

SETUP COM5 & COM6 OF ROBOARD RB-110 IN UBUNTU

DMP Electronics Inc

Robotic Division

Aug 2010

SETUP FTDI 2232H VCP DRIVER

- + Linux kernel 2.6.9 or greater has already included FTDI 2232H VCP Driver for RB-110's COM5 & COM6.
 - In Ubuntu 9.0.4, type `dmesg|grep ttyUSB`
 - Then you shall see `tttyUSB0 (COM5)` & `tttyUSB1 (COM6)` are displayed

```
a@a-laptop:~$ dmesg|grep ttyUSB
[ 14.564447] usb 4-2: FTDI USB Serial Device converter now attached to ttyUSB0
[ 14.580423] usb 4-2: FTDI USB Serial Device converter now attached to ttyUSB1
a@a-laptop:~$
```

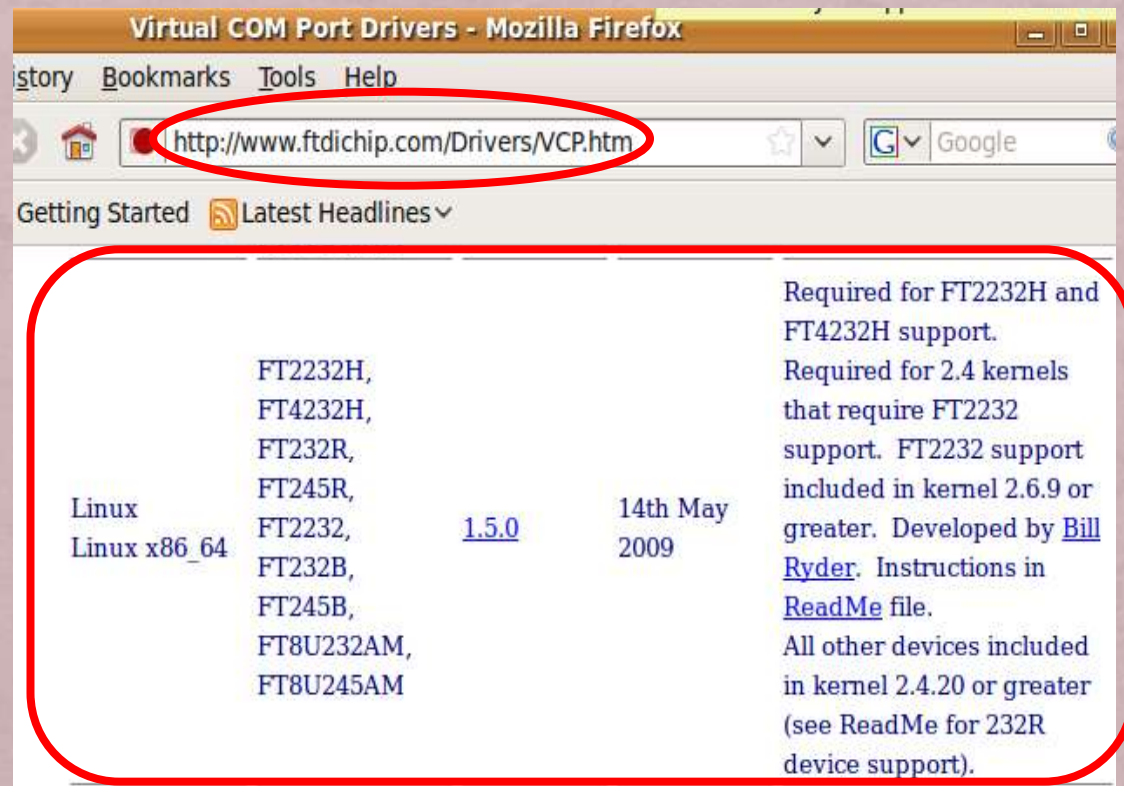
- + You can access the `tttyUSB0 (COM5)` & `tttyUSB1 (COM6)` using the standard Linux serial-port access method.

SETUP FTDI 2232H VCP DRIVER

- + For other Linux kernel, you can download FTDI 2232H VCP driver from

<http://www.ftdichip.com/Drivers/VCP.htm>

- You can also find the installation instructions there.



OS	Supported Devices	Version	Date
Linux Linux x86_64	FT2232H, FT4232H, FT232R, FT245R, FT2232, FT232B, FT245B, FT8U232AM, FT8U245AM	1.5.0	14th May 2009

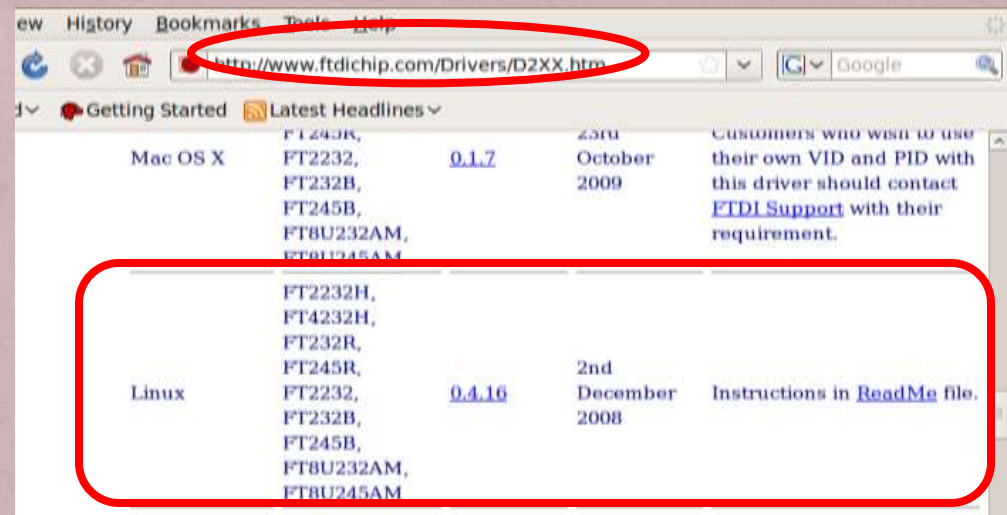
Required for FT2232H and FT4232H support.
Required for 2.4 kernels that require FT2232 support. FT2232 support included in kernel 2.6.9 or greater. Developed by [Bill Ryder](#). Instructions in [ReadMe](#) file.
All other devices included in kernel 2.4.20 or greater (see ReadMe for 232R device support).

SETUP FTDI 2232H D2XX DRIVER

- + FTDI provides another method to access RB-100's COM5 & COM6, i.e., through FTDI D2XX library.
- + This method requires to install FTDI D2XX driver, which can be downloaded from

<http://www.ftdichip.com/Drivers/D2XX.htm>

- You can find the installation instructions there.



THANK YOU

tech@roboard.com
<http://www.roboard.com>