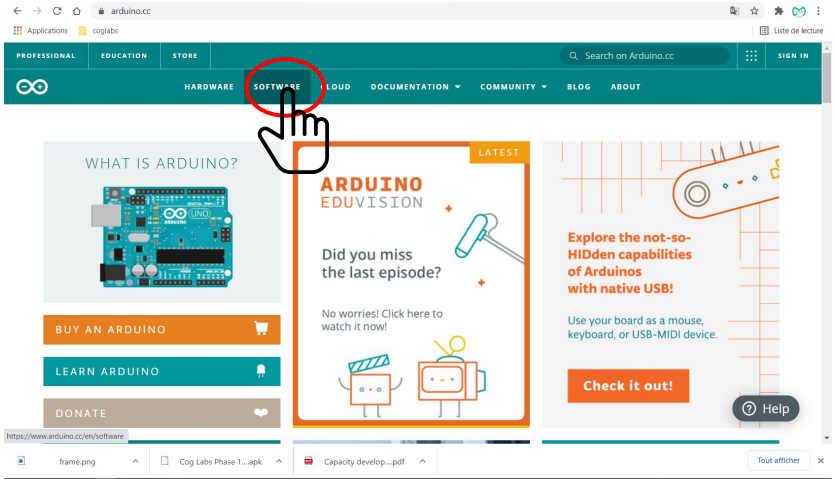
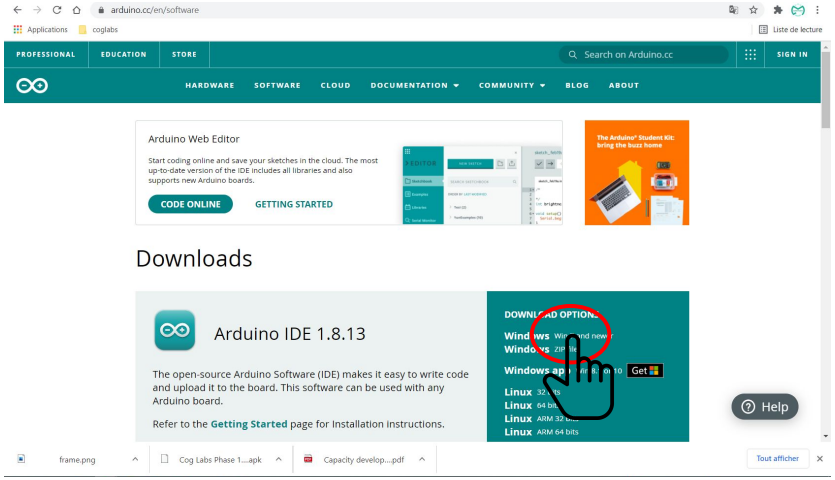
ARDUINO SETUP

