



Setup instruction for Mac

by ANYCUBIC 3D team

2016-11-07



➤ USB driver installation

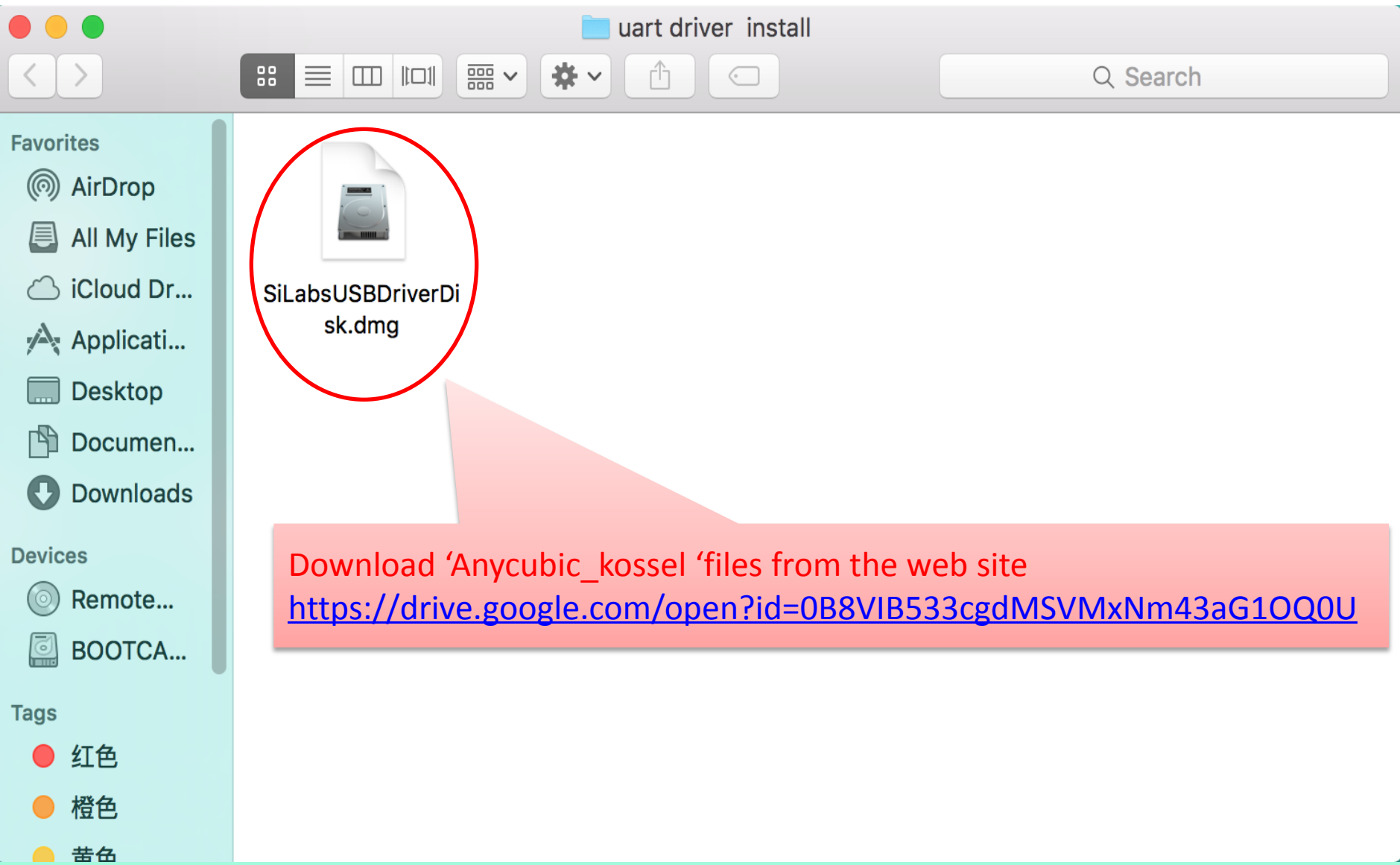
➤ Arduino installation

➤ Upload firmware

➤ Cura installation

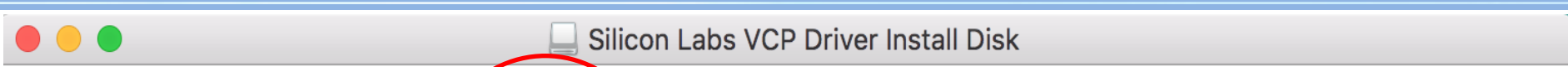


USB driver installation





USB driver installation



ReleaseNotes.txt



Silicon Labs VCP
Driver.pkg



uninstaller.sh

Double click
Silicon labs VCP Driver.pkg



USB driver installation



Install CP210xVCPInstaller



Welcome to the CP210xVCPInstaller Installer

- **Introduction**
- Read Me
- License
- Destination Select
- Installation Type
- Installation
- Summary

You will be guided through the steps necessary to install the virtual COM port driver for the Silicon Labs CP210x USB to UART Bridge.

