

This document provides instructions for installing Arduino on your system and the necessary ESP8266 (NodeMCU) library.

Step 1:

Download and install Arduino IDE from the following

link, https://downloads.arduino.cc/arduino-ide/arduino-ide_2.0.4_Windows_64bit.msi

Or

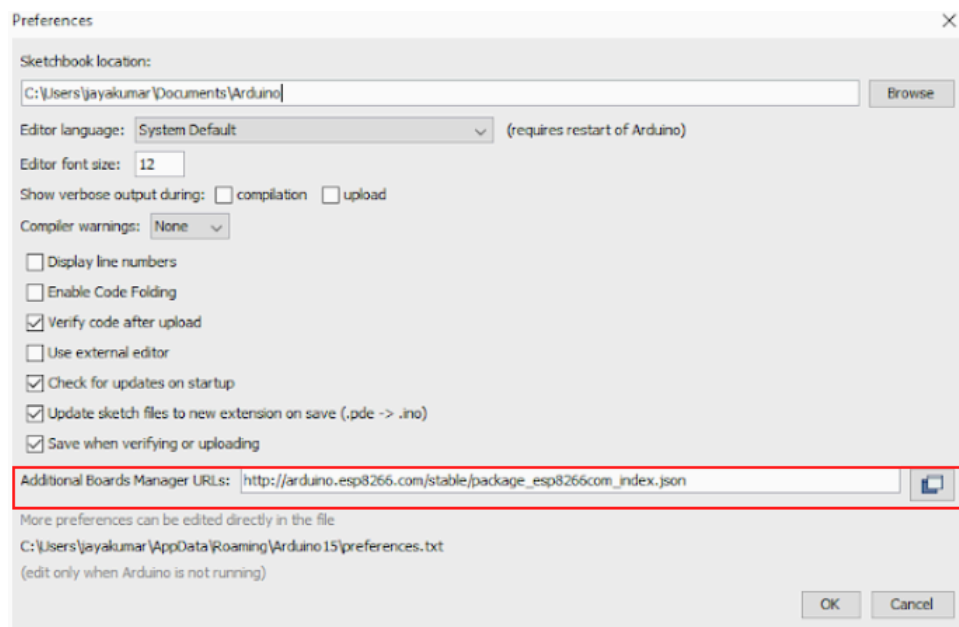
If you are already installed, then open your Arduino IDE.

Step 2:

We will be using the NodeMCU, so it's essential to install the NodeMCU board in the Arduino IDE. Follow these steps:

1. Open the Arduino IDE and navigate to "Files."
2. Click on "Preferences" in the Arduino IDE.
3. Copy and paste the code below into the "Additional Boards Manager" section.

