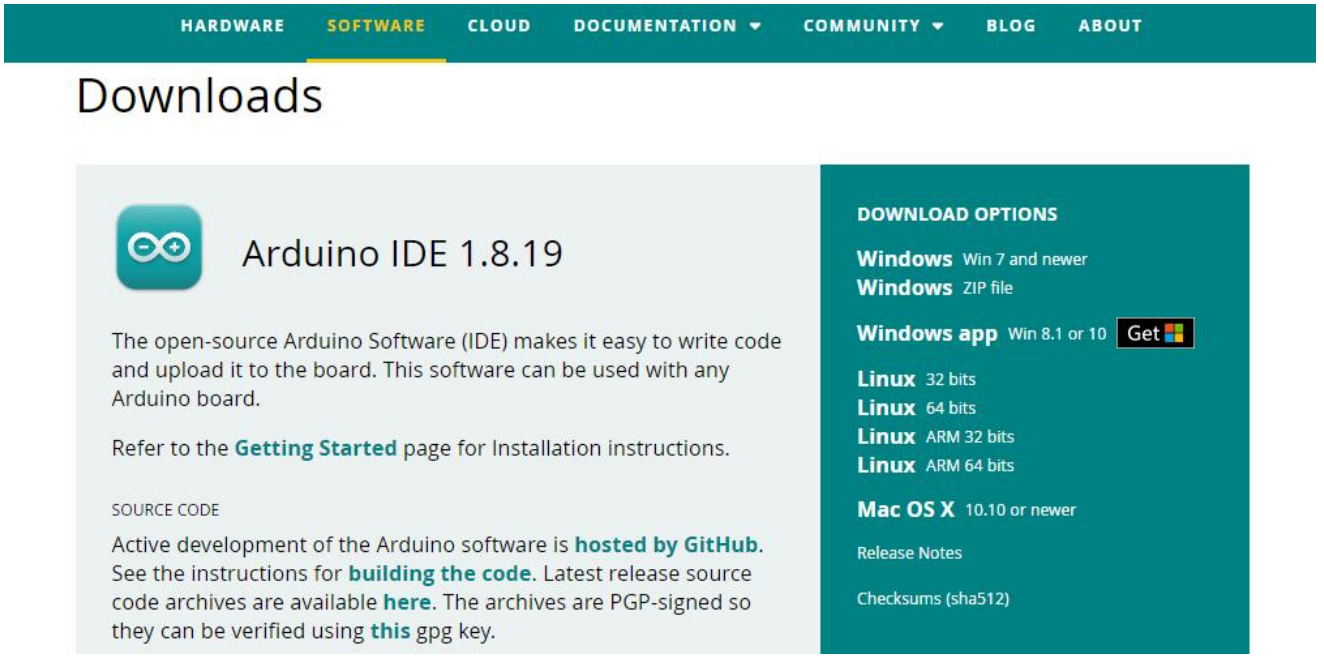
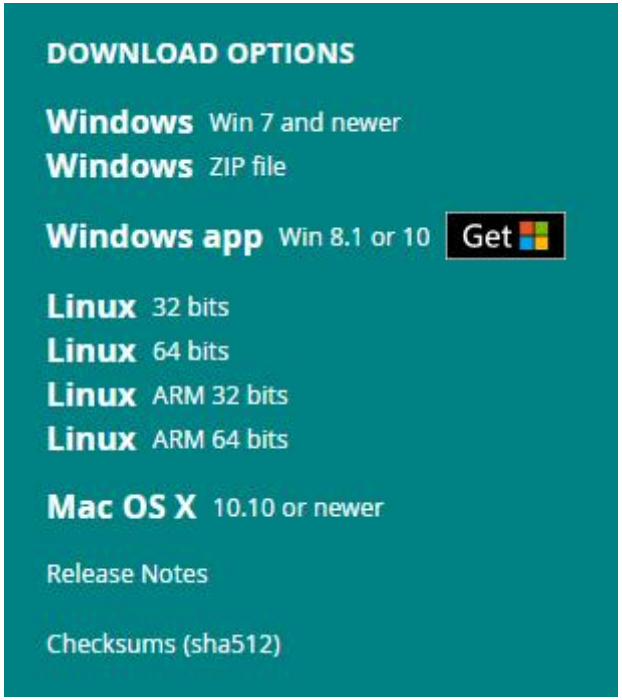
Install the Arduino IDE