Click here

Go Back

Continue



USB driver installation



Install CP210xVCPInstaller



Important Information

CP210x Macintosh OS X VCP Driver v4 Release Notes
Copyright (C) 2016 Silicon Laboratories Inc.

This release contains the following components:

- * SiLabsUSBDriverDisk.dmg - Image containing the VCP Driver Installer
- * ReleaseNotes.txt (this file)
- * uninstaller.sh - a bash shell script for removing the driver

Known Issues and Limitations

This release includes the Macintosh OSX driver for the Intel and PowerPC Platforms versions 10.5, 10.6, 10.7, 10.8, 10.9, 10.10 and 10.11.

Driver Installation

Mount the DMG file and double click on Silicon Labs VCP Driver.

Uninstalling the Driver

Print...

Save...

Go Back

Continue

Click here



USB driver installation

Install CP210xVCPInstaller

Software License Agreement

English

- Introduction
- Read Me
- **License**
- Destination Select
- Installation Type
- Installation
- Summary

END-USER LICENSE AGREEMENT
IMPORTANT: READ CAREFULLY
BEFORE AGREEING TO TERMS

THIS PRODUCT CONTAINS CERTAIN COMPUTER PROGRAMS AND OTHER THIRD PARTY PROPRIETARY MATERIAL ("LICENSED PRODUCT"), THE USE OF WHICH IS SUBJECT TO THIS END-USER LICENSE AGREEMENT. INDICATING YOUR AGREEMENT CONSTITUTES YOUR AND (IF APPLICABLE) YOUR COMPANY'S ASSENT TO AND ACCEPTANCE OF THIS END-USER LICENSE AGREEMENT (THE "LICENSE" OR "AGREEMENT"). IF YOU DO NOT AGREE WITH ALL OF THE TERMS, YOU MUST NOT USE THIS PRODUCT. WRITTEN APPROVAL IS NOT A PREREQUISITE TO THE VALIDITY OR ENFORCEABILITY OF THIS AGREEMENT, AND NO SOLICITATION FOR WRITTEN APPROVAL BY OR ON BEHALF OF SILICON LABS, INC. ("SILICON LABS") SHALL BE CONSTRUED AS AN OFFER TO THE CONTRARY. IF THESE TERMS ARE CONSIDERED AN OFFER BY SILICON LABS, ACCEPTANCE IS EXPRESSLY LIMITED TO THESE TERMS.

Click here

Print... Save... Go Back **Continue**



USB driver installation

To continue installing the software you must agree to the terms of the software license agreement.

Click Agree to continue or click Disagree to cancel the installation and quit the Installer.

Click here

Read License Disagree Agree



USB driver installation

Install CP210xVCPInstaller

Standard Install on "Macintosh HD"

- Introduction
- Read Me
- License
- Destination Select
- **Installation Type**
- Installation
- Summary

This will take 272 KB of space on your computer.

Click Install to perform a standard installation of this software on the disk "Macintosh HD".

Click here

Customize Go Back **Install**

USB driver installation



Installer is trying to install new software. Type your password to allow this.

Username: 欧翠芝

Password:

Cancel Install Software

1、 Type your username and password

2、 Click here



USB driver installation

Install CP210xVCPInstaller

Installing CP210xVCPInstaller

- Introduction
- Read Me
- License
- Destination Select
- Installation Type
- **Installation**
- Summary

Registering updated components...

Install time remaining: Less than a minute

Wait for a moment

Go Back Continue

The image shows a software installation window titled "Install CP210xVCPInstaller". On the left is a sidebar with a list of installation steps: Introduction, Read Me, License, Destination Select, Installation Type, Installation (highlighted with a blue dot), and Summary. The main area displays "Installing CP210xVCPInstaller" and "Registering updated components..." with a progress bar that is approximately 80% full. Below the progress bar, it says "Install time remaining: Less than a minute". A red callout box with a pointer to the progress bar contains the text "Wait for a moment". At the bottom right, there are two buttons: "Go Back" and "Continue".



USB driver installation

Install CP210xVCPInstaller

The installation was completed successfully.

The Silicon Labs VCP Driver has been successfully installed.