http://arduino.esp8266.com/stable/package_esp8266com_index.json

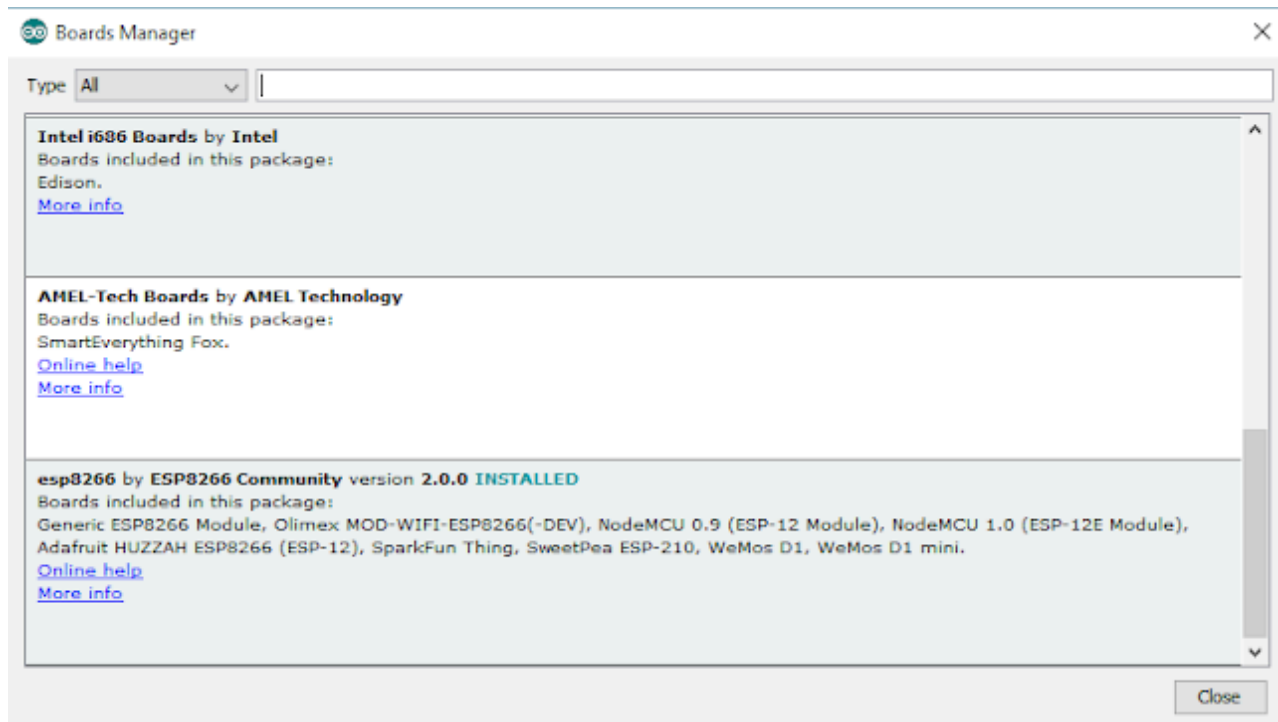


click OK to close the preference Tab.

Step 3

Once you have completed the previous steps, proceed as follows:

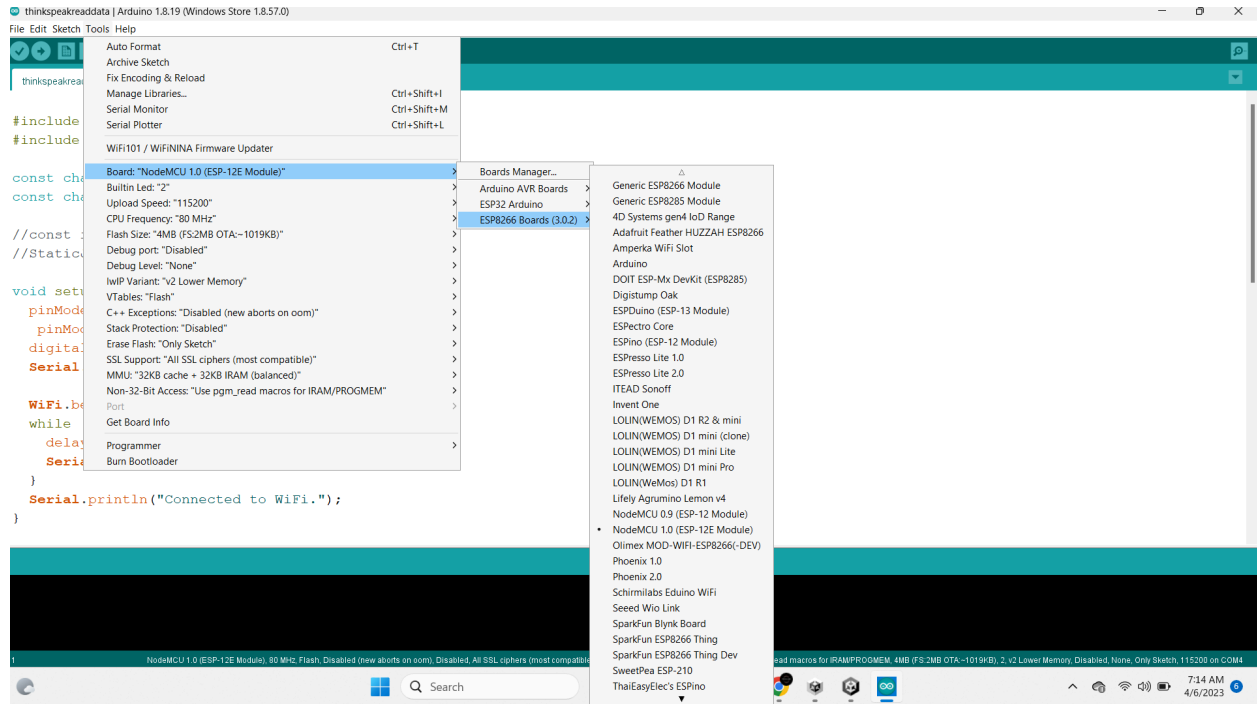
1. Navigate to "Tools" and select "Board Manager."
2. In the Board Manager, search for "esp8266" and locate the package provided by the esp8266 community.
3. Install the software for Arduino by selecting the appropriate package.



Now our IDE is ready for the NodeMCU Development.

Step 4

Navigate to the "Tools" menu and choose "NodeMCU 1.0 (ESP-12E Module)" from the list of Esp8266 Boards.



Install the following Drivers

<https://drive.google.com/file/d/1sX0-V9z3NZIEby6NJrS0AWMaCyZMch4D/view?usp=sharing>

<https://drive.google.com/file/d/111IjaPhbCdKH254z9xyOOiZQGpHSUatn/view?usp=sharing>