

I. Notebook Preparations

You need to bring a notebook to the workshop with at least one free USB port.

On the notebook software needs to be installed. The software needs to be downloaded. We kindly ask you to do the necessary preparation at home. Doing all these downloads at the meeting venue will take too much time.

A. Step 1 – Install Arduino IDE

If you do not have a recent version of the Arduino IDE on your laptop, please install the latest stable version. Currently 1.8.8 is the version to use. Go to <https://www.arduino.cc/en/main/software> and download the installer matching your operating system.

Download the Arduino IDE

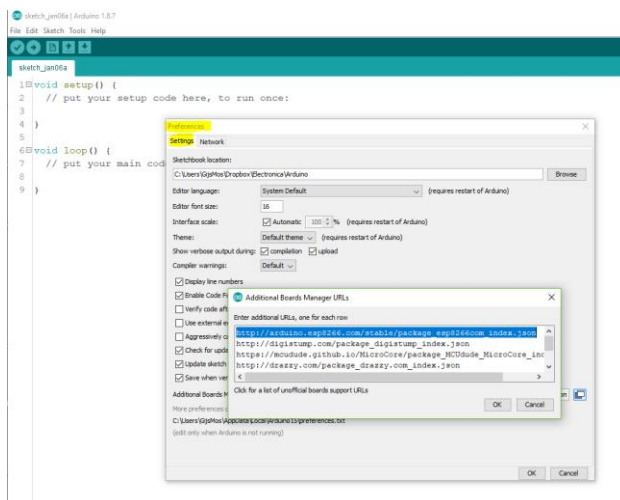


Then complete the install.

B. Step 2 – Add the ESP826X tools to Arduino IDE.

In your Arduino IDE go to “File->Preferences”.

Open the Additional Boards Manager. There is a little icon at the right close to the bottom.



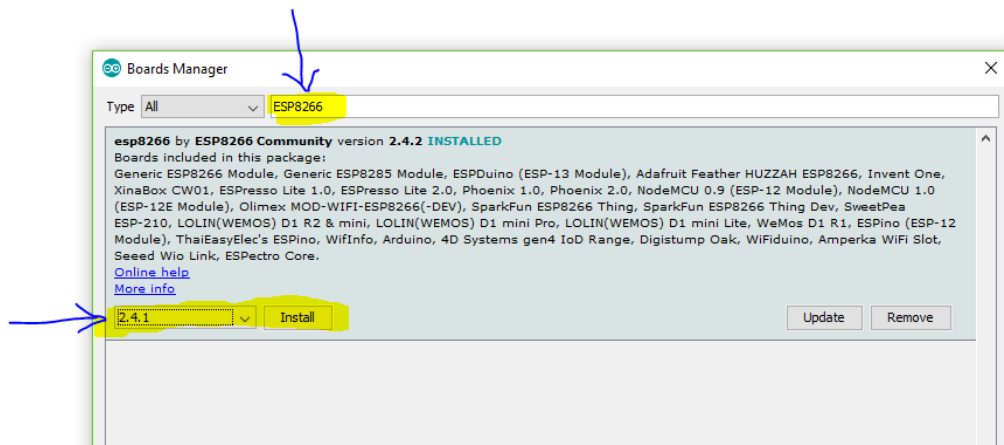
Check that http://arduino.esp8266.com/stable/package_esp8266com_index.json is in the list. If not present, please add it, and press OK twice to close the dialogs.

C. Step 3 – Install ESP8266 tools; check the right version

Start the board manager in “Tool->Board xxxx->Board Manager”. You will get:



And then enter ESP8266 into the search box.



Install version 2.4.1. Do not take one of the later beta versions. They will not yet work with the library we need. If you already have this version, nothing to do. And should you have an earlier version, please upgrade to 2.4.1.