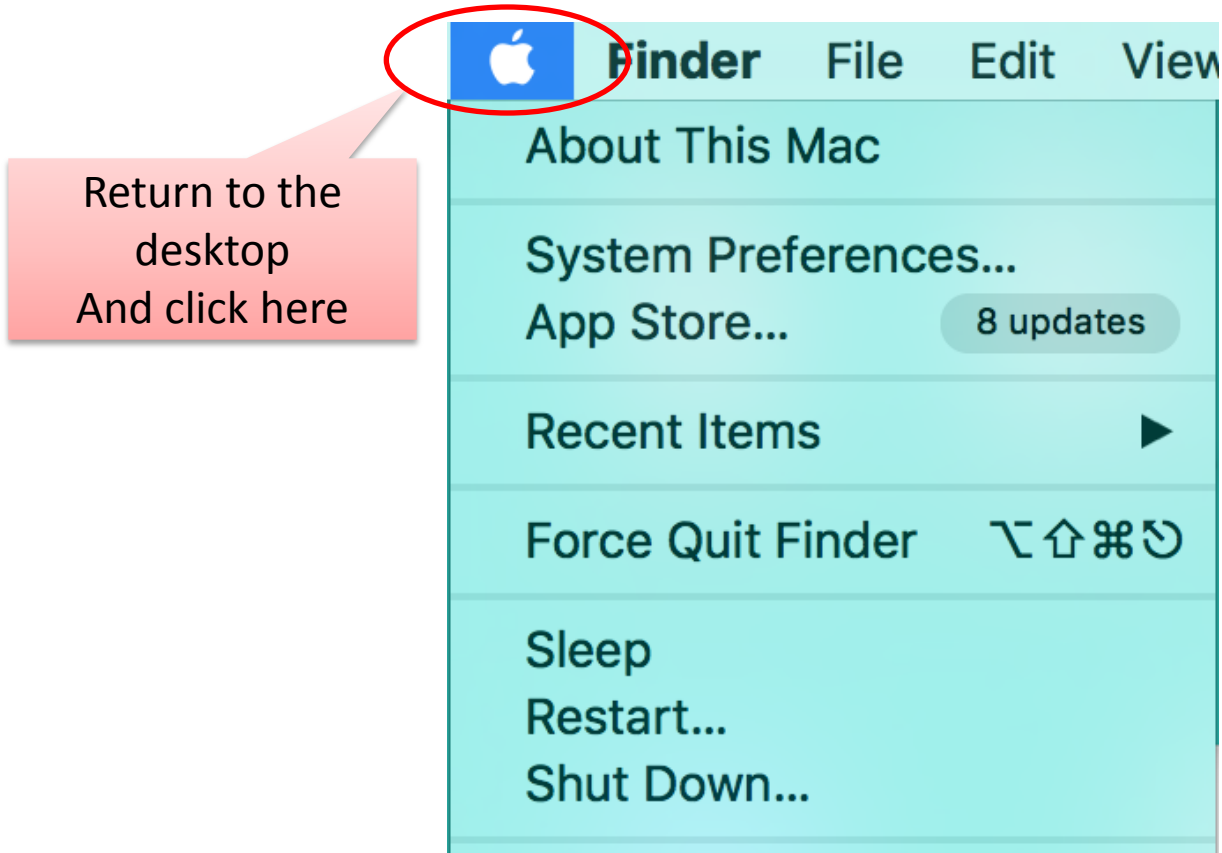
- Introduction
- Read Me
- License
- Destination Select
- Installation Type
- Installation
- **Summary**

Click here when finished

Go Back Close



USB driver installation

A screenshot of a Mac's Finder application menu. The Apple logo icon in the top-left corner of the menu is circled in red. A pink callout box with a pointer to the icon contains the text: "Return to the desktop And click here". The menu items listed are: "About This Mac", "System Preferences...", "App Store..." (with a badge for "8 updates"), "Recent Items" (with a right-pointing arrow), "Force Quit Finder" (with keyboard shortcuts: Command+Option+Esc), "Sleep", "Restart...", and "Shut Down...".

Return to the desktop
And click here



USB driver installation



The screenshot shows the macOS System Information window. At the top, there are navigation tabs: Overview (selected), Displays, Storage, Support, and Service. The main content area displays the following information:

- OS X El Capitan**
Version 10.11.4
- MacBook (Retina, 12-inch, Early 2016)**
- Processor** 1.1 GHz Intel Core m3
- Memory** 8 GB 1867 MHz LPDDR3
- Startup Disk** Macintosh HD
- Graphics** Intel HD Graphics 515 1536 MB
- Serial Number** C02RL3VVH3QX

At the bottom of the window, there are two buttons: "System Report..." and "Software Update...". The "System Report..." button is circled in red. A red callout box with a pointer to the button contains the text "Click here".

