

Getting Started

From D1 -- Arduino WiFi Board | wemos.cc

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Before USE D1

You need setup ch340g(USB to UART IC) driver, if you first use it.

Windows

Download driver from: win32/64 (http://66.175.219.73/downloads/ch340/CH341SER_WIN66972.EXE)

Mac OS

- Download driver form: Mac (http://www.wemos.cc/wiki/uploads/Tutorial/ch341ser_mac_new.zip)
- Python 2.7 (<https://www.python.org/downloads/>)
- pySerial `pip install pyserial`

Linux(Ubuntu)

- Not need setup any driver.
- Python 2.7 (<https://www.python.org/downloads/>)
- pySerial `pip install pyserial`

Install hardware package

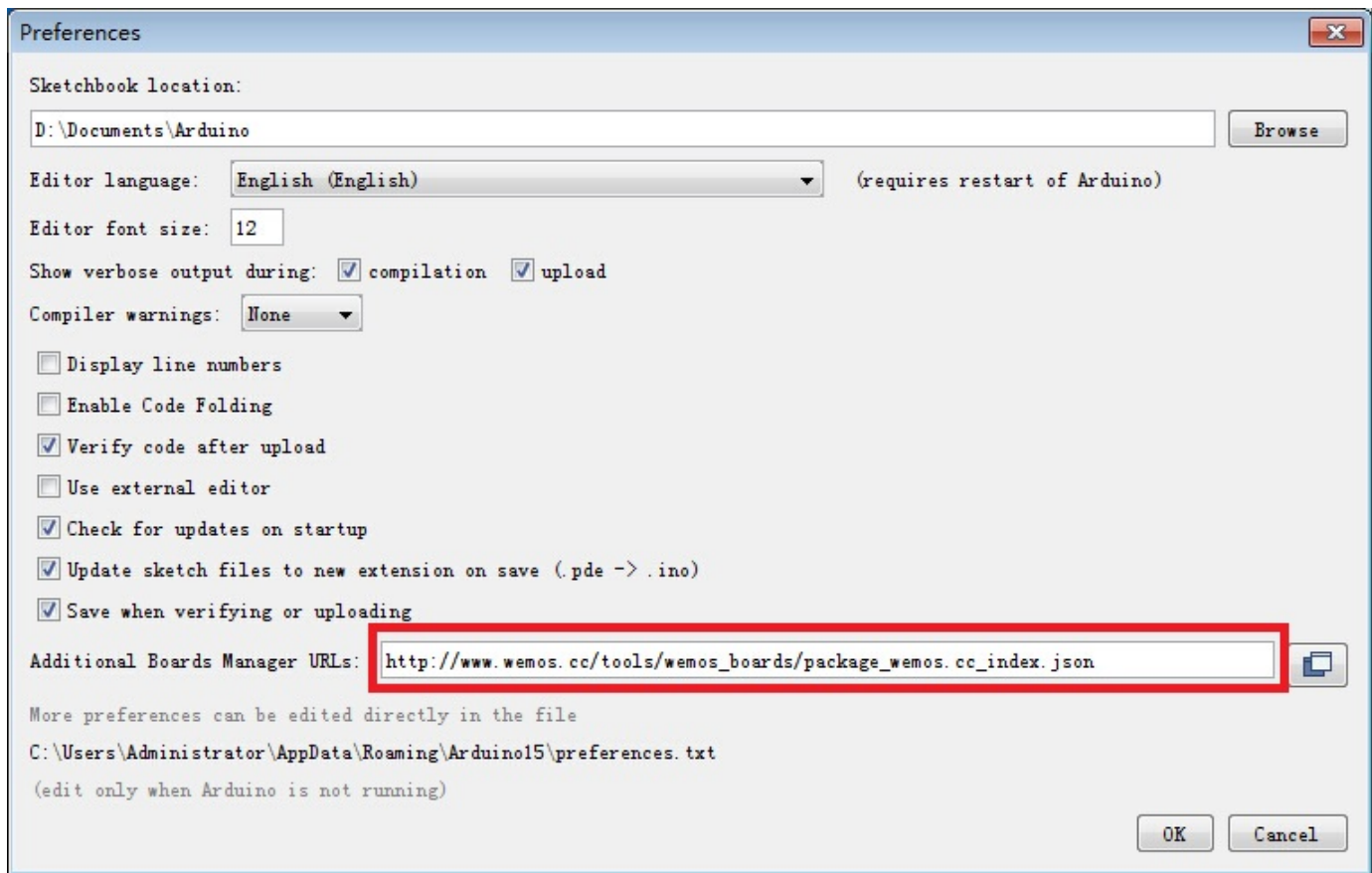
Installing with Boards Manager

Starting with 1.6.4, Arduino allows installation of third-party platform packages using Boards Manager. We have packages available for Windows, Mac OS, and Linux (32 and 64 bit).

Install Arduino 1.6.5 from the Arduino (<https://www.arduino.cc/en/Main/Software>) website.

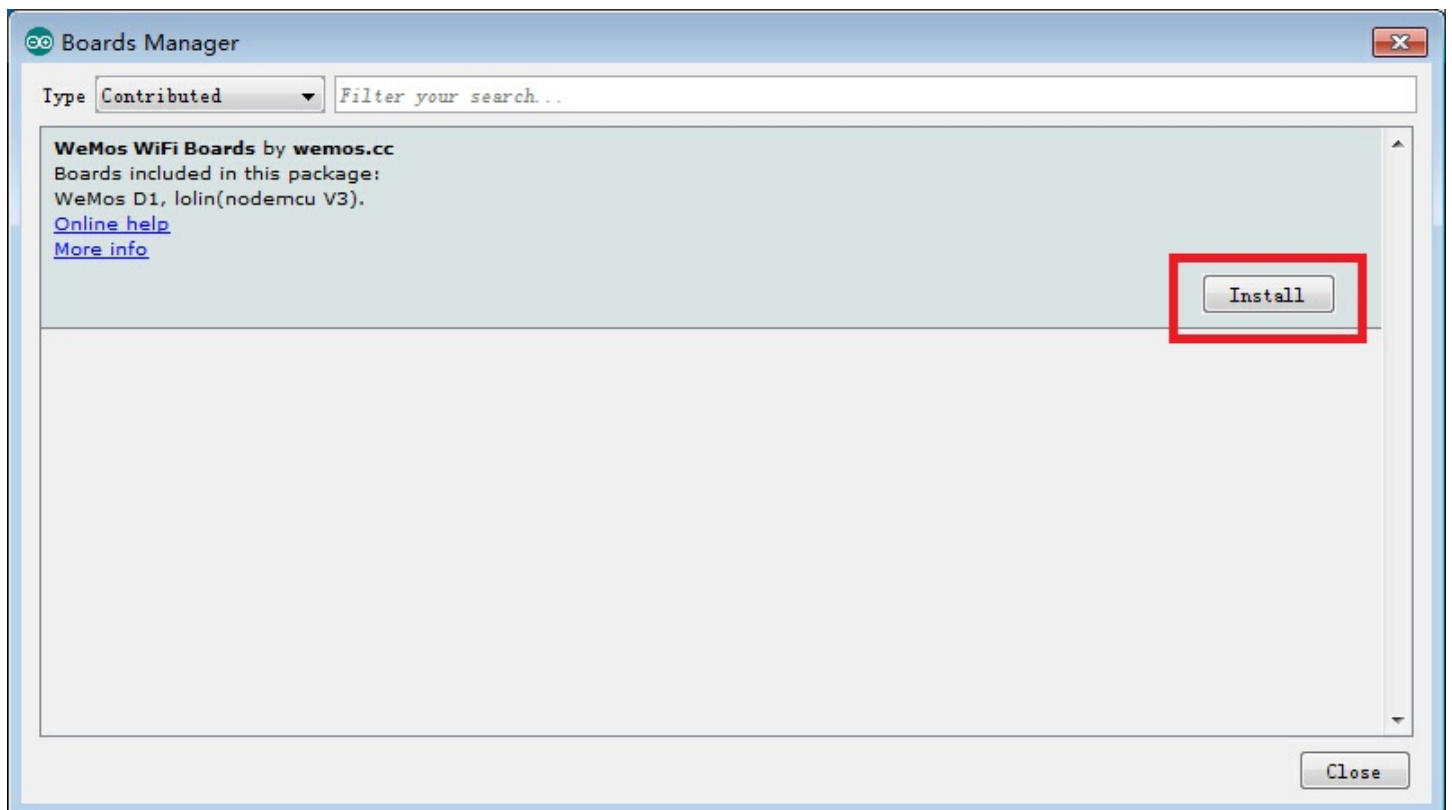
Start Arduino and open **Preferences** window.

