



## How to Pre-load your laptop for the PDC Arduino Training

### 1. Install FTDI Drivers

This is so that your RedBoard will be able to communicate with your computer through the USB port. If you have Windows 8 or above you might already have the drivers.

- Download the FTDI driver at one of the following links;

Windows [https://cdn.sparkfun.com/assets/learn\\_tutorials/7/4/CDM\\_v2.12.00\\_WHQL\\_Certified.exe](https://cdn.sparkfun.com/assets/learn_tutorials/7/4/CDM_v2.12.00_WHQL_Certified.exe)

Apple/Mac: [http://www.ftdichip.com/Drivers/VCP/MacOSX/FTDIUSBSerialDriver\\_v2\\_2\\_18.dmg](http://www.ftdichip.com/Drivers/VCP/MacOSX/FTDIUSBSerialDriver_v2_2_18.dmg)

- Depending on the browser you are using, follow the instructions below to install the drivers.

Internet Explorer

Click the **Save** button

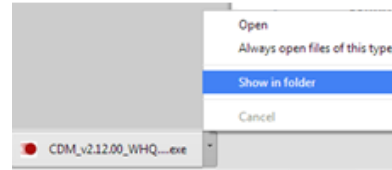


Click the **Open Folder** button

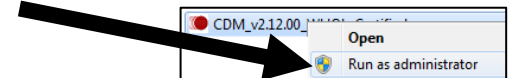


Google Chrome

Click the arrow and select **Show in Folder**



- Right-click** (on the 'CMD\_v2.12.00\_WHQL\_Certified.exe' file and (Or for Apple/Mac Ctrl-click on the 'FTDIUSBSerialDriver\_v2\_2\_18.dmg') then select **Run as administrator**

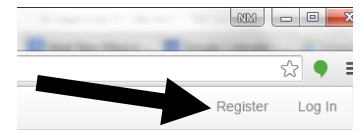


- Click **'Extract,'** and continue through the installation until it finishes. Click the Extract, Next and install buttons and Accept any agreements.
- Click the **Finish** button and all done...

### 2. Register online for the Codebender application.


You will use this application to program the Redboard. You will be able to save code that you work on at the PDC to use or reference later.

- In either Chrome or Firefox, Go to <https://codebender.cc>
- Register** with a generic username and password for your students to use.
  - Use an email address that you can access to confirm registration.
- Confirm registration by going to the email account you used in the previous step and click the **Confirm Account** link in the email from codebender



### 3. Add the codebender plugin to the browser

At the page <https://codebender.cc/> in either Chrome or Firefox browser.

- Click the **Create sketch** button 
- Add the codebender plugin by clicking the **Add it to Chrome** link.
  - Or Add it to Firefox if you are using Firefox browser

