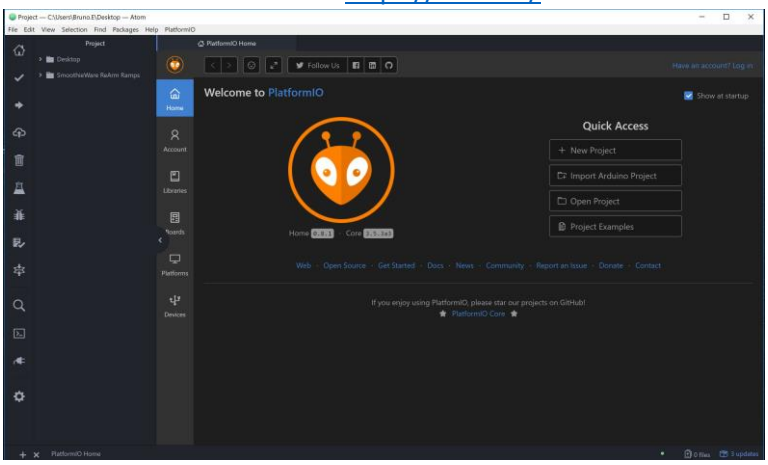
Tuto Installation TMC2208Pilot Arduino

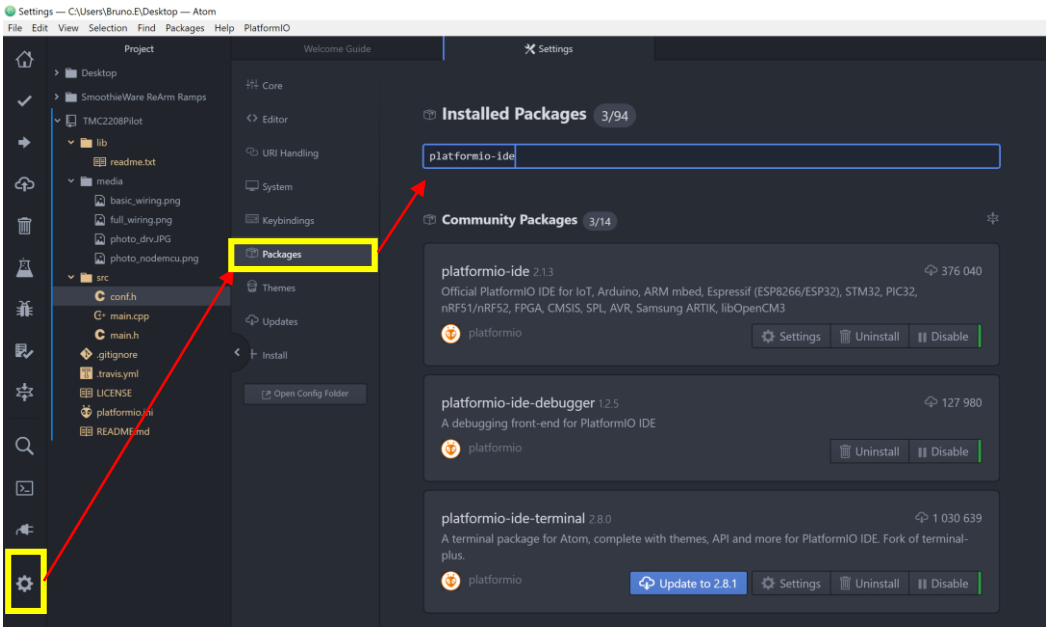
Download then install Atom https://atom.io/



Go to Atom Settings 

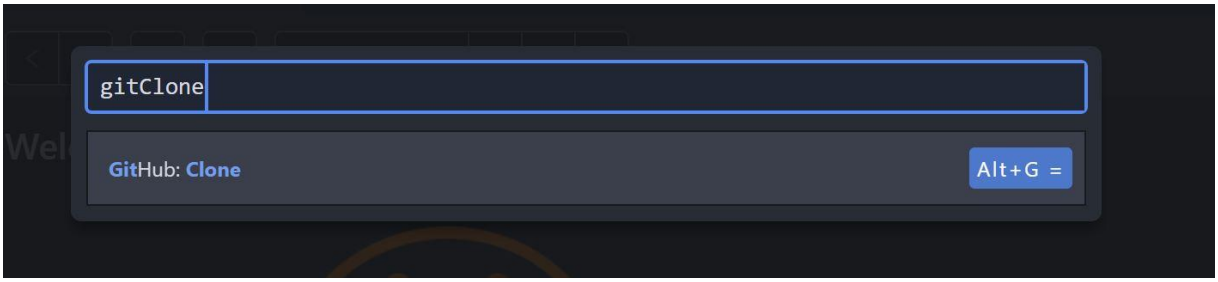
then package and install the packages:

