

# Arduino IDE installation tutorial for Mac OS

## 1.Arduino IDE

As an open source software, Arduino IDE is developed based on Processing IDE and is the integrated development environment officially launched by Arduino.

With the Arduino IDE, you just write program code in the IDE and upload it to the Arduino board, and the program tells the Arduino board what it needs to do.

## 2.Download Arduino IDE For Mac OS

### (1)Download Arduino IDE

①Download Arduino IDE website address:

<https://www.arduino.cc/en/Main/Software>

After opening the URL, select the corresponding version according to the following icon.



The screenshot shows the Arduino IDE 2.2.1 download page. On the left, there is a section for Arduino IDE 2.2.1 with a description: "The new major release of the Arduino IDE is faster and even more powerful! In addition to a more modern editor and a more responsive interface it features autocompletion, code navigation, and even a live debugger." Below this, it says "For more details, please refer to the [Arduino IDE 2.0 documentation](#)." and "Nightly builds with the latest bugfixes are available through the section below." At the bottom, it mentions "SOURCE CODE" and "The Arduino IDE 2.0 is open source and its source code is hosted on [GitHub](#)." On the right, there is a "DOWNLOAD OPTIONS" section. It lists options for Windows (Win 10 and newer, 64 bits; MSI installer; ZIP file) and Linux (Applimage 64 bits (X86-64); ZIP file 64 bits (X86-64)). The macOS options are highlighted with a red box: "macOS Intel, 10.14: 'Mojave' or newer, 64 bits" and "macOS Apple Silicon, 11: 'Big Sur' or newer, 64 bits". Below these, there is a link for "Release Notes".

**Attention:** The official website of Arduino IDE may have been updated with a new version, but the new version may have compatibility problems, so it is recommended to install Arduino IDE version 2.2.1.

Link to version 2.2.1: <https://github.com/arduino/arduino-ide/releases>

**2.2.1**

**Changed**

- Bump Arduino Firmware Uploader dependency to 2.4.1 (#2206)

**Fixed**

- Fix missing translations for русский and Türkçe (#2201)

Full Changelog: [2.2.0...2.2.1](#)

**Assets** 14

<a href="#">arduino-ide_2.2.1_Linux_64bit.AppImage</a>	175 MB	Aug 31, 2023
<a href="#">arduino-ide_2.2.1_Linux_64bit.zip</a>	175 MB	Aug 31, 2023
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②Select JUST DOWNLOAD.

Download Arduino IDE & support it's progress

Since the release 1.x release in March 2015, the Arduino IDE has been downloaded **77,917,375** times — impressive! Help its development with a donation.

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\$10

\$25


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Other

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③When the following screen appears, the Arduino IDE is being downloaded.



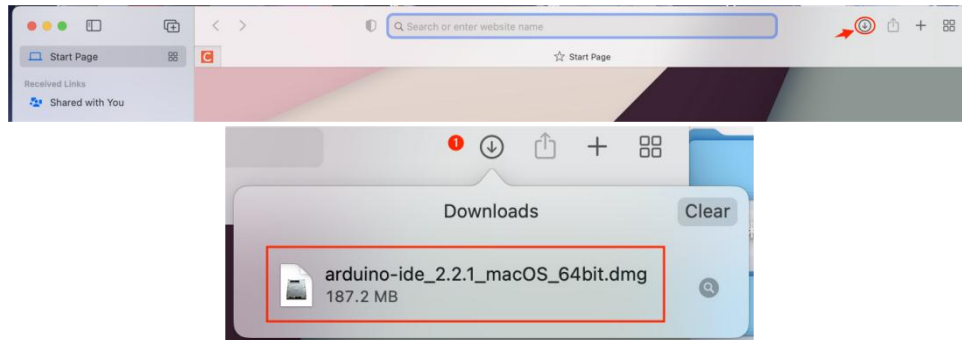
## Thank you for downloading!

You're always welcome to sign up in the future. Keep up with exclusive updates, tutorials, events and join our community to empower creators worldwide anytime.

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## (2)Install The Arduino IDE

①When the download is complete, click on the download icon of your browser to find the Arduino IDE installation package.

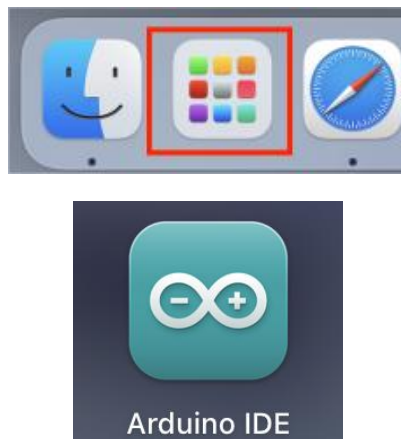


②Clicking on the installation package will bring up the installation screen, just select the Arduino IDE icon and move to Applications to install the program.



## (3)The Arduino IDE Is Installed

①In the workbench, locate the Arduino IDE and open it.



②After opening the program, you can see the following program interface.