™ and © 1983-2016 Apple Inc. All Rights Reserved. License and Warranty



USB driver installation

MacBook

▼ Hardware

- ATA
- Audio
- Bluetooth
- Camera
- Card Reader
- Diagnostics
- Disc Burning
- Ethernet Cards
- Fibre Channel
- FireWire
- Graphics/Displays
- Hardware RAID
- Memory
- NVMeExpress
- PCI
- Parallel SCSI
- Power
- Printers
- SAS
- SATA/SATA Expr...
- SPI
- Storage
- Thunderbolt
- USB**

▼ Network

- Firewall
- Locations
- Volumes
- WWAN

Hardware Overview:

Model Name:	MacBook
Model Identifier:	MacBook9,1
Processor Name:	Intel Core m3
Processor Speed:	1.1 GHz
Number of Processors:	1
Total Number of Cores:	2
L2 Cache (per Core):	256 KB
L3 Cache:	4 MB
Memory:	8 GB
Boot ROM Version:	MB91.0154.B00
SMC Version (system):	2.35f101
Serial Number (system):	C02RL3VVH3QX
Hardware UUID:	3B241376-BC97-597D-9E53-EDEDD08E69E8

Click here



USB driver installation

MacBook

Hardware

- ATA
- Audio
- Bluetooth
- Camera
- Card Reader
- Diagnostics
- Disc Burning
- Ethernet Cards
- Fibre Channel
- FireWire
- Graphics/Displays
- Hardware RAID
- Memory
- NVMeExpress
- PCI
- Parallel SCSI
- Power
- Printers
- SAS
- SATA/SATA Expr...
- SPI
- Storage
- Thunderbolt
- USB**

USB Device Tree

- USB 3.0 Bus
 - USB 2.0 Hub
 - Wireless Receiver
 - CP2102 USB to UART Bridge Controller**

CP2102 USB to UART Bridge Controller:

Product ID:	0xea60
Vendor ID:	0x10c4 (Silicon Laboratories, Inc.)
Version:	1.00
Serial Number:	0001
Speed:	Up to 12 Mb/sec
Manufacturer:	Silicon Labs
Location ID:	0x14120000 / 2
Current Available (mA):	1000
Current Required (mA):	100
Extra Operating Current (mA):	0

The driver has been successfully installed and could be identified



ANYCUBIC

➤ USB driver installation



➤ Arduino installation

➤ Upload firmware

➤ Cura installation



Arduino installation

Safari File Edit View History Bookmarks Window Help

arduino.cc

ARDUINO USA ONLY

Genuino OUTSIDE USA

Search the Arduino Website

Home Buy Download Products Learning Forum Support Blog LOG IN SIGN UP

WHAT IS ARDUINO?

BUY AN ARDUINO

LEARN ARDUINO

SUPPORT ARDUINO

Subscriptions

KEEP SMOKE OUT OF YOUR APARTMENT WITH AN AUTOMATED FAN

BLOG



Arduino installation

1. Click Download

2. Choose Mac version



Arduino installation

Safari File Edit View History Bookmarks Window Help

arduino.cc

Support the Arduino Software

Consider supporting the Arduino Software by contributing to its development. (US tax payers, please note this contribution is not tax deductible). [Learn more on how your contribution will be used.](#)



SINCE MARCH 2015, THE ARDUINO IDE HAS BEEN DOWNLOADED **11,374,903** TIMES. (IMPRESSIVE!) NO LONGER JUST FOR ARDUINO AND GENUINO BOARDS, HUNDREDS OF COMPANIES AROUND THE WORLD ARE USING THE IDE TO PROGRAM THEIR DEVICES, INCLUDING COMPATIBLES, CLONES, AND EVEN COUNTERFEITS. HELP ACCELERATE ITS DEVELOPMENT WITH A SMALL CONTRIBUTION! REMEMBER: OPEN SOURCE IS LOVE!

\$3 \$5 \$10 \$25 \$50 OTHER


Click "Just Download"