- Platformio-ide
- Gitplus

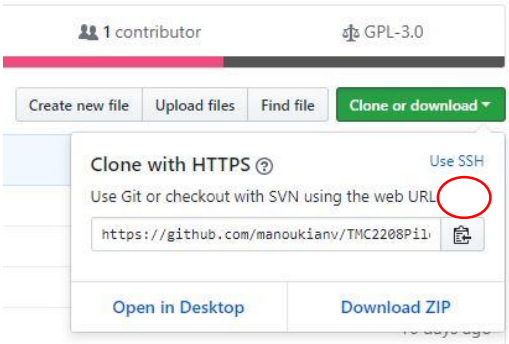


Once the packages above install do **SHIFT+CTRL+P**

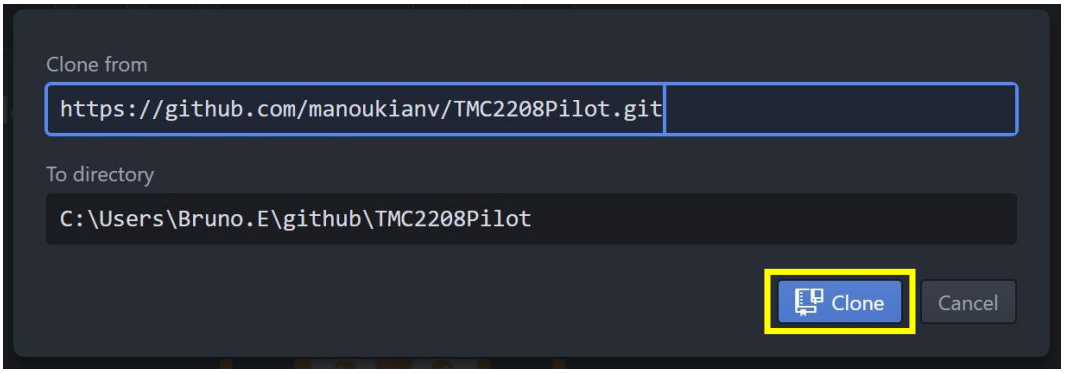
The window below opens entry ‘’**gitclone’’** then entered



