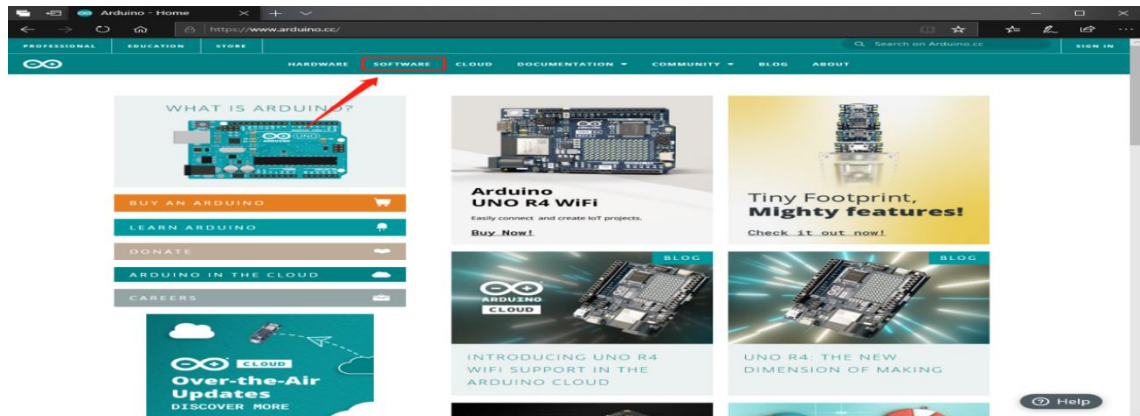


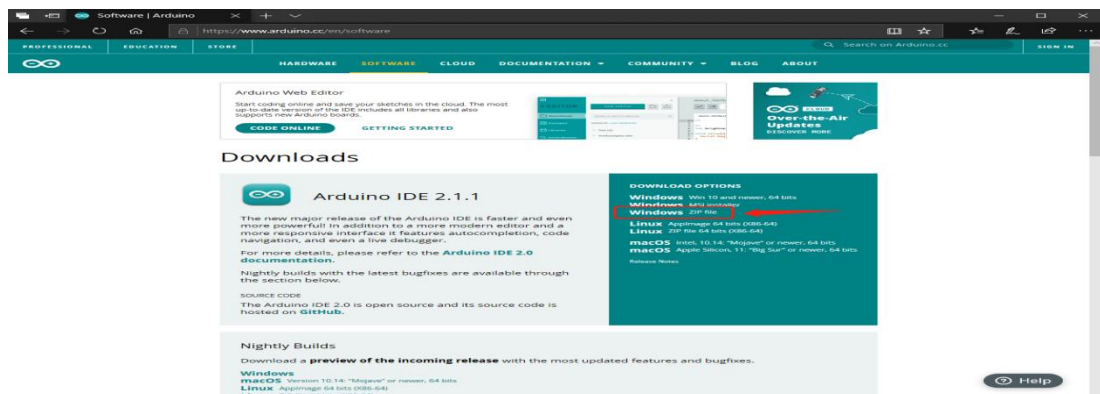
Arduino IDE Installation tutorial

Download and install

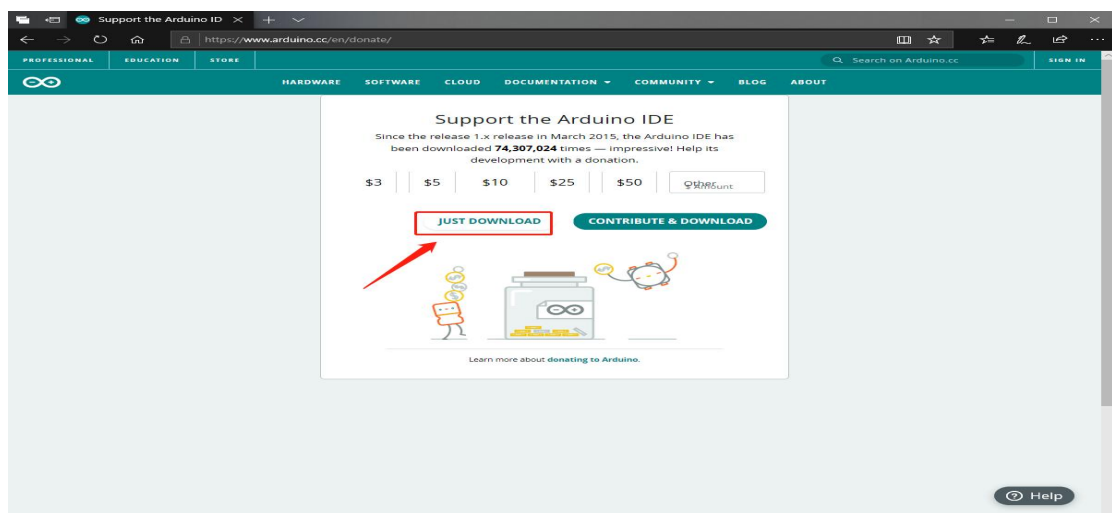
Official website download address, please click [here](#) click, and then open software.