Enter https://github.com/wemos/WeMos_Boards/raw/master/package_wemos.cc_index.json **into Additional Board Manager URLs field.**

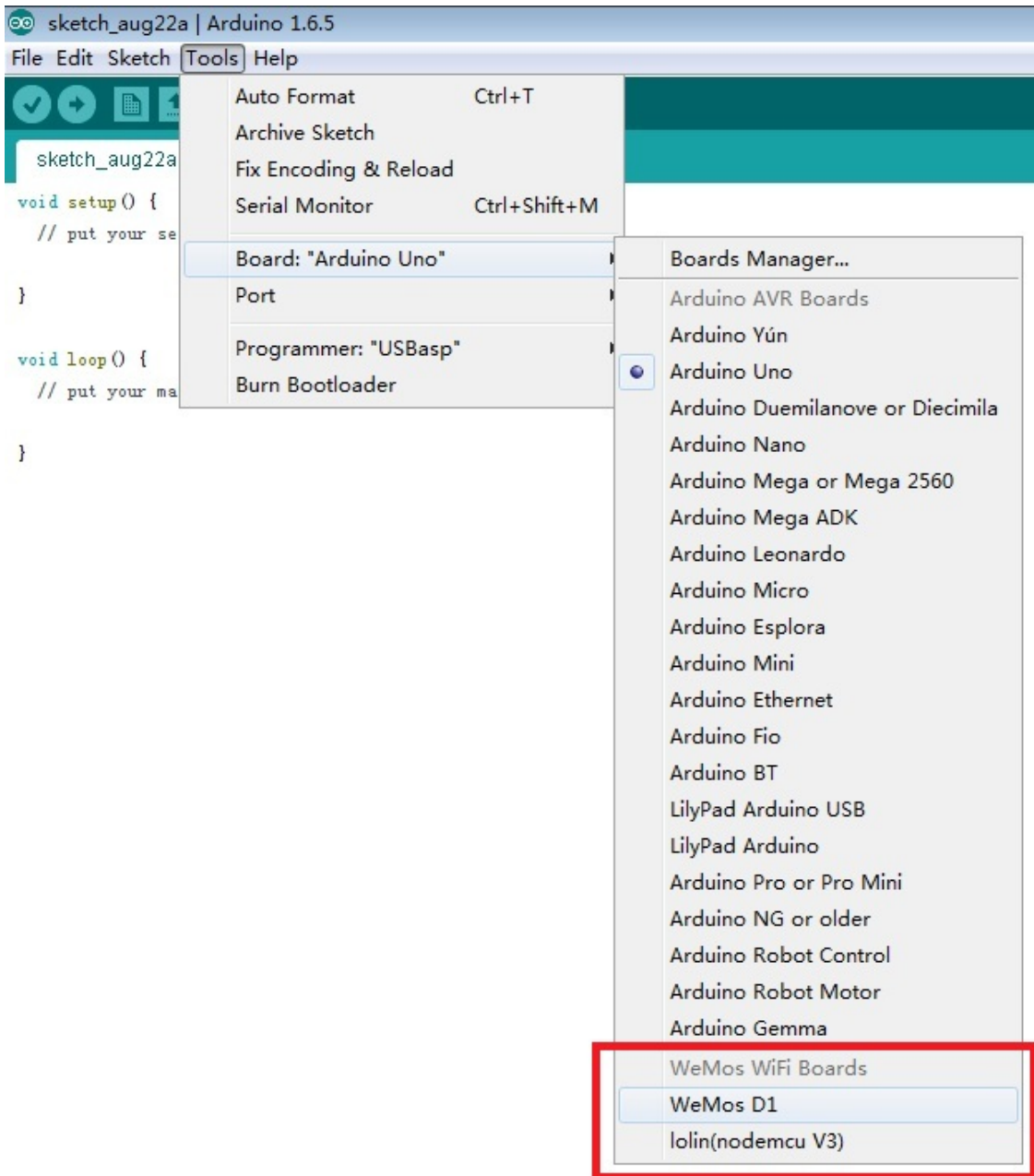