Go to the Github TMC2208Pilot and copy the link using the button below

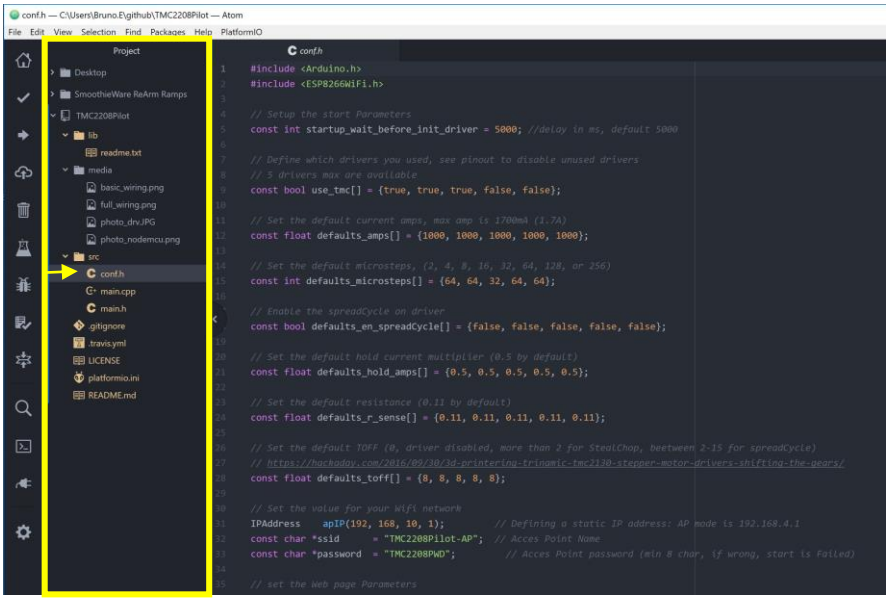


Go back to Atom and paste the link in the window below, then click on Clone



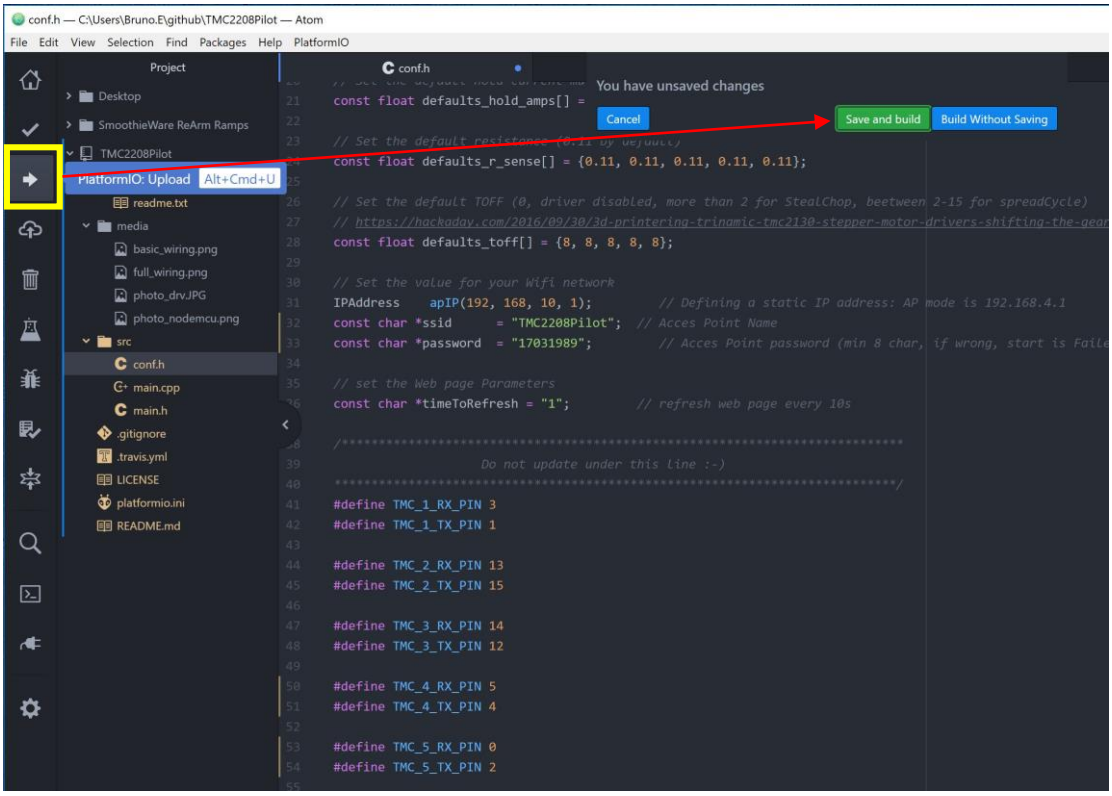
The Github and cloned !! It now appears in the column **Project**

- Unroll src and go to conf.h started setting up your TMC2208



Once the settings are complete, you can televise using the button 

- Click on Save and Build to start compilation and upload.
- For show the left toolbar go to ‘’*View/Toggle Tool Bar*’’




```
platformio run --target upload
Compiling .pioenvs\nodemcuv2\FrameworkArduino\Updater.cpp.o
Compiling .pioenvs\nodemcuv2\FrameworkArduino\WMath.cpp.o
Compiling .pioenvs\nodemcuv2\FrameworkArduino\WString.cpp.o
Compiling .pioenvs\nodemcuv2\FrameworkArduino\abi.cpp.o
Compiling .pioenvs\nodemcuv2\FrameworkArduino\base64.cpp.o
Compiling .pioenvs\nodemcuv2\FrameworkArduino\cbuf.cpp.o
```

```
[SUCCESS] Took 51.30 seconds
```

Nota :

The NodeMCU must be started after your printer so it is advisable to feed it by 5v pin and Gnd Available on your motherboard

Once your Arduino booted went to the top bar at PlatformeIO / Serial Monitor:

In the terminal you can enter the commands getConf / getMon / startMon / StopMon

• getConf = View the configuration

• getMon = View the values (monitoring) of the Drivers (First make a startMon)

• startMon = Start monitoring the values of the drivers

• stopMon = Stop the monitoring of the values of the Drivers

You can also configure a Switch (Smoothieware only) with ERROR PIN and CHECK PIN in order to not be able to start or pause if the arduino detects a driver configuration error the piece of code is available in the section WIKI