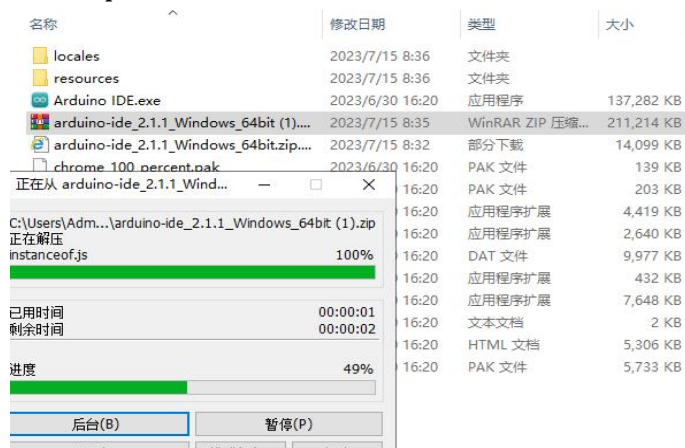
download **Windows Zip file**



Select **JUST DOWNLOAD** for free download



Decompression arduino-ide_2.1.1_Windows_64bit

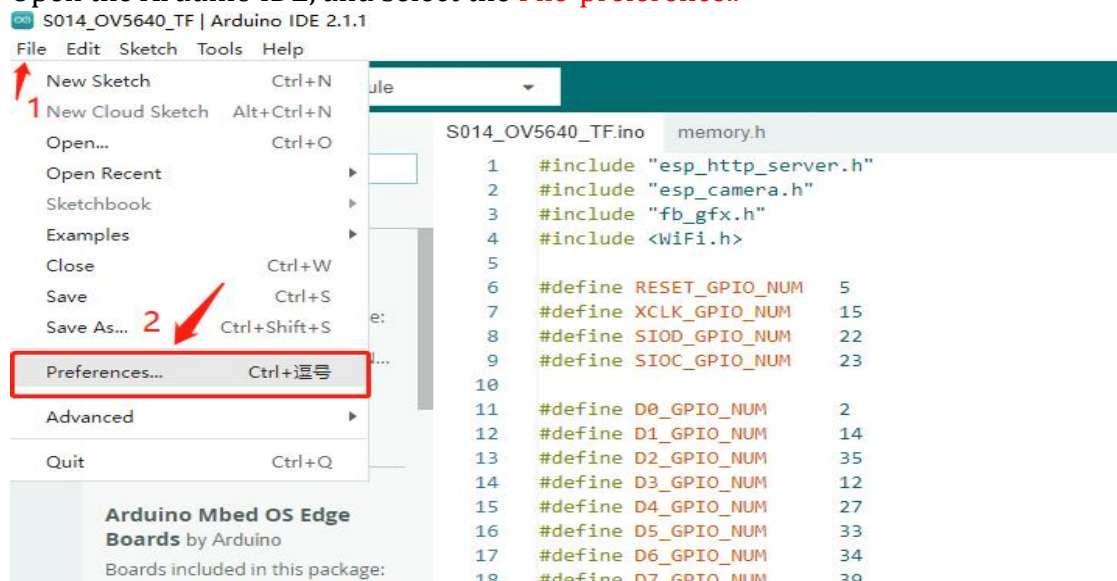


Open and install the **Arduino IDE**, and then just click on the next step



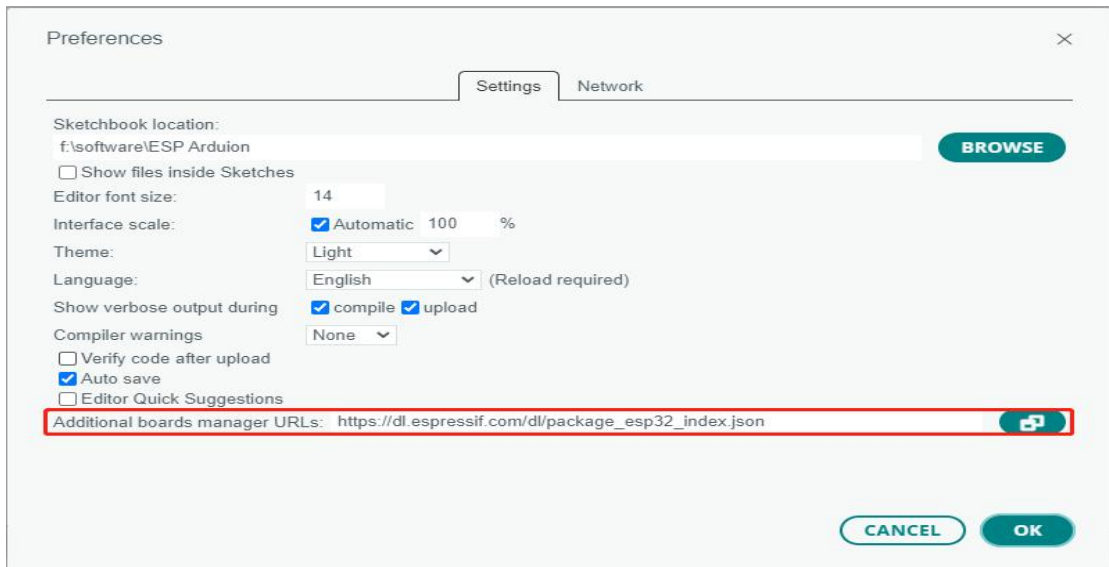
Configuration environment