1 Install Arduino



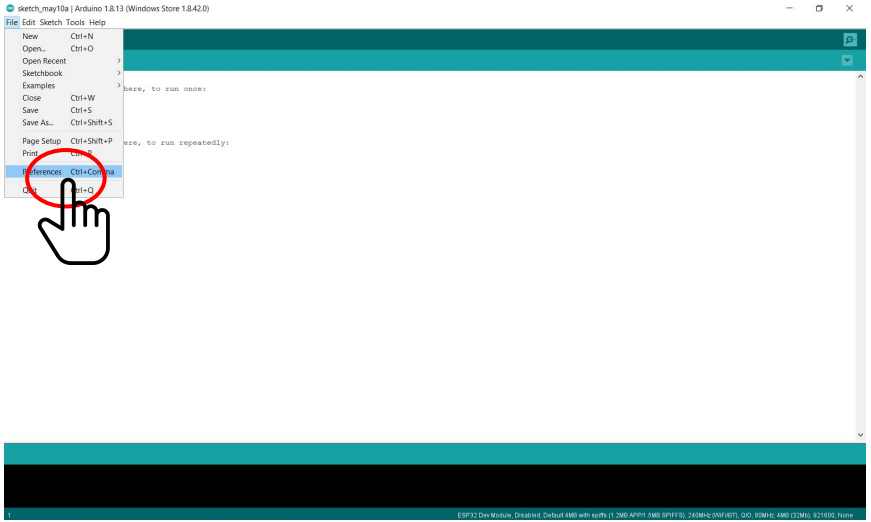


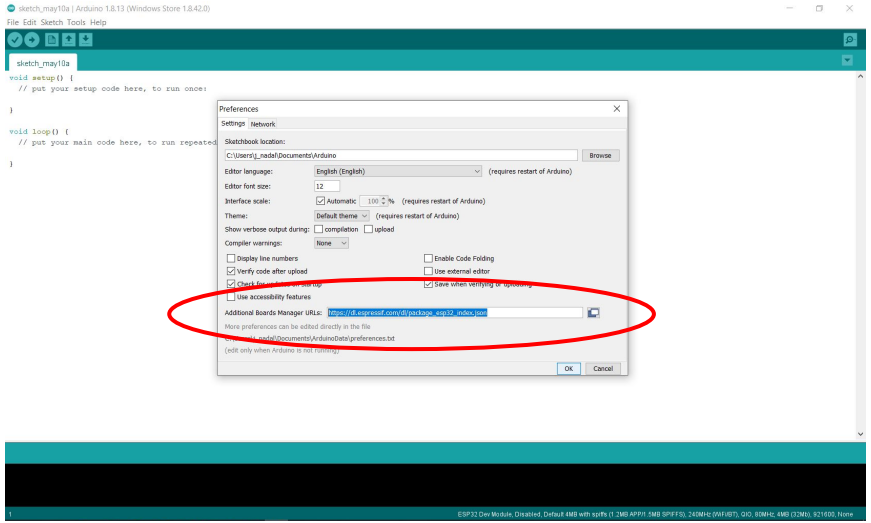
Go to [Arduino.cc](https://www.arduino.cc/) and click on “SOFTWARE”

https://www.arduino.cc/

Select your Option and Download the latest version

2 Set Up ESP32 Add on





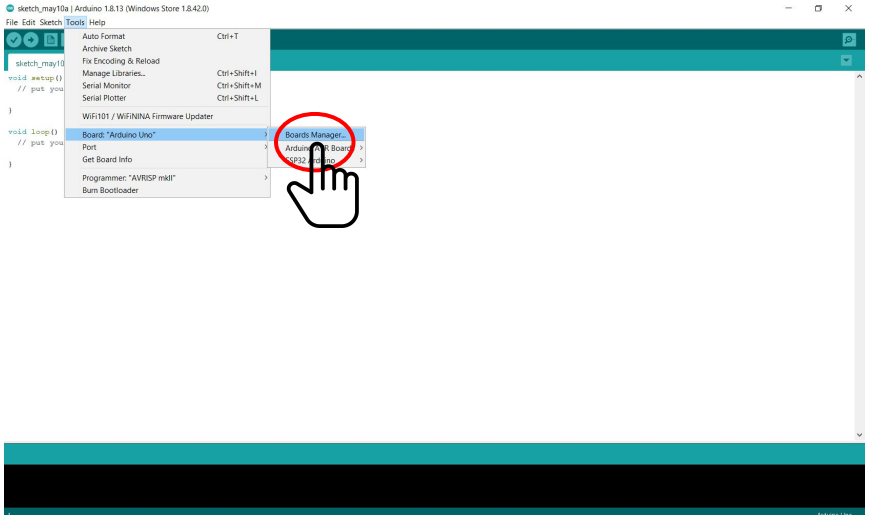
1 Open Arduino and Click on “File” then “Preferences”

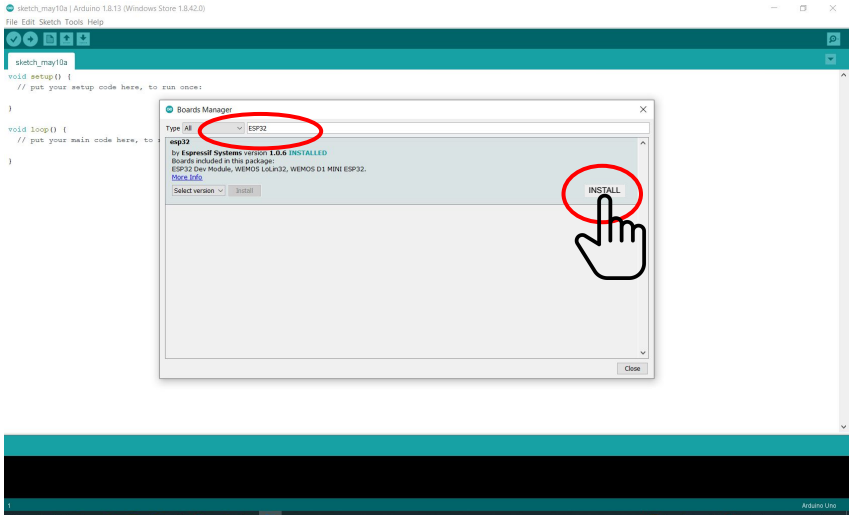
2 Copy and Paste this:

https://dl.espressif.com/dl/package_esp32_index.json

on “Additional Boards Manager URLs”

