

# 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](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](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

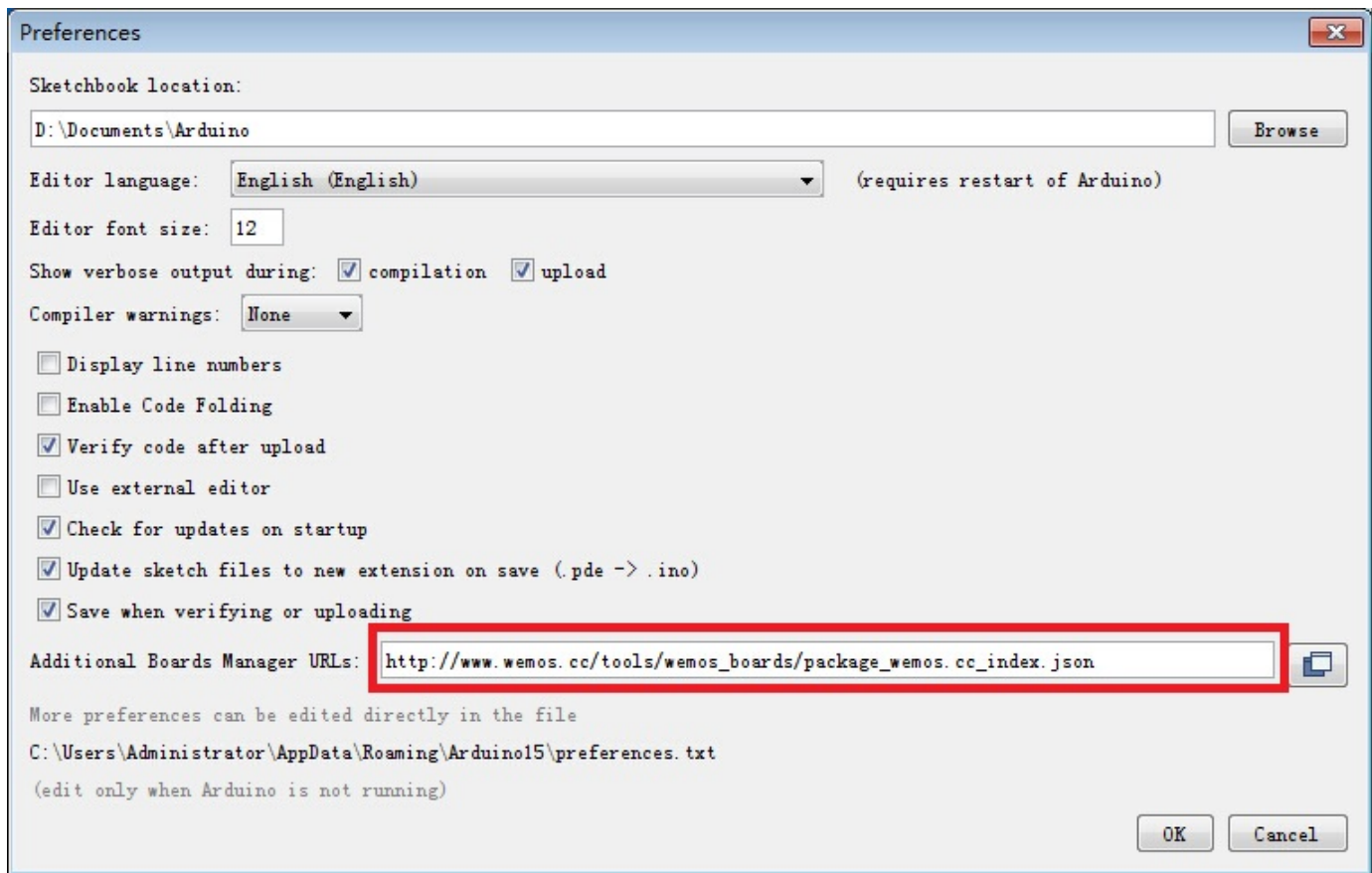
### Installing with Boards Manager

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.