CTRL + mouse click on the link (or copy the link to the browser) https://www.arduino.cc/en/software to jump to the webpage, and find the location as shown below:



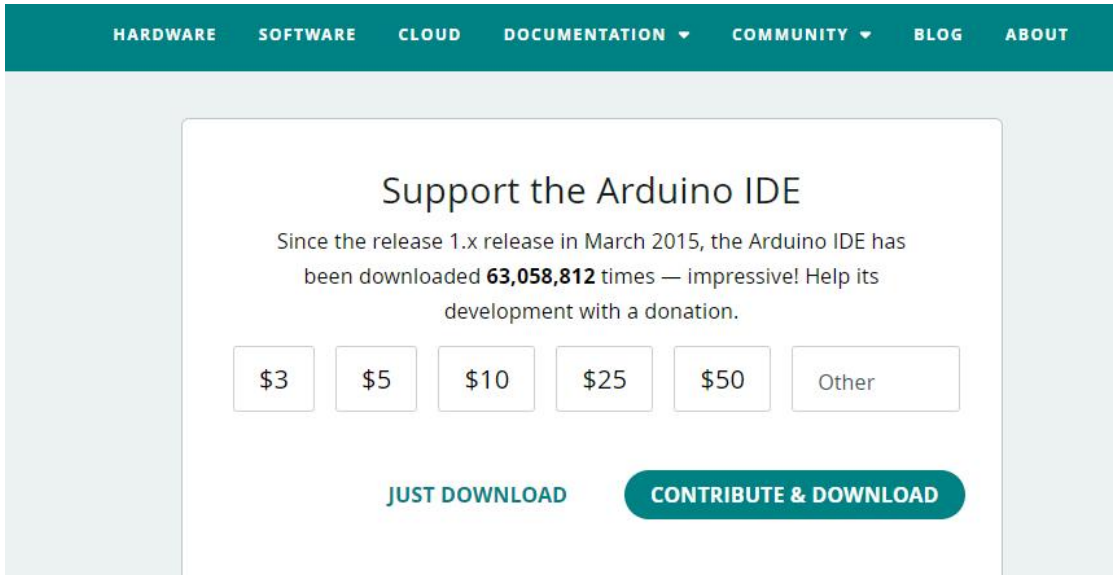
(There may be a newer version on the site when you see this tutorial!)

Download the development software compatible with your computer system, here we take Windows as an example.



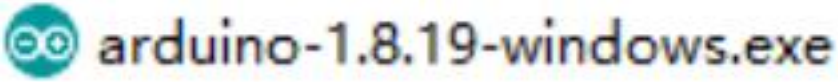
You can choose between an installer (.exe) and a Zip package. We recommend that you use the first "Windows Win7 and newer" to directly install everything you need to use the Arduino software (IDE), including drivers.

Click on "Windows Win7 and newer"