2 Set Up ESP32 Add on

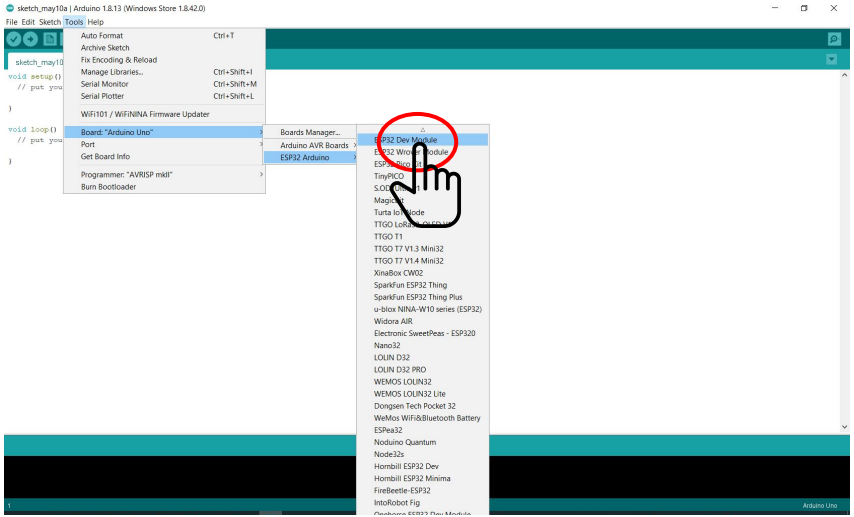


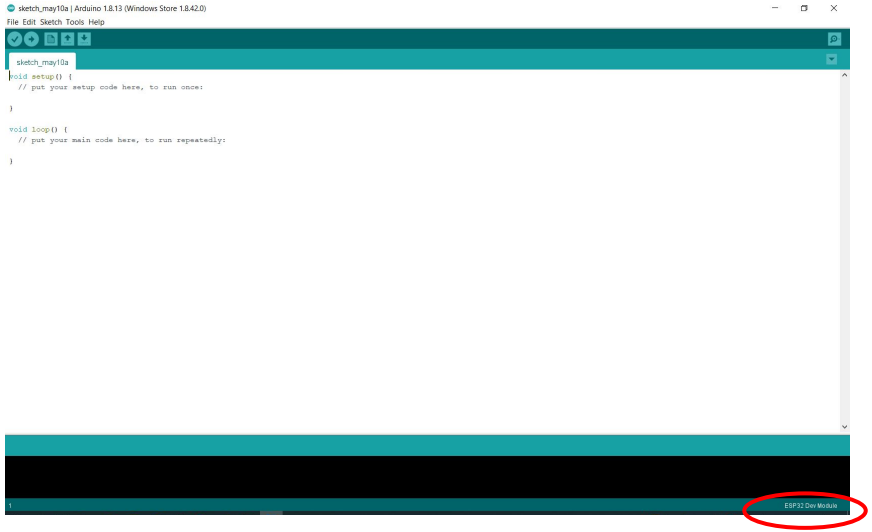


3 Go to “Tools”, “Board” and click on “Boards Manager…”

4 Type ESP32 and download the latest Version

2 Set Up ESP32 Add on

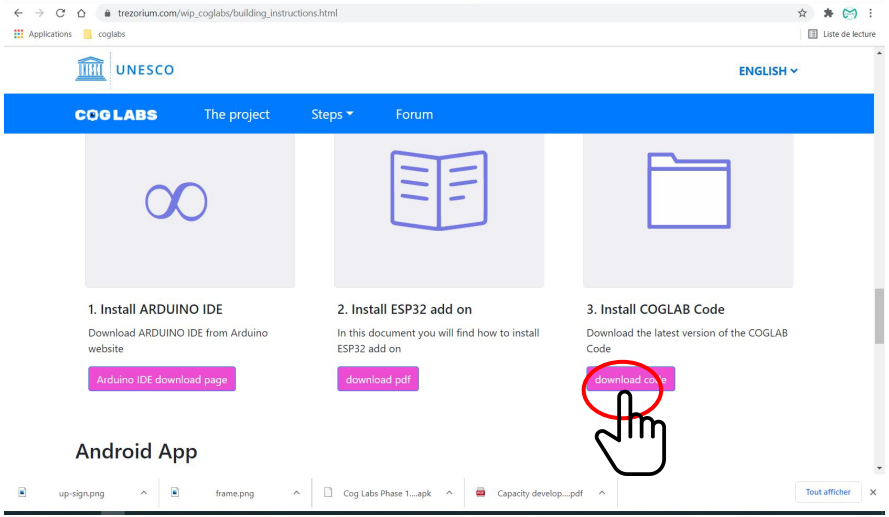


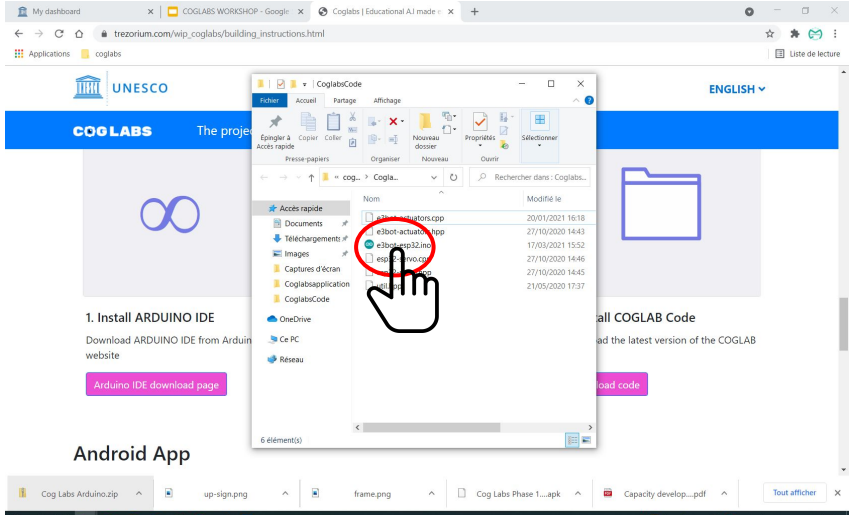


5 Go to “Tools”, “Board”, “ESP32 Arduino” And click on “ESP32 Dev module”