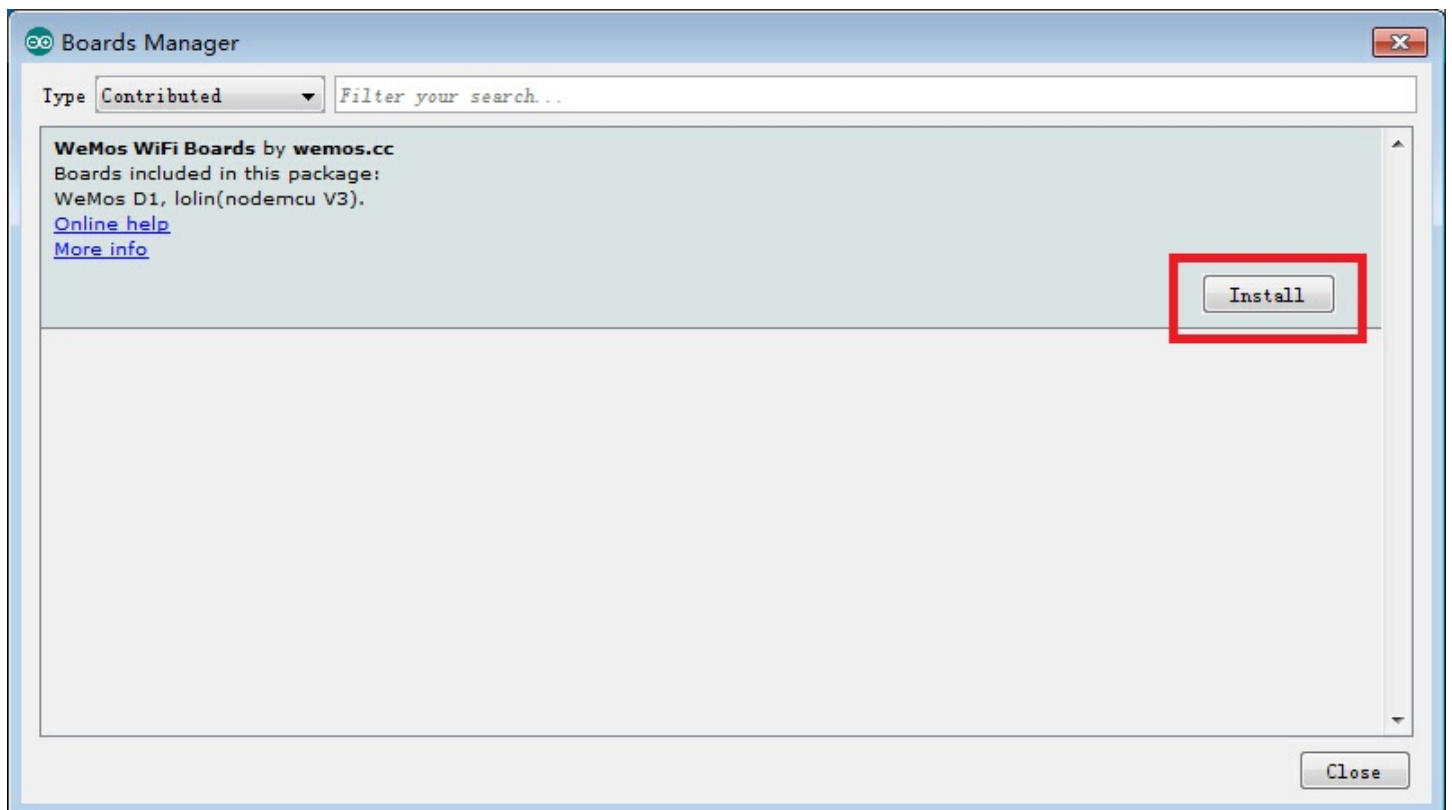
Start Arduino and open **Preferences** window.

**Enter** [https://github.com/wemos/WeMos\\_Boards/raw/master/package\\_wemos.cc\\_index.json](https://github.com/wemos/WeMos_Boards/raw/master/package_wemos.cc_index.json) **into Additional Board Manager URLs field.**