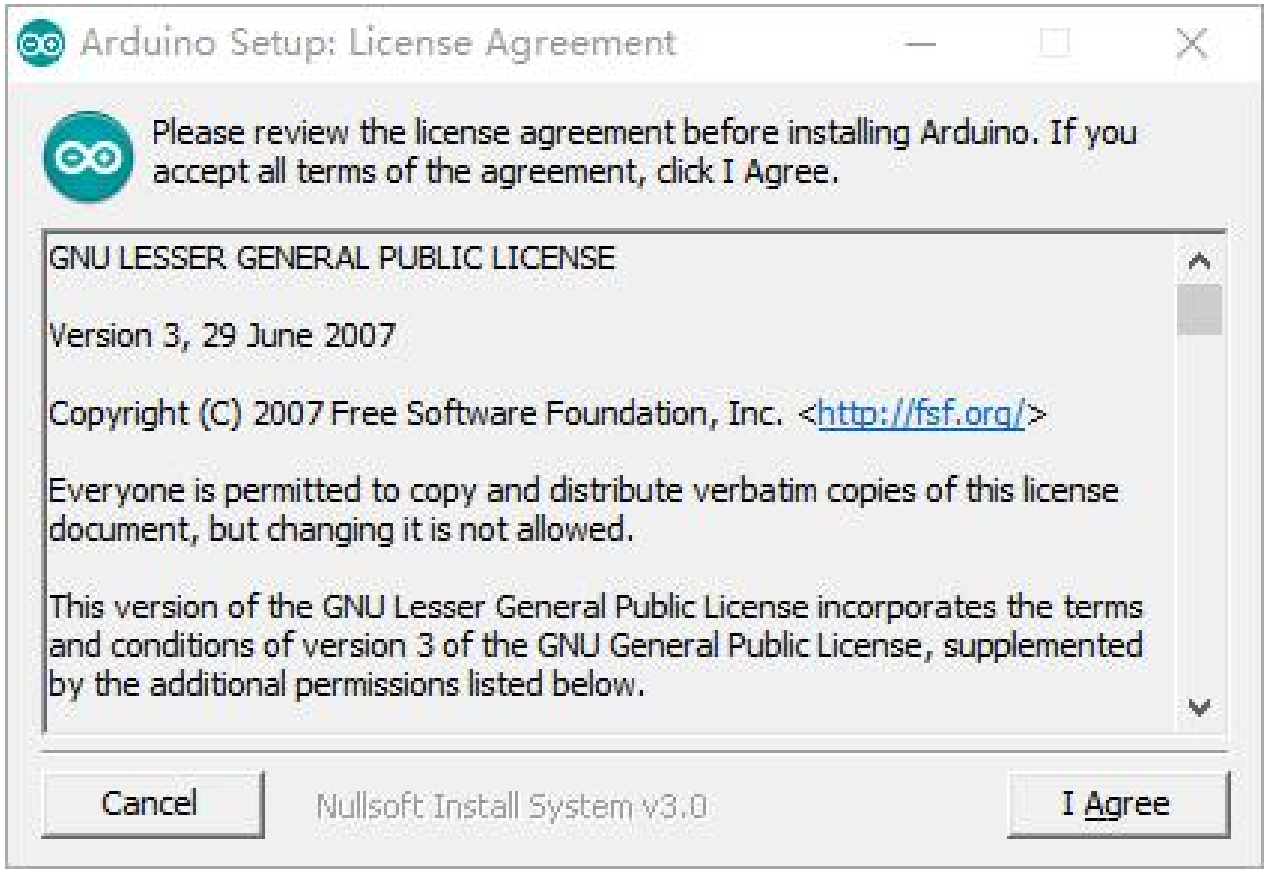


Click on "JUST DOWNLOAD".

