[~sgerrand](#)

/home/sasha.gerrand.id.au/

↓ Archives ↓
June 3rd, 2010 • 08:06

[Using the D-Link DWA-125 with Ubuntu 10.04](#)

Caveat

This method has only been tested under Ubuntu 10.04 (Lucid Lynx), but should work for any previous version of Ubuntu. Additionally, the driver compile instructions referenced should work for any modern Linux distribution (2.6+ kernel). YMMV.

Overview

The default driver for the D-Link DWA-125 wireless 150 USB adapter currently available as part of the Ubuntu Linux distribution has errors. This article offers a method for fixing this issue.

Requirements

You will need a default Ubuntu install (ideally), a D-Link DWA-125 wireless USB adapter and access to an account on the machine in question that has superuser capabilities.

Method

Firstly, plug the device into a USB port and identify it using the following command:

```
lsusb | grep D-Link
```

This should return the following text as output:

```
Bus 001 Device 003: ID 07d1:3c0d D-Link System
```

If the USB device ID is *07d1:3c0d*, then continue to the next step. If not, then the device is not the D-Link we are looking for and is out of scope.

The issue can be confirmed by checking the system output using one of the following commands:

- `grep rt2 /var/log/messages` which should return something like this:

  ```
  rt2800usb 1-6:1.0: firmware: requesting rt2870.bin
  ```

; or

- `dmesg | grep rt2`which should return something similar to the above output.

The next step is to grab the most current Linux driver from D-Link, compile it and install it. The GNU make program is needed for this step, but it should already be installed as part of a base Ubuntu installation. Run the following commands to download the current driver source, extract it, compile it and finally install it for use:

```
wget --quiet ftp://www.dlinkla.com/pub/drivers/DWA-125/*LINUX*DWA-125*.tar.gz --
directory-prefix=/tmp tar -xzf /tmp/*LINUX*DWA-125*.tar.gz cd /tmp/*RT3070*Linux* make
&& sudo make install echo "blacklist rt2800usb" | sudo tee --append
/etc/modprobe.d/blacklist.conf
```

If the commands above complete successfully, the new driver has been installed and the incorrect driver has been prevented from automatically loading. Restart the computer and the device will be available for use.

Share this:

3 Comments

- **Jun 6th 2010 •** 04:06
by juigperez

I've been trying to make my D-link DWA-125 adapter work in ubuntu 10.04 lucid lynx by a few days by now.
I find your method to be simple but with the problem that D-Link does not provide any Ubuntu driver for DWA-125 as is required in your explanation. They offer drivers for: winxp (32 and 64), win vista (32 and 64) and win7 (32 and 64)

If you have a link to a DWA-125 linux driver download, please share it.
Thanks

- **Jun 6th 2010 •** 13:06
by Sasha

A Linux driver for the DWA-125 is on the D-Link FTP site, as per the original post above. You will need to compile and install the new driver, again as per the instructions, in order for the device to be usable on Ubuntu 10.04, as the current driver in that release is out of date and unusable.

- **Jun 10th 2010 •** 03:06
by synthakai

Thanks a lot, Sasha. Now my dlink works perfectly 😃

Leave a Reply

Leave a verified comment using

- By Sasha
- Posted in [device drivers](#), [internet](#), [technology](#)
- Tagged [bash](#) [d-link](#) [drivers](#) [dwa-125](#) [lucid lynx](#) [ubuntu](#) [usb](#) [wireless](#)

Theme "Vermillon" by [Benoît «LeBen» Burgener](#) for [My Tapestry](#)

[Entries](#) [Comments](#)

[Top](#)