Open the Arduino IDE, and select the **File-preference..**

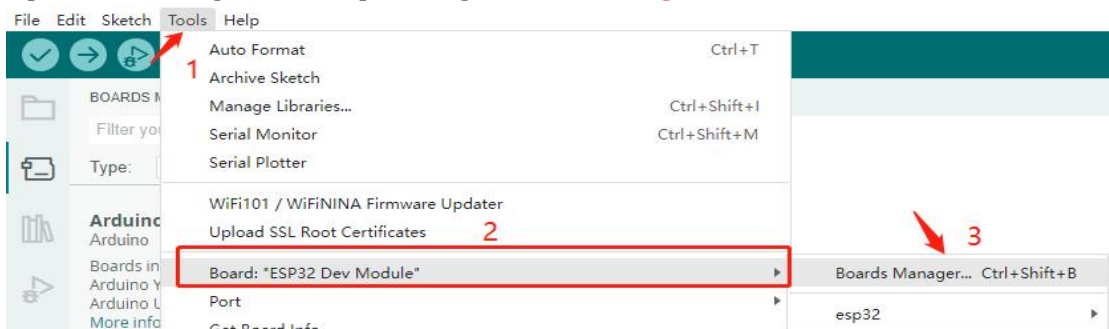


In the figure **Additional boards manager URLs**: Add the following website, and then click OK.

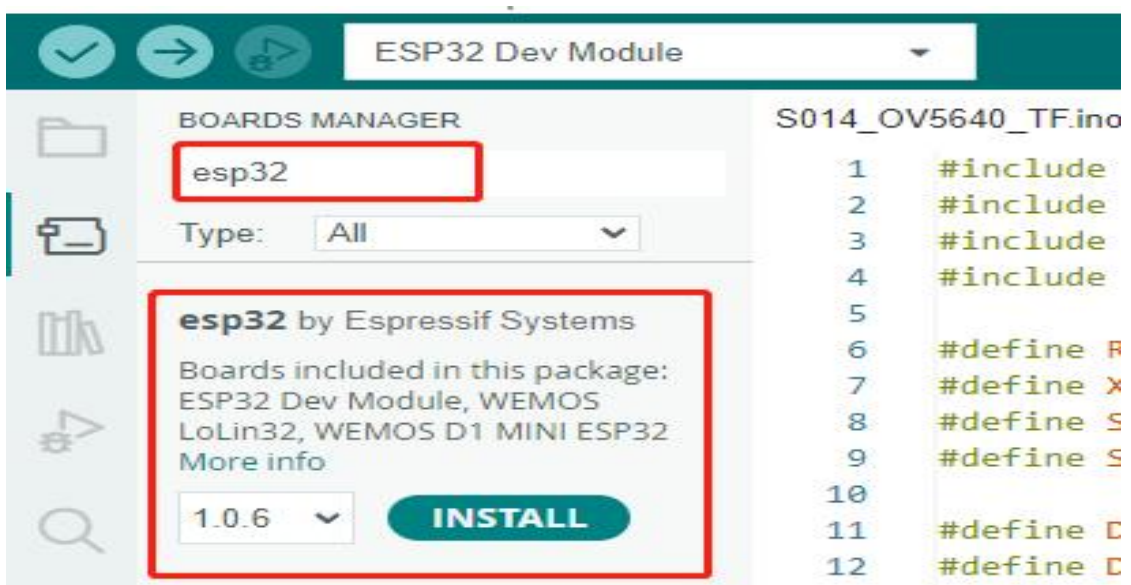
https://dl.espressif.com/dl/package_esp32_index.json



Open, according to the steps in Fig **Boards Manager**.