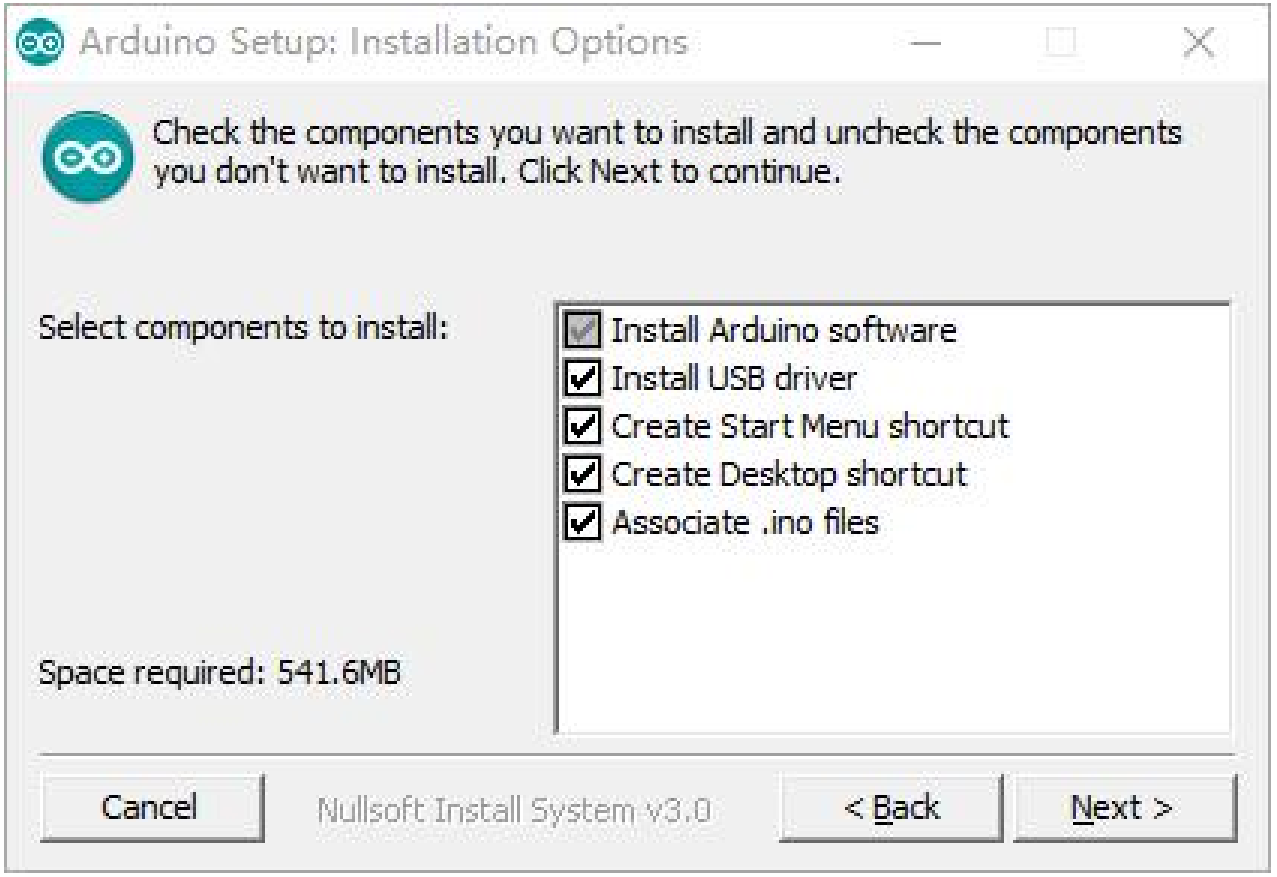
After the download is complete, the installation package file with the "exe" suffix will be obtained