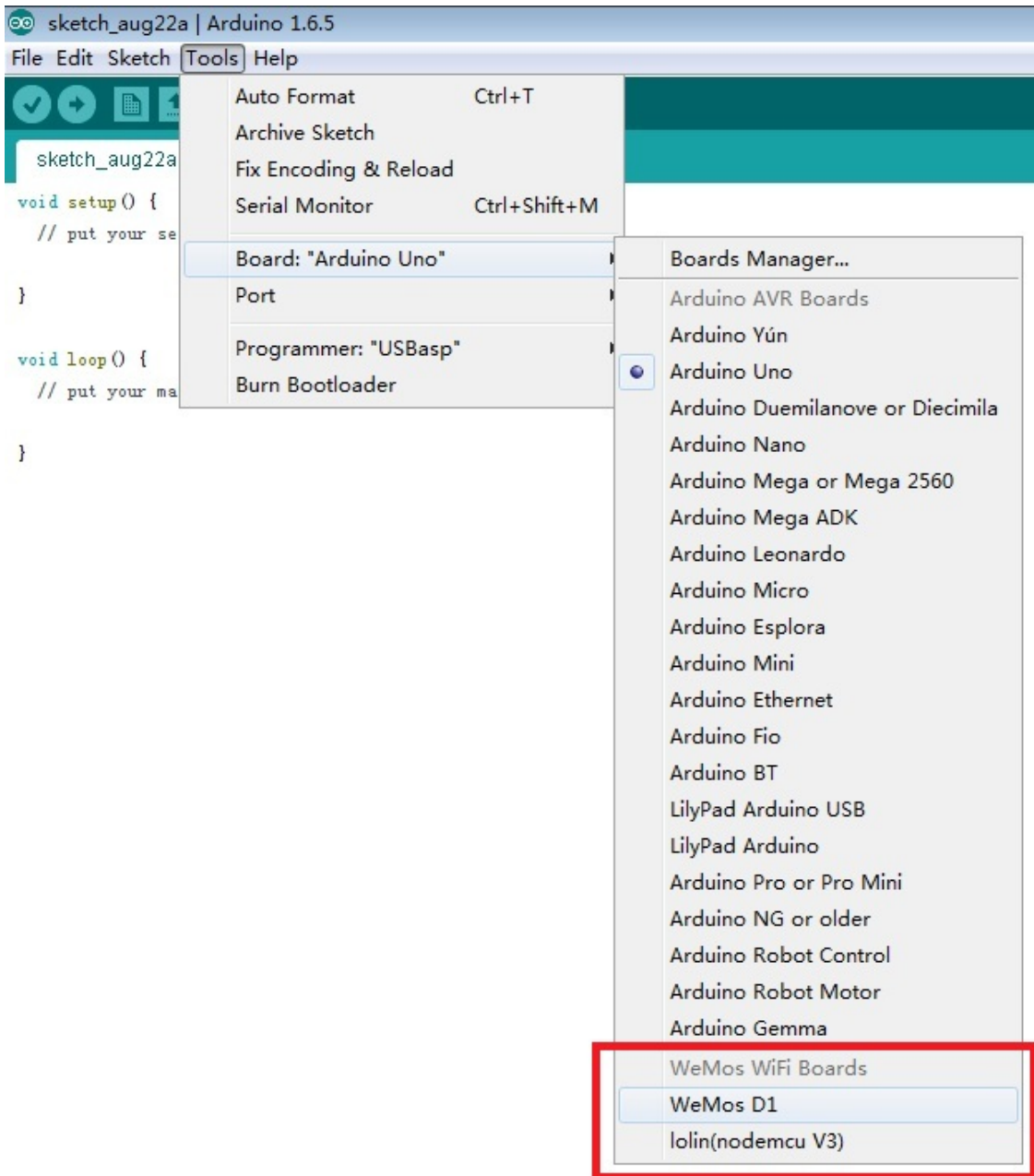


You can add multiple URLs, separating them with commas.

