

Re: lsmod/insmod commands are not working

Source: <http://linux.derkeiler.com/Mailing-Lists/Fedora/2007-07/msg05155.html>

- *From:* Andy Green <andy@xxxxxxxxxxx>
 - *Date:* Tue, 31 Jul 2007 10:26:29 +0100
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Somebody in the thread at some point said:

MAHESH wrote:

i am using fedora 7 in my system its kernel version is 2.6 while programming it is not executing the commands insmod & lsmod and when

You probably want to install `-devel` {for compiling kernel module interfaces} or `-headers` {all}
yum install kernel-devel or yum install kernel-headers

kernel-headers contains mutant kernel includes that have been "sanitized for userspace", if he's trying to do "kernel level programming" then he wants specifically the kernel-devel stuff.

But I think maybe he is telling us about a second problem.... insmod and lsmod and so on live down /sbin, and only root has /sbin in its PATH by default. You can still run lsmod anyway as a normal user, but you will have to run it as

```
/sbin/lsmod
```

or add /sbin to your PATH. But really to do anything useful you will want to run them as root, where you will also be able to run them without giving the /sbin/ in front.

–Andy

—

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