

Linux Driver Installation for DVBSky PC Tuner Card/Box

(For Ubuntu as example)

1,Get DVBSky linux source code

- 1) Under Linux directory in CD.
- 2) For more later source code, visit www.dvbsky.net and goto support web page.
- 3) Unzip the source code to Ubuntu User directory.
If the user name is DVBSky, the completed source code directory is:
`/home/DVBSky/media_build-bst`

2,Compile and install driver

- 1) Enter the source code directory, then change the read/write permissions:
`cd /home/DVBSky/media_build-bst`
- 2) Check and choose one of the target systems, run 'uname -a' to get os informaton.
`./v4l/build_x86.sh` if build for 32 bit system os.
`./v4l/build_dvbc_x86.sh` if build for 32 bit system os to support DVB-C.
`./v4l/build_x64.sh` if build for 64 bit system os.
`./v4l/build_dvbc_x64.sh` if build for 64 bit system os to support DVB-C.
- 3) Compile the source code:
`make`
- 4) Install driver, which need super user privilege:
`sudo make install`
- 5) Copy firmware file dvb-fe-ds300x.fw and dvb-fe-ds3103.fw to **/Lib/Firmware** directory. Firmware file can be downloaded from support web page in www.dvbsky.net. Unzip it then copy files.
- 6) Reboot computer.
- 7) Verify the installation is successful or not:
`ls /dev/dvb`
If the adaptor0 is list here so the driver is installed properly.

3, FAQ

Situation:

Kernel message when loading the drivers.

"Unknown symbol..."

"Invalid parameter..."

"disagrees about version of symbol..."

Fix:

Step 1)

```
sudo rm -rf /lib/modules/`uname -r`/kernel/drivers/media/
```

Step 2)

```
sudo make install
```

DVBSky 2012