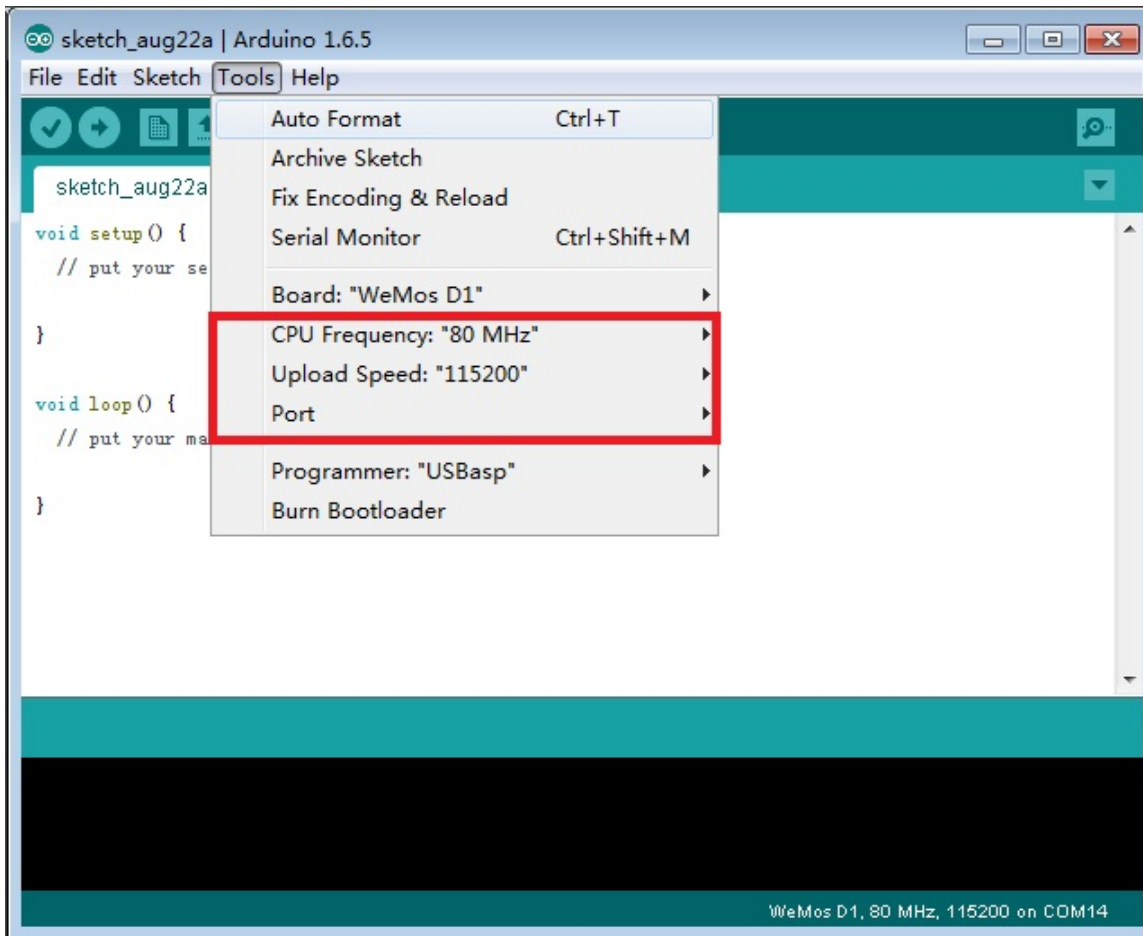
**Open Boards Manager from Tools > Board menu and install hardware package.**