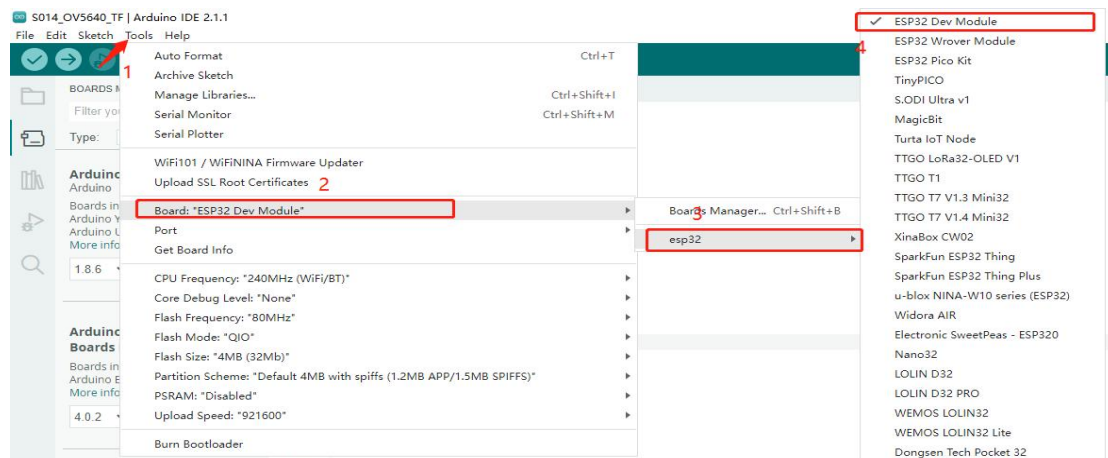


Enter **esp32** in the position in the figure to find the **esp32 by Espressif Systems** installation

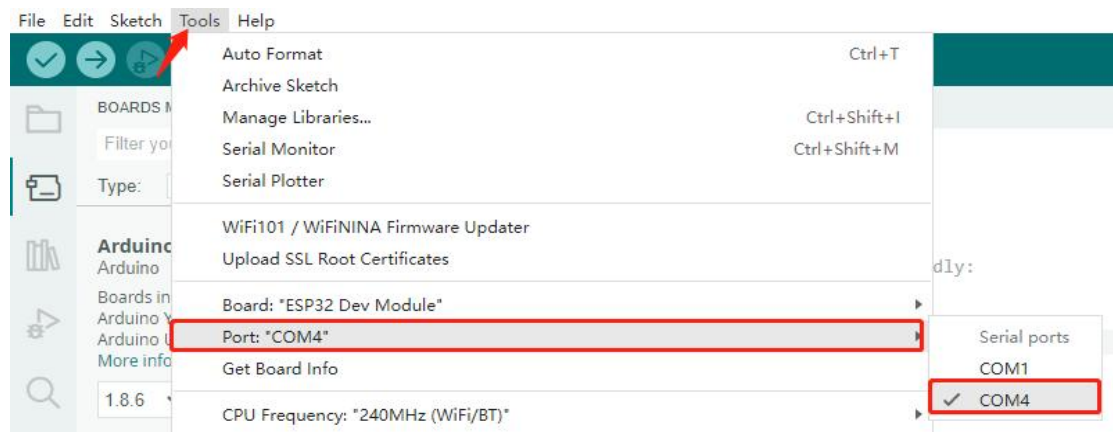


Run the Hello Arduino sample

After connecting the ESP32 to the computer, select the Development Version
ESP32 Dev Module



Select the correct port (port number is related to your computer)



Enter the Hello Arduino code manually

```
1 void setup() {  
2   // put your setup code here, to run once:  
3   Serial.begin(115200);  
4 }  
5 void loop() {  
6   // put your main code here, to run repeatedly:  
7   Serial.println("Hello Arduino.");  
8   delay(1000);  
9 }
```

Click the upload button



After uploading successfully, open the serial **port monitoring**, you can view the Hello Arduino