6 You should see ESP32 Dev Module on the bottom right of your screen

3 Upload the Coglab Code to the CoagBoard

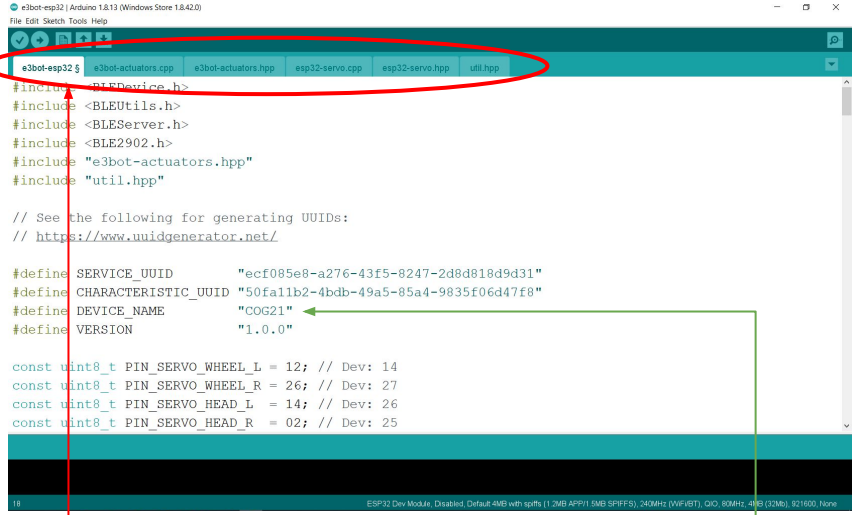




1. Go to [Coglabs instruction Page](https://www.trezorium.com/wip_coglabs/building_instructions.html) and Download the Coglabs Code then Unzip.
https://www.trezorium.com/wip_coglabs/building_instructions.html