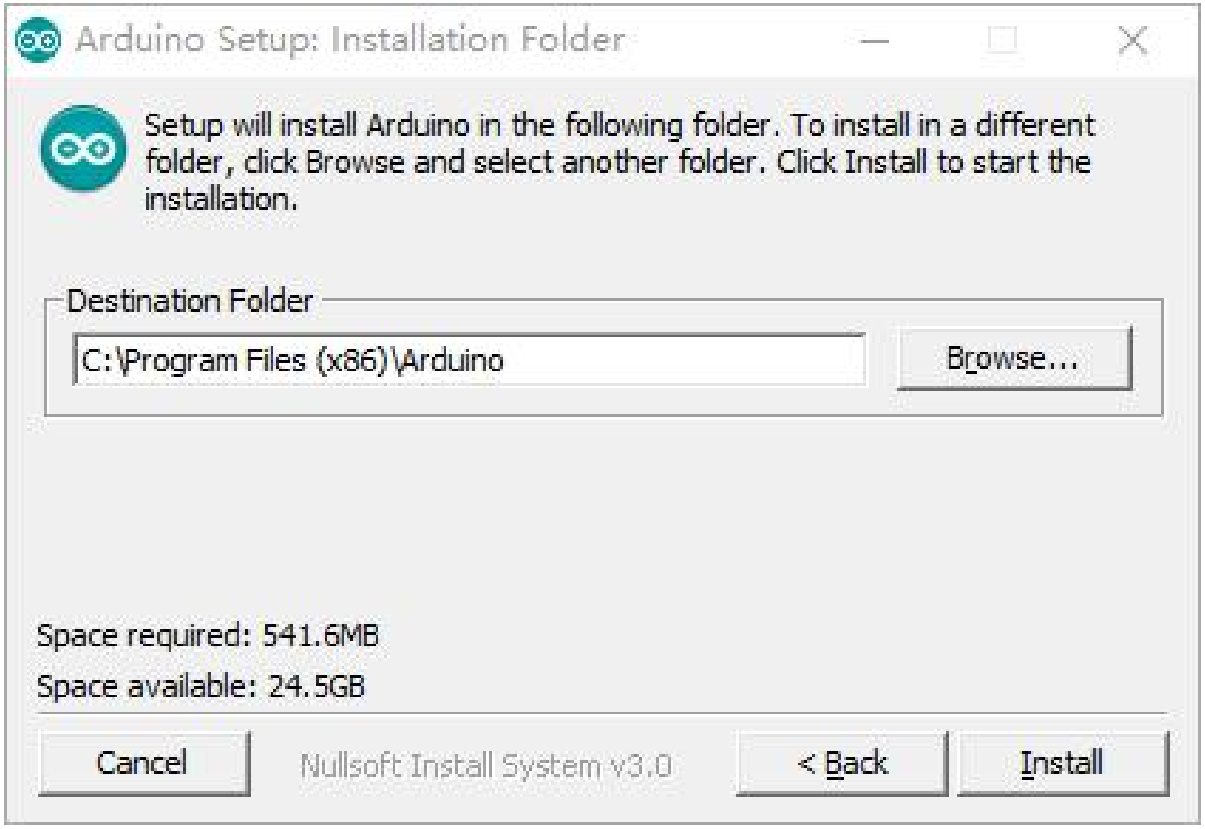
Double click to run the installer



Click "I Agree" to see the following interface


Arduino Setup: Installation Options
Check the components you want to install and uncheck the components you don't want to install. Click Next to continue.
Select components to install:
Install Arduino software
Install USB driver
Create Start Menu shortcut
Create Desktop shortcut
Associate .ino files
Space required: 541.6MB
Cancel
Nullsoft Install System v3.0
< Back
Next >

Click "Next"



You can press "Browse..." to select the installation path or directly enter the directory you want. Then click "Install" to install. (For Windows users, the driver installation dialog may pop up during the installation process , when it pops up, please allow the installation)

After the installation is complete, an Arduino software shortcut will be generated on the desktop 

, double click to enter the Arduino software platform environment .

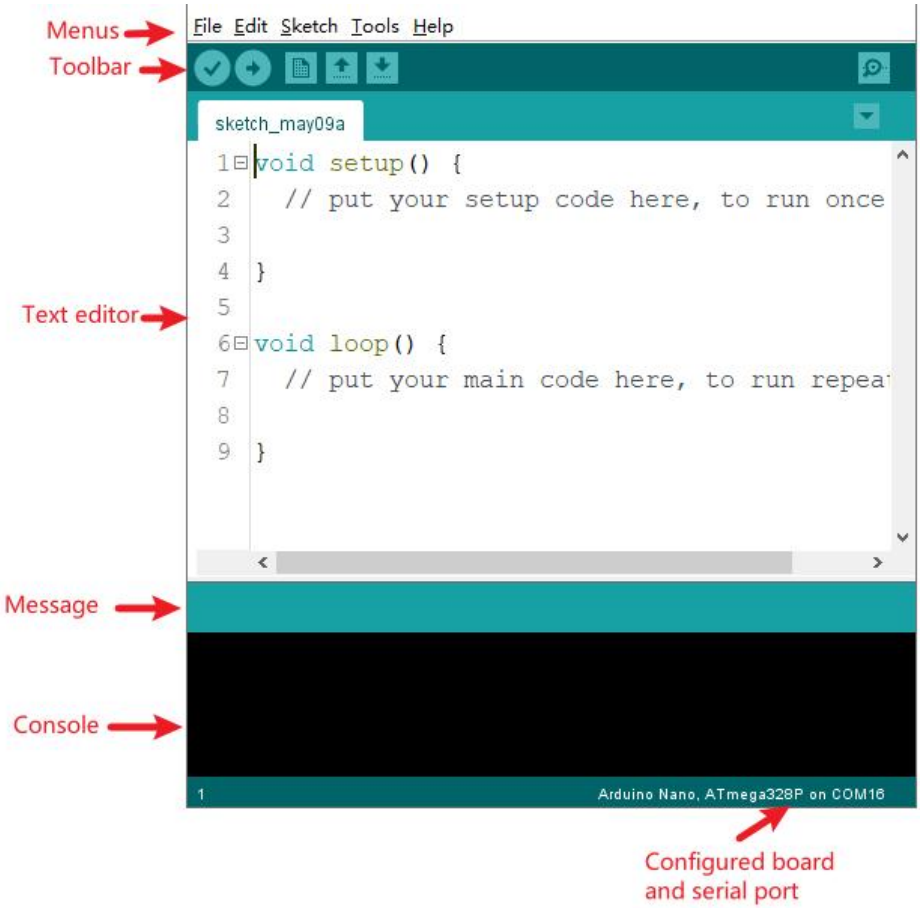
Install Arduino (Mac OS X)