JUST DOWNLOAD

CONTRIBUTE & DOWNLOAD

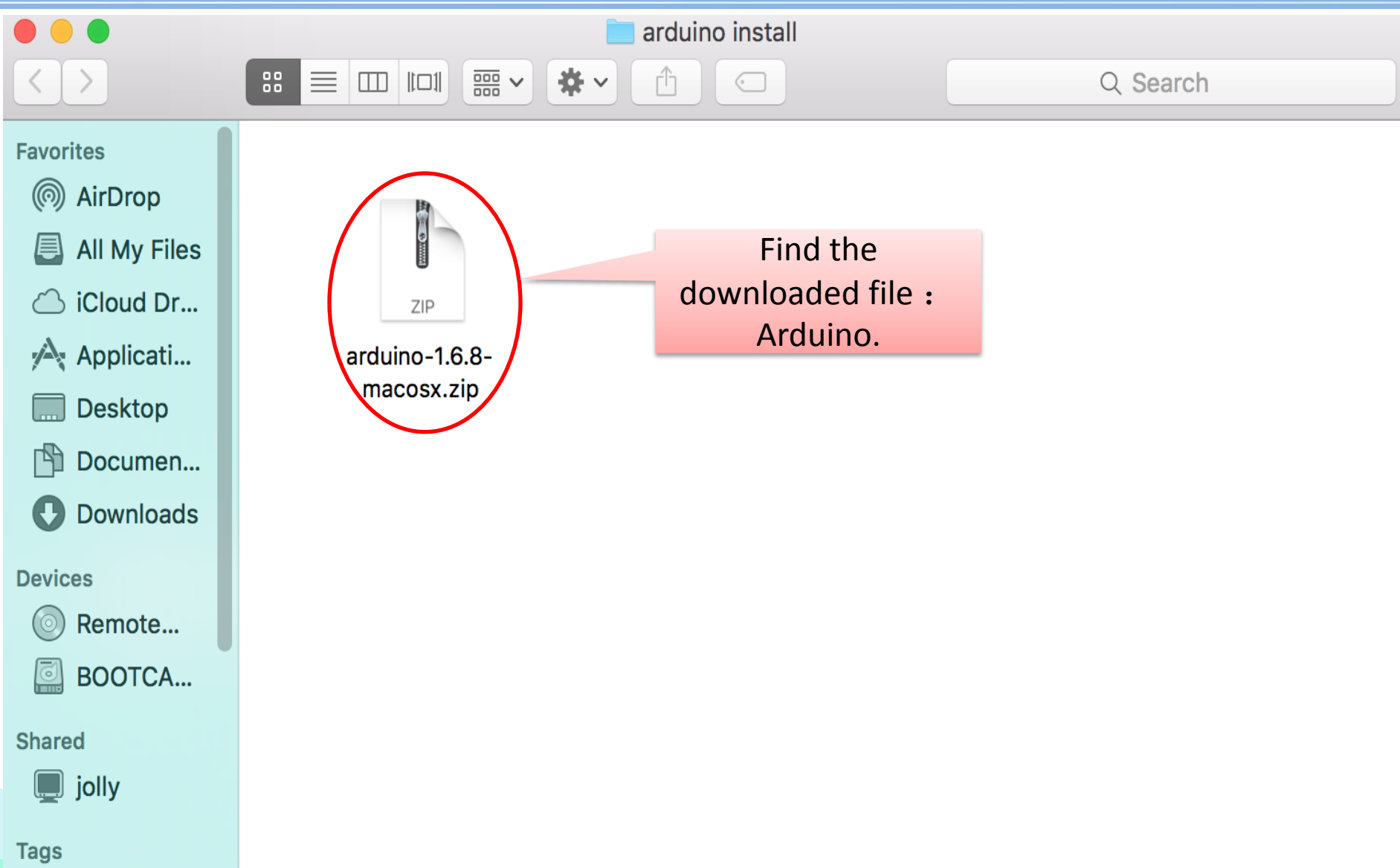
Subscriptions

Share

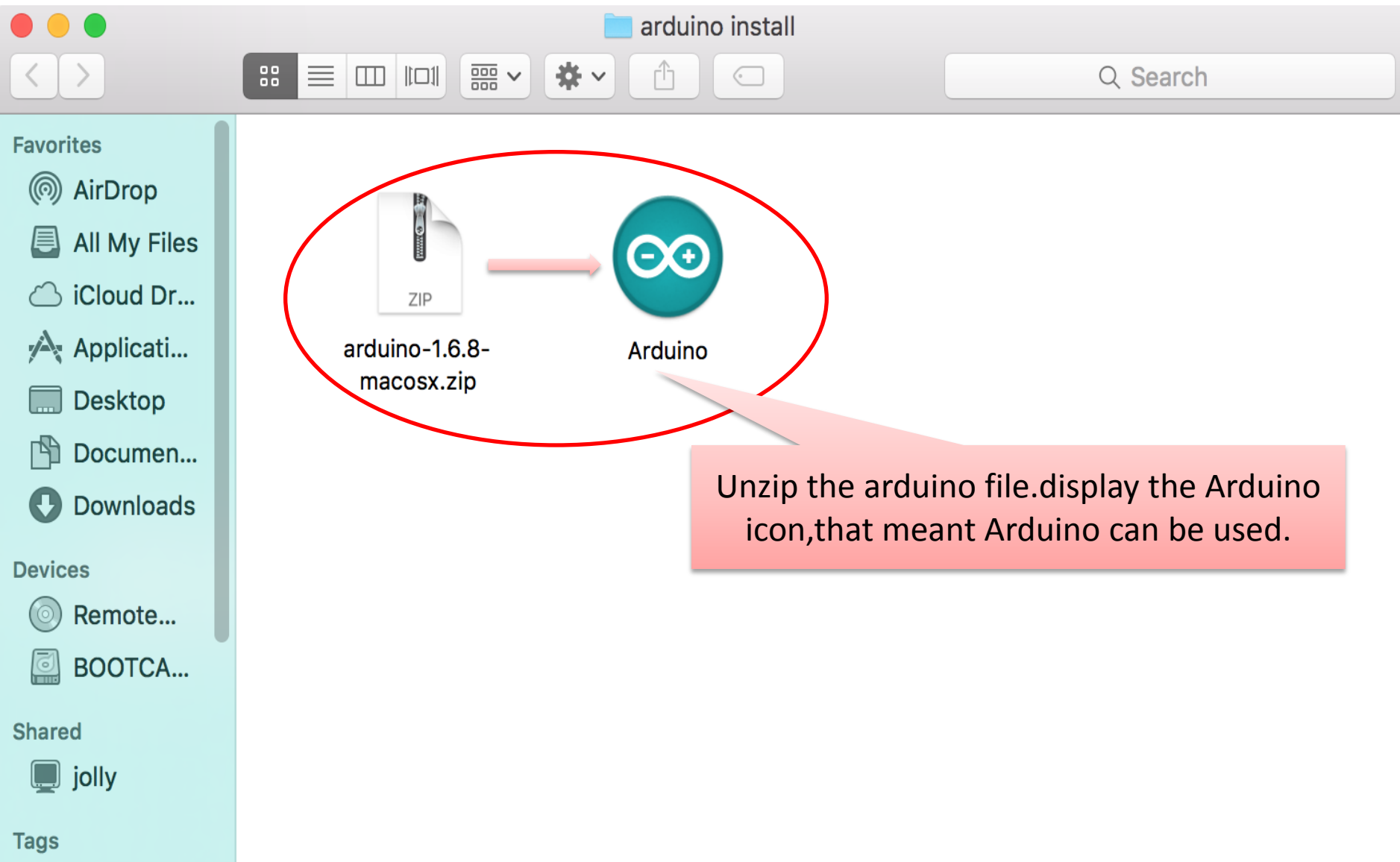




Arduino installation



Arduino installation





➤ USB driver installation

➤ Arduino installation

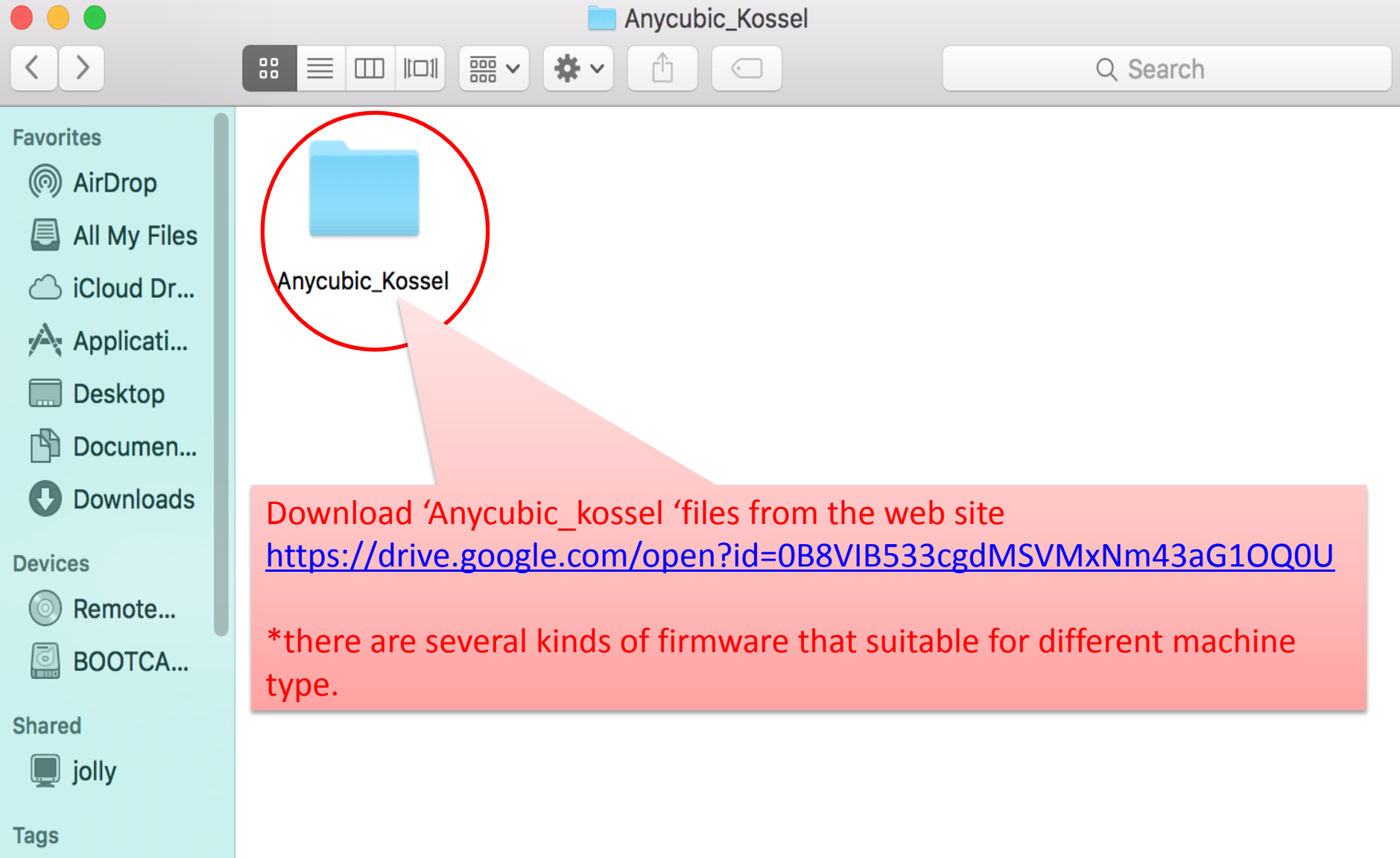


➤ Upload firmware

➤ Cura installation



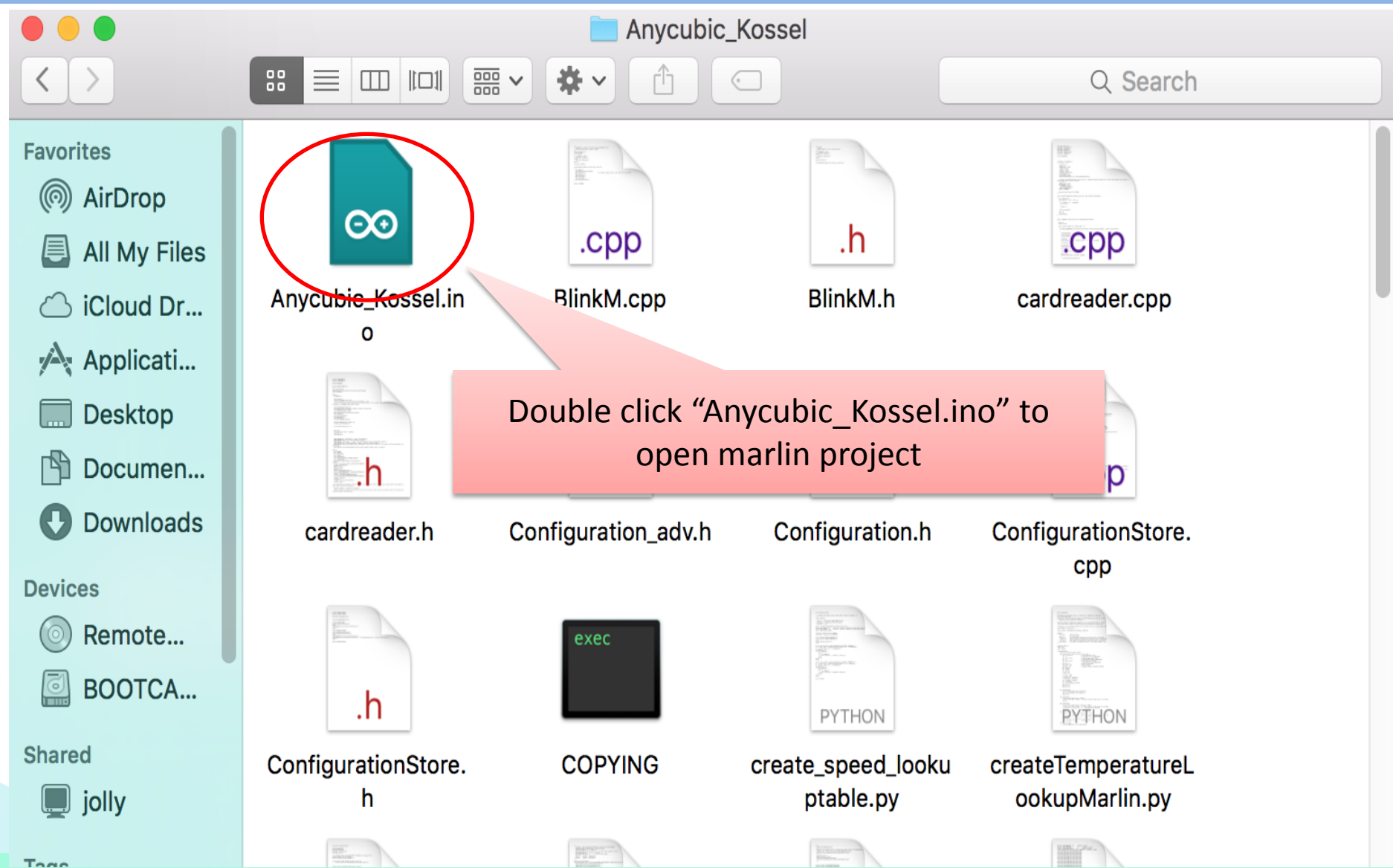
Upload firmware





Upload fileware

ANYCUBIC



Double click "Anycubic_Kossel.ino" to open marlin project



Upload fileware

The screenshot shows the Arduino IDE interface. The 'Tools' menu is open, and the 'Boards Manager' is also open. The 'Boards Manager' shows a list of boards, with 'Arduino/Genuino Mega or Mega 2560' selected. A red callout box points to this selection with the text 'Choose Mega2560 board'.

```
#include <Dhcp.h>
#include <Dns.h>
#include <Ethernet.h>
#include <EthernetClient.h>
#include <EthernetServer.h>
#include <EthernetUdp.h>

/* -*- c++ -*- */

/*
  Reprap firmware based on Sprinter and grbl.