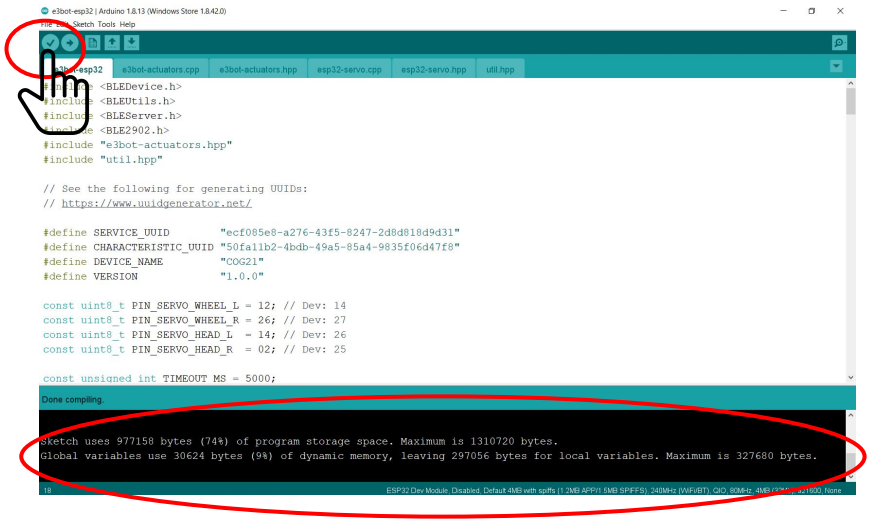
2. You should see a folder with 6 files, Click on “e3bot-esp32.ino”

3 Upload the Coglab Code to the CoagBoard



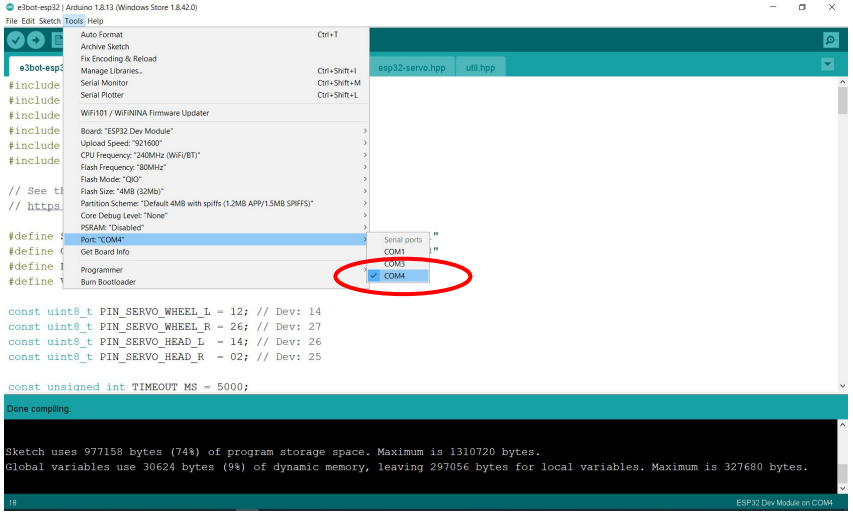
3 You should see 6 tabs here:

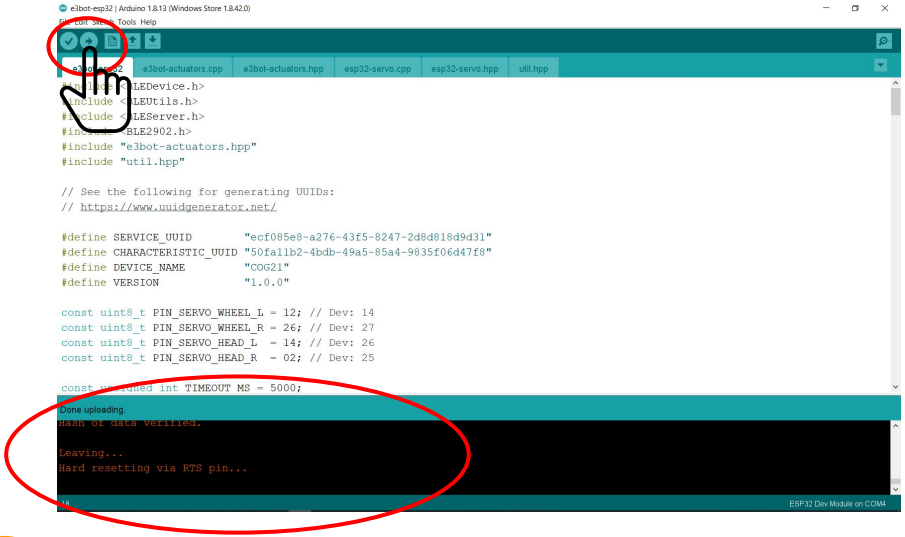
You can change the name of your CogBot here:



4 Click on “Verify” and wait until “Done Compiling” and this message appears.

3 Upload the Coglab Code to the CoagBoard





5

Now plug the CogBoard to your Computer with a **USB DATA** cable.
Go to “Tools”, “Port” and select the active Port. Try turning ON and OFF your board to make sure you select the good one.

6

Click on “Upload” and wait until “Done Uploading” and this message appears.
Now your Board is Ready and you can unplug it from the computer.