

How to install the driver on a MAC

Download the driver

There are two main sites that people mention in the discussions about the driver:

Chinese company that developed it: <http://www.wch.cn/downloads.php?name=pro&proid=178>

The driver (CH341SER_MAC.ZIP (256Kb)) can be downloaded directly from

www.ginkosynthese.com/product/grains/.

Second site is the Russian company that sells the USB programmer based on this chip:

<http://www.5v.ru/ch340g.htm> but this site only has an older version of the driver, from 2012, so I do not recommend downloading it.

Install it

Download the driver (see above)

Double click the ZIP file do unzip it

Open the folder ~/Downloads/CH341SER_MAC

Run installer found in that folder

If asked to restart, do not restart just yet.

This next step is only needed if you are on OS-X Yosemite. For older versions of OS-X you do not need it:

Open Terminal Application (it's located in /Application/Utilities) and type this command once you see a prompt:

```
sudo nvram boot-args="kext-dev-mode=1"
```

See this post if you wish to know why we need to run this command. I believe you need to do this because the driver is not signed properly, or is simply too old for Yosemite. Hopefully newer versions won't require this step and will automatically become enabled.

Now restart your Mac

Usage

If the driver properly loaded, you should see the device in you /dev folder (this is for advanced command-line users of OSX only). On my machine it was called /dev/cu.wchusbserial1441140

This port is showing up correctly in Arduino 1.0.6 and Arduino 1.5.8.

However, if you are using the Eclipse Plugin, it is not smart enough to list this port in the list of available serial ports (either in project properties, or in the serial monitor). You will have to type the entire thing yourself: /dev/cu.wchusbserial1441140 and then Eclipse can upload your sketch.

That's it! You should be ready to use the drivers and the board.

(info copied from: <http://kiguino.moos.io/2014/12/31/how-to-use-arduino-nano-mini-pro-with-CH340G-on-mac-osx-yosemite.html>)