

Ubuntu 10.10 Maverick Meerkat 2.6.38 kernel vs Broadcom STA linux driver

Feel free to install pre-released version of ubuntu kernel into the current!

Today, my Ubuntu popped up if I'd like to upgrade to 11.04 Natty Narwhal, and no, for a bit of time, I'm truly sure, I don't. But what I do want is the 200 lines magic patched kernel of Natty, so I gave a shoot.

Download it from Ubuntu Kernel PPA^[^1]:

After downloading, install them with `dpkg -i *.deb`.

But, after adding I also wanted to compile Broadcom STA driver, since the Ubuntu version is only 5.60, and the latest is 5.100, and there's a really large difference.

During the compilation, a received the following error:

```
src/wl/sys/wl_linux.c:485: error: implicit declaration of  
function `init_Mutex'
```

After a bit of searching around, I've found a simple solution on Linux Mint forums^[^2]:

```
"I solved the problem by changing line 487 from  
init_Mutex(&wl->sem);  
into  
sema_init(&wl->sem, 1);"
```

And hey, it does solve the problem!

I do feel one more step closer to Linux Mint Debian Edition, Unity just tastes like Windows 7 tasted, and Windows 7 made me change into linux only machine. Maybe Unity will blow me to a Debian rolling edition.

Links

1. <http://kernel.ubuntu.com/~kernel-ppa/mainline/v2.6.38.4-natty/>
2. <http://forums.linuxmint.com/viewtopic.php?f=141&t=57056&p=378103>

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