Here's what I've done.
: >
: > I downloaded
: >
: > nvidia-kmod-1.0.8774-1.2.6.17_1.2174_FC5.src.rpm
: >
: > from livna. They don't have the module .rpm for the
: > 2.6.15-1.2054_FC5smp which I'm running right now so I figured I'd
: > "just" build the .rpm.
: >
: > I then "installed" the .src.rpm with `rpm -i'.
: >
: > Then I edited the .spec file, changing
: >
: > %{!?kversion: %define kversion 2.6.17-1.2174_FC5}
: >
: >
: > to
: >
: > %{!?kversion: %define kversion 2.6.15-1.2054_FC5}
: >
: > at the beginning of the file.
: >
: > I then did
: >
: > rpmbuild -bb --target i686 nvidia-kmod.spec
: >
: > and get the following error messages:
: >
: > Building target platforms: i686
: > Building for target i686
: > error: Failed build dependencies:
```

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:> kernel-devel-i686 = 2.6.15-1.2054_FC5 is needed by nvidia-kmod-1.0.8774-1.2.6.15_1.2054_FC5.i686
:> kernel-xen0-devel-i686 = 2.6.15-1.2054_FC5 is needed by
nvidia-kmod-1.0.8774-1.2.6.15_1.2054_FC5.i686
:> kernel-kdump-devel-i686 = 2.6.15-1.2054_FC5 is needed by
nvidia-kmod-1.0.8774-1.2.6.15_1.2054_FC5.i686
:>
:>
:> What I do have installed is:
:>
:> # `rpm -qa | fgrep kern'
:>
:> kernel-smp-devel-2.6.15-1.2054_FC5
:> kernel-smp-2.6.15-1.2054_FC5
:> glibc-kernheaders-3.0-5.2
:>
:> What am I doing wrong?
:>
:> Dean
:>
: try setting kvariants to smp and make sure kversion is set to your
: kernel version (uname -r)
```

Thanks Kenny. Your clue (and Phil Meyer's) provides the solution. I see what the problem was. Hardcoding "kvariants" in the .spec file was the trick.

Dean

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