

Upgrade Lucid To Maverick

I helped my friend update his Dell precision T3500 from Ubuntu 10.04 to 10.10 today. After reboot, the system stopped and left me the following message

```
udevd-word[169]: '/sbin/modprobe -bv pci:v00008086d00002822sv00001028sd00000293bc01sc04i00' unexpected exit
with status 0x0009
```

```
Gave up waiting for root device. Common problems:
- Boot args (cat /proc/cmdline)
  - Check rootdelay= (did the system wait long enough?)
  - Check root= (did the system wait for the right device?)
- Missing modules (cat /proc/modules; ls /dev)
ALERT: /dev/disk/by-uuid/.....(a uuid here)..... does not exist.
Dropping to a shell!
```

```
BusyBox v1.15.3 (Ubuntu 1:1.15.3-1ubuntu5) built-in shell (ash)
```

```
(initramfs)
```

After some googling, I finally found [this](#) post as a workaround which worked for me. #35 in that post gives a detailed instruction.

The basic idea is to give "pci=nocrs" option to the kernel.

I sum up the instructions here.

Boot from previous working kernel, then backup grub files

```
$ sudo cp /boot/grub/grub.cfg /boot/grub/grub.cfg.orig
$ sudo cp /etc/default/grub /etc/default/grub.orig
```

Edit file grub

```
$ sudo vi /etc/default/grub
```

Find and edit GRUB_CMDLINE_LINUX line like this

```
GRUB_CMDLINE_LINUX="pci=nocrs"
```

Update grub

```
$ sudo update_grub
```

Then reboot and enjoy 10.10.