You can add multiple URLs, separating them with commas.

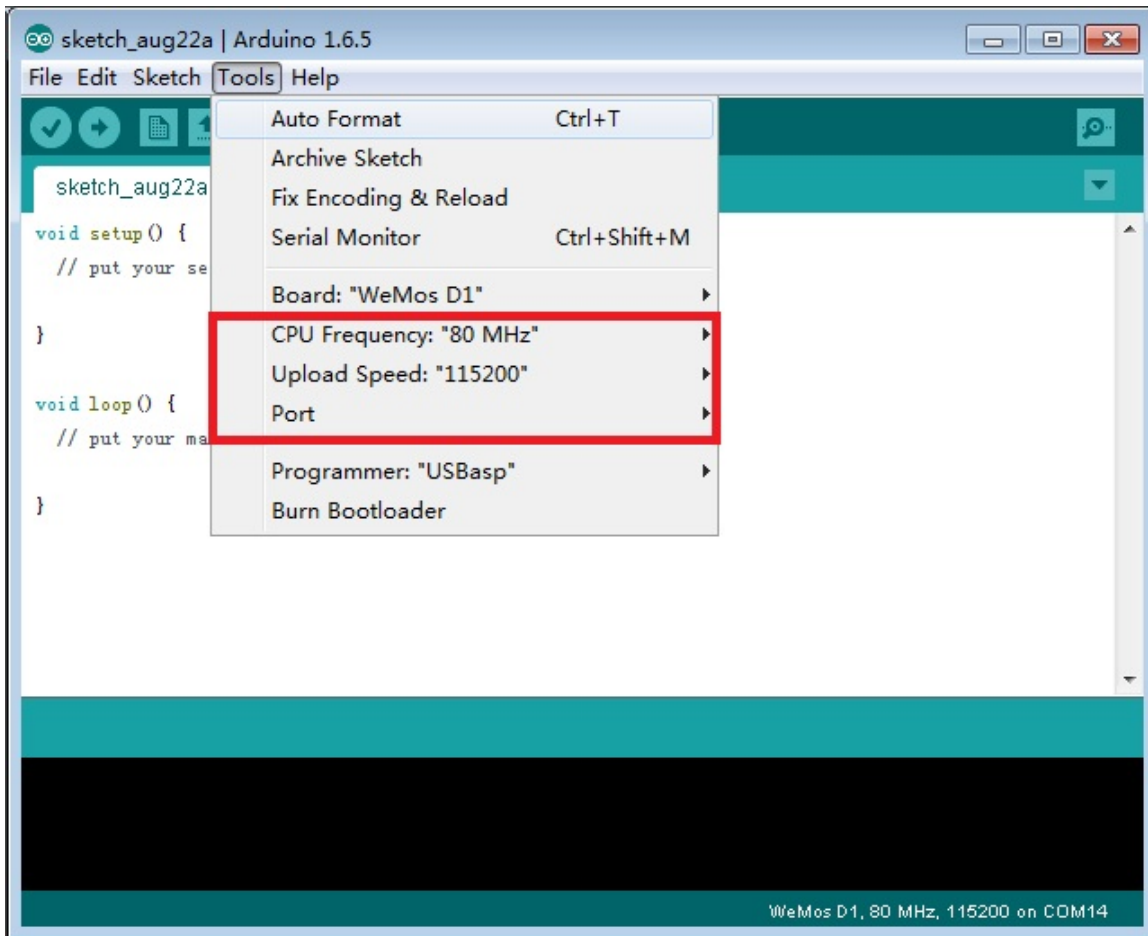
Open Boards Manager from Tools > Board menu and install hardware package.