**After install, choose your boards.**

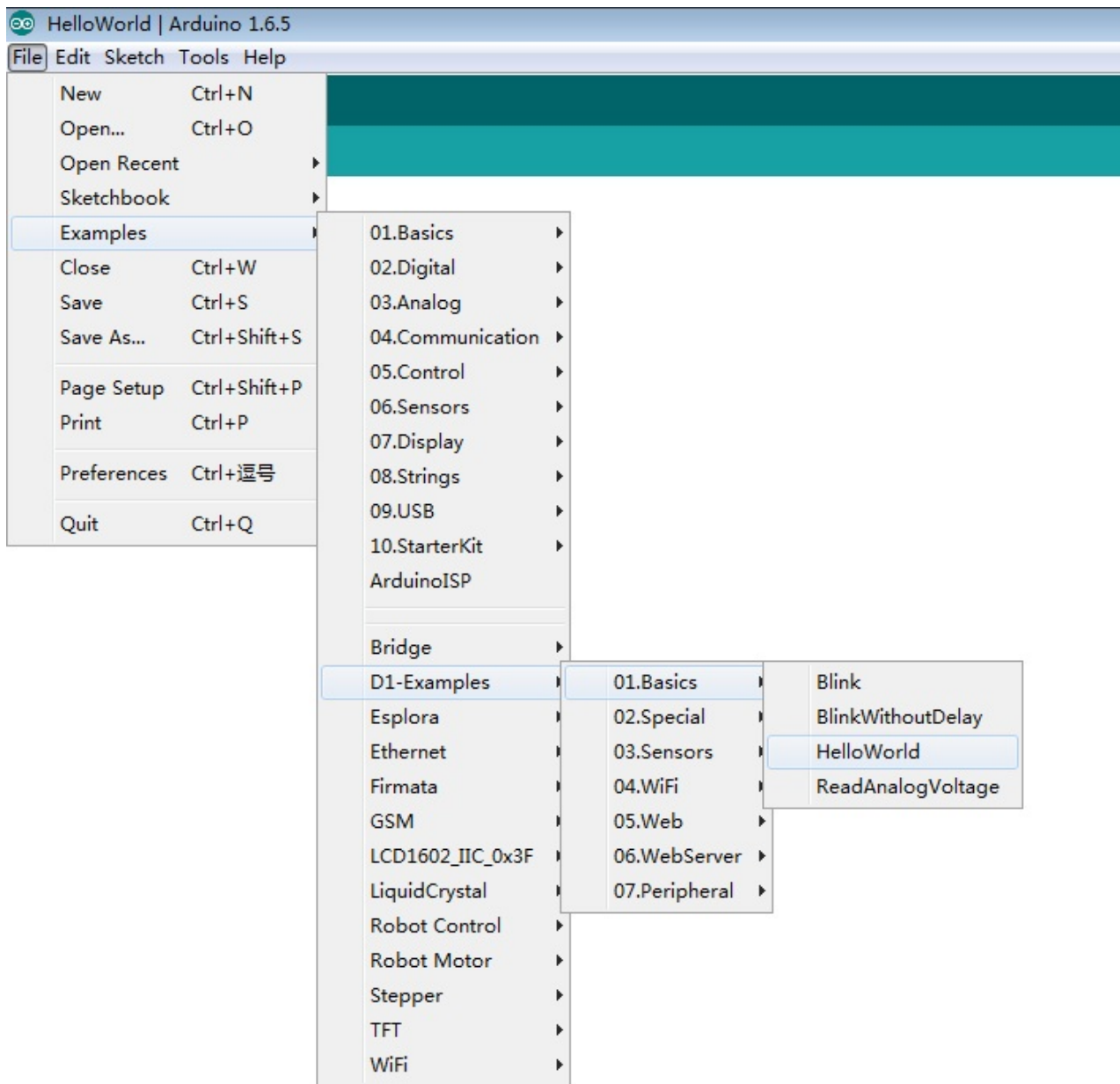


## Config



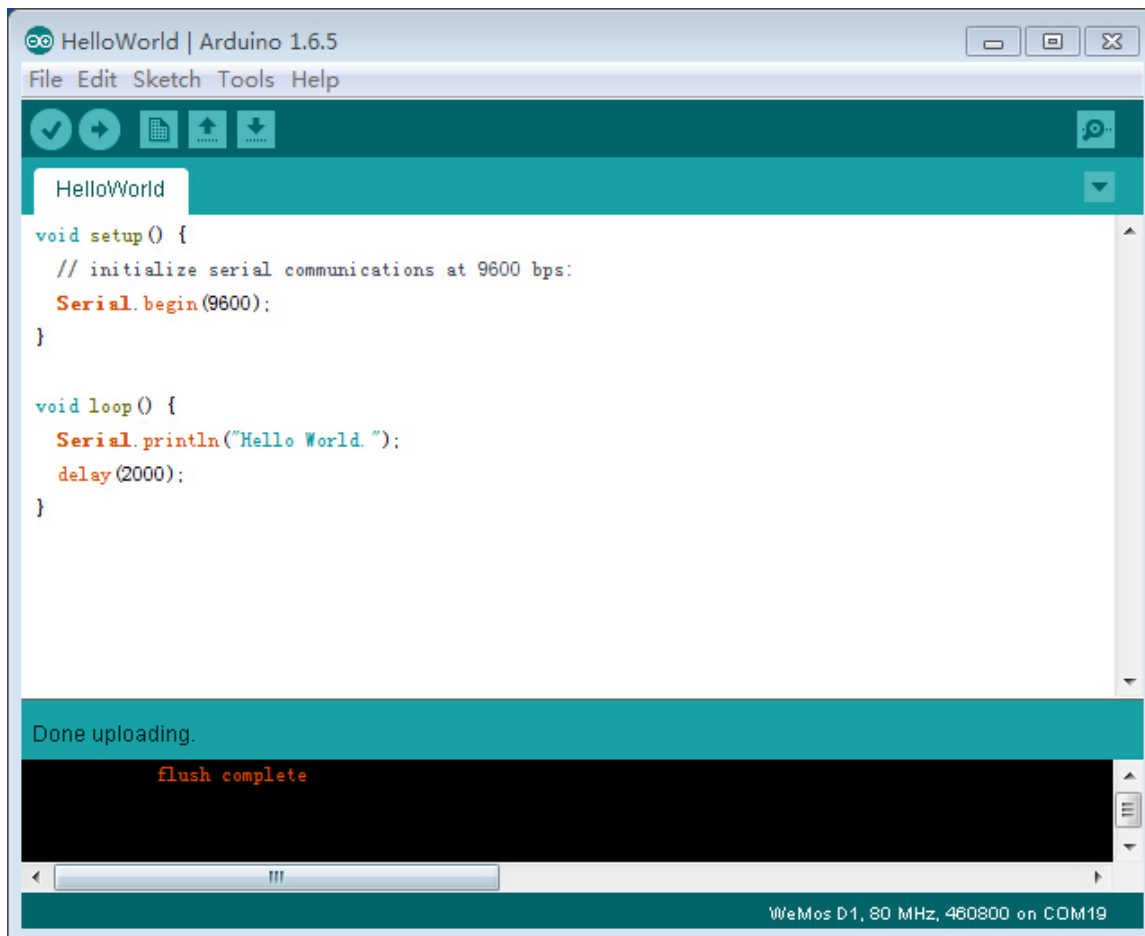
- **CPU Frequency**
  - 80Mhz
  - 160Mhz
- **Upload Speed**
  - The serial port's Baud Rate
- **Port**
  - Choose your board's serial port