Download and unzip the zip file, double-click Arduino.app to enter the Arduino IDE; if there is no Java runtime library in your computer, you will be asked to install it, after the installation is complete, you can run Arduino lDE.

Install Arduino (Linux)

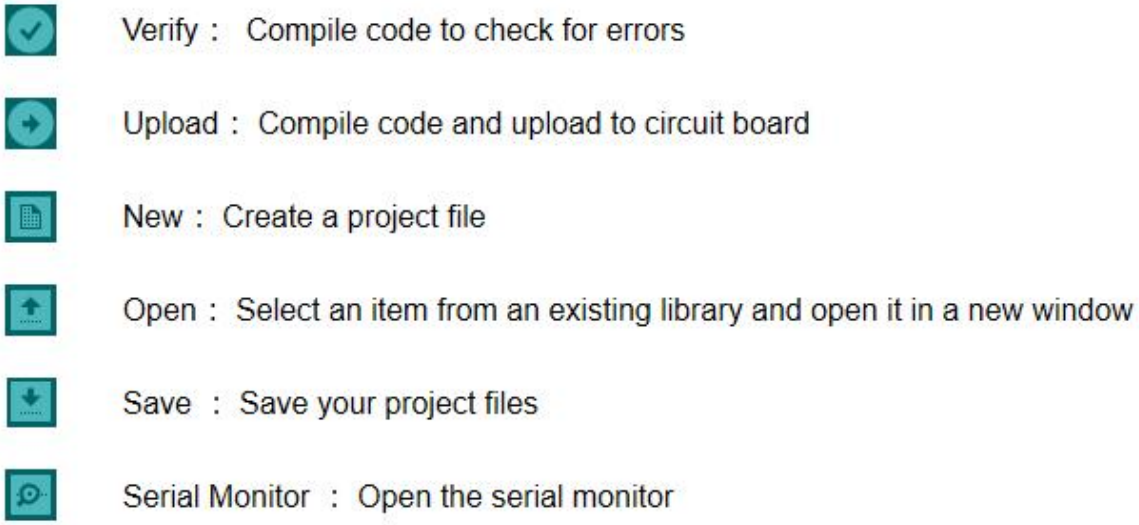
You will have to use the make install command. If you are using an Ubuntu system, it is recommended to install the Arduino IDE from the Ubuntu Software Center.

After the installation is complete, open the software to see the software platform interface as shown below:



Programs written using the Arduino software (IDE) are called "Sketch". These "Sketch" are written in a text editor and saved with the file extension " .ino " .

The editor has functions for cutting , pasting, and searching and replacing text. The message area provides feedback and displays errors when saving and exporting. The console displays text output by the Arduino software (IDE), including full error messages and other information. The lower right corner of the window displays the configured boards and serial ports. Toolbar buttons allow you to verify and upload programs, create, open and save projects, and open the serial monitor. The positions of the corresponding functions in the toolbar buttons are as follows:



(It is worth noting that the "ino" file must be saved in a folder with the same name as itself. If the program is not opened in the same name folder, it will be forced to automatically create a file with the same name)