After install, choose your boards.

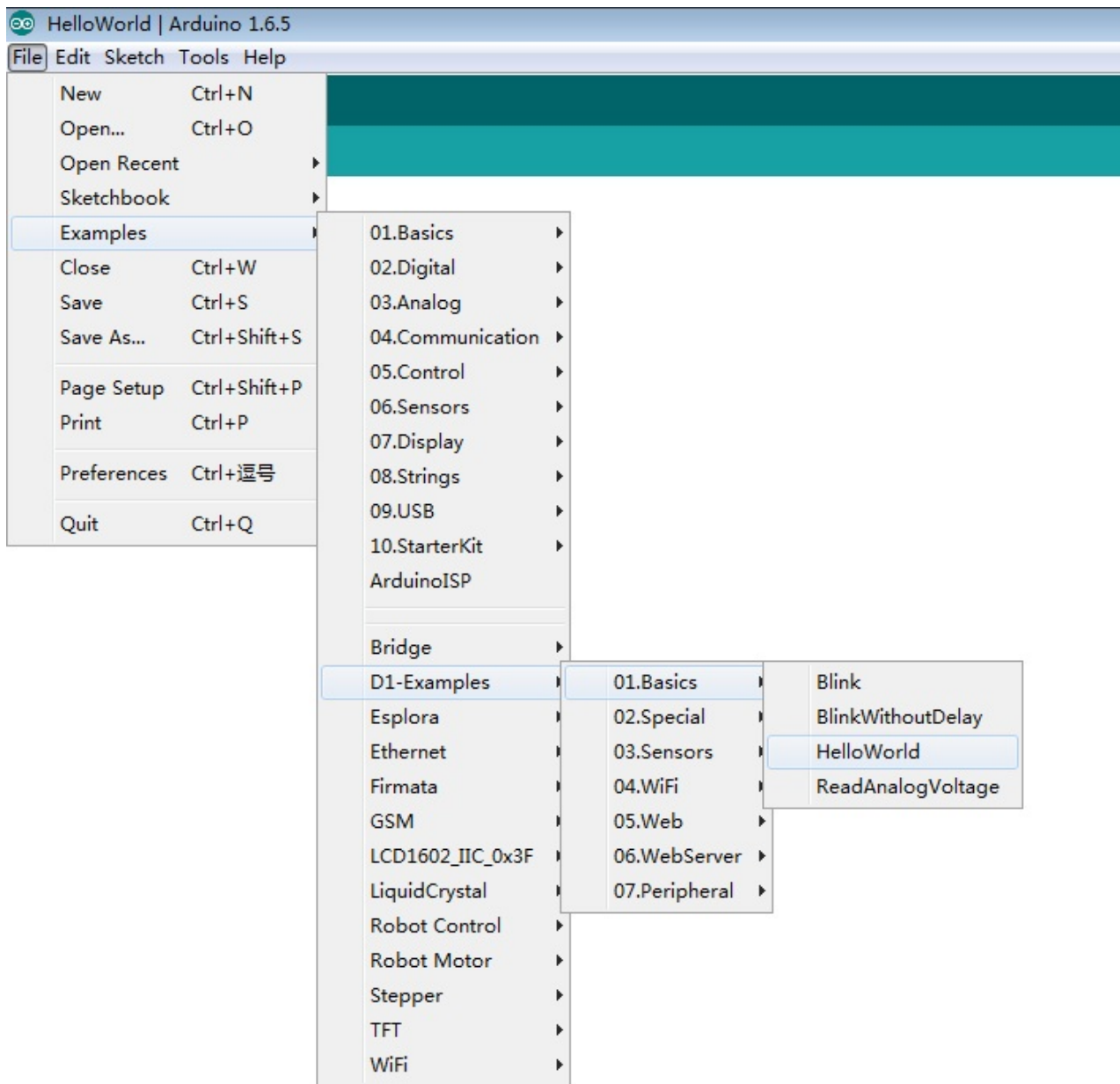


Config



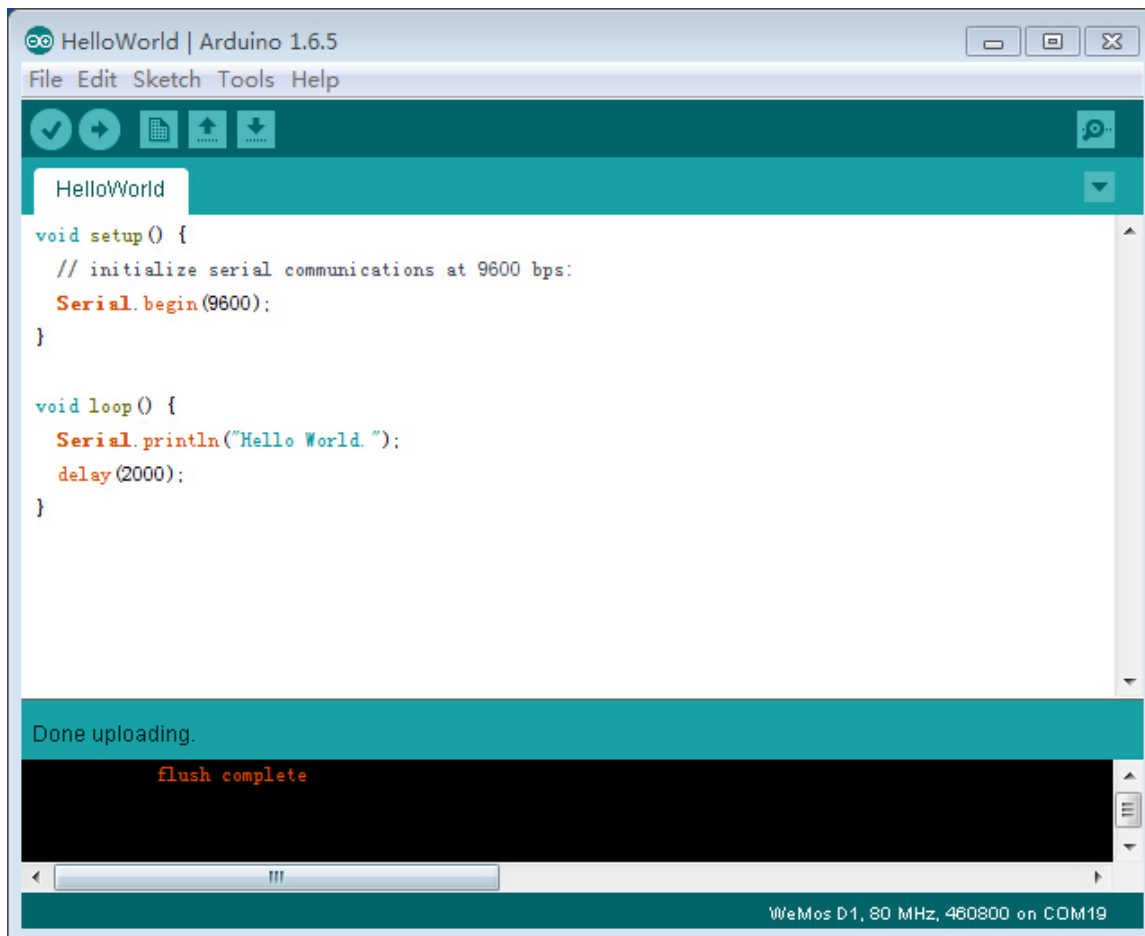
- **CPU Frequency**
 - 80Mhz
 - 160Mhz
- **Upload Speed**
 - The serial port's Baud Rate
- **Port**
 - Choose your board's serial port