## hello world

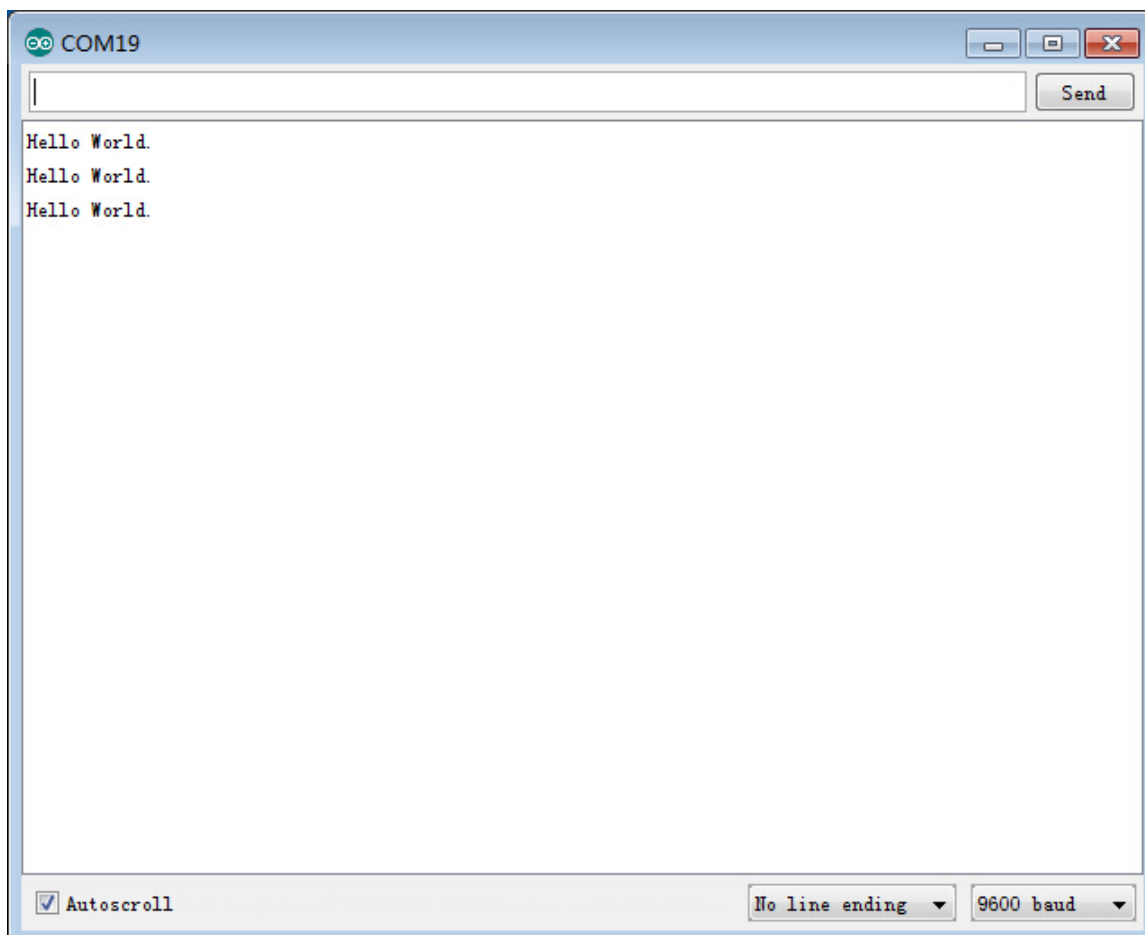


All examples are under **File->Examples->D1-Examples**

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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