hello world

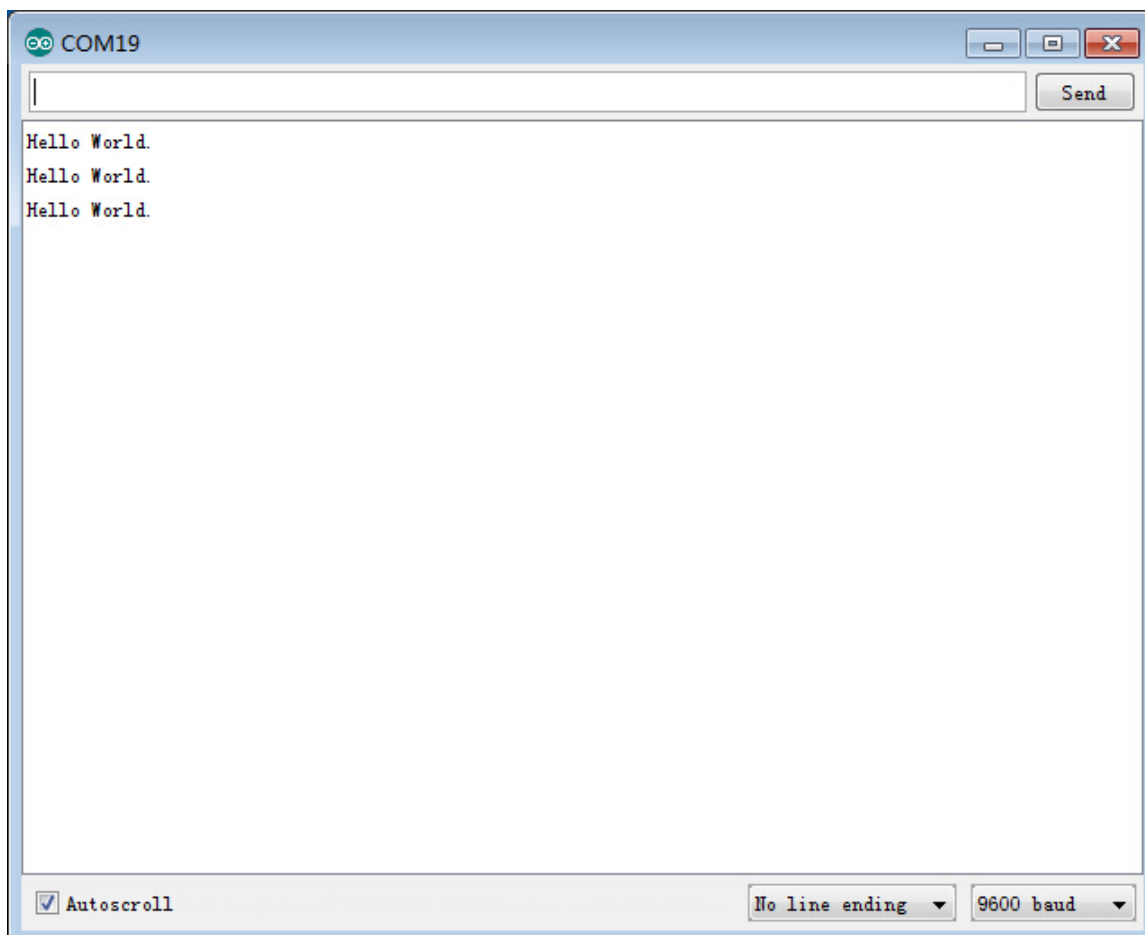


All examples are under **File->Examples->D1-Examples**

Choose HelloWorld for test.



After **Upload**, open **Serial Monitor**



Upgrade Hardware Package

The Hardware Package will continuously updated, you can upgrade Hardware Package, just open **Boards Manager** and Install again.

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