  Copyright (C) 2011 Camiel Gubbels / Erik van der Zalm

  This program is free software: you can redistribute it and/or modify
  it under the terms of the GNU General Public License as published by
  the Free Software Foundation, either version 3 of the License, or
  (at your option) any later version.

  This program is distributed in the hope that it will be useful,
  but WITHOUT ANY WARRANTY; without even the implied warranty of
  MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
  GNU General Public License for more details.

  You should have received a copy of the GNU General Public License
  along with this program. If not, see <http://www.gnu.org/licenses/>.
  */

/*
  This firmware is a mashup between Sprinter and grbl.
  ...
  */
```

Choose Mega2560 board

Arduino/Genuino Mega or Mega 2560, ATmega2560 (Mega 2560) on /dev/cu.SLAB_USBtoUART



Upload firmware

ANYCUBIC

The screenshot shows the Arduino IDE interface. The 'Tools' menu is open, and the 'Port' option is selected, which has opened a sub-menu showing available serial ports. The path for selecting a serial port is highlighted with a red circle and a red callout box.

```
Tools
```

- Auto Format
- Archive Sketch
- Fix Encoding & Reload
- Serial Monitor
- Serial Plotter
- Board: "Arduino/Genuino Mega or Mega 2560"
- Processor: "ATmega2560 (Mega 2560)"
- Port: "/dev/cu.SLAB_USBtoUART"
- Programmer: "AVRISP mkII"
- Burn Bootloader

Serial ports

- /dev/cu.Bluetooth-Incoming-Port
- /dev/cu.lpsserial2
- ✓ /dev/cu.SLAB_USBtoUART

Choose serial port

```
http://downloads.arduino.cc/packages/package_index.json file signature verification failed. File ignored.
```

Updates available for some of your libraries ✖

Arduino/Genuino Mega or Mega 2560, ATmega2560 (Mega 2560) on /dev/cu.SLAB_USBtoUART





Upload firmware

The screenshot shows the Arduino IDE interface. At the top, the menu bar includes 'Arduino', 'File', 'Edit', 'Sketch', 'Tools', and 'Help'. The title bar indicates the current project is 'Anycubic_Kossel' using 'Arduino 1.6.8'. The toolbar contains several icons, with the 'Upload' icon (a right-pointing arrow) circled in red. A pink callout box with the text 'Upload firmware' points to this icon. Below the toolbar, a file explorer shows several files, including 'Anycubic_Kossel', 'BlinkM.cpp', 'BlinkM.h', 'Configuration.h', 'ConfigurationStore.cpp', 'ConfigurationStore.h', 'Configuration_adv.h', 'DOGmbitmaps.h', 'LiquidCrystalRus.cpp', and 'LiquidCrystalR'. The main editor area displays C++ code for a Reprap firmware, including license information and a note that the firmware is a mashup of Sprinter and grbl. At the bottom of the IDE, a status bar shows the board configuration: 'Arduino/Genuino Mega or Mega 2560, ATmega2560 (Mega 2560) on /dev/cu.SLAB_USBtoUART'. A system tray at the very bottom contains various application icons, including the dock, Spotlight, Calendar, Mail, Photos, Messages, Notes, Reminders, System Preferences, Music, Books, App Store, System Preferences, Arduino IDE, and a trash can.



ANYCUBIC

➤ USB driver installation

➤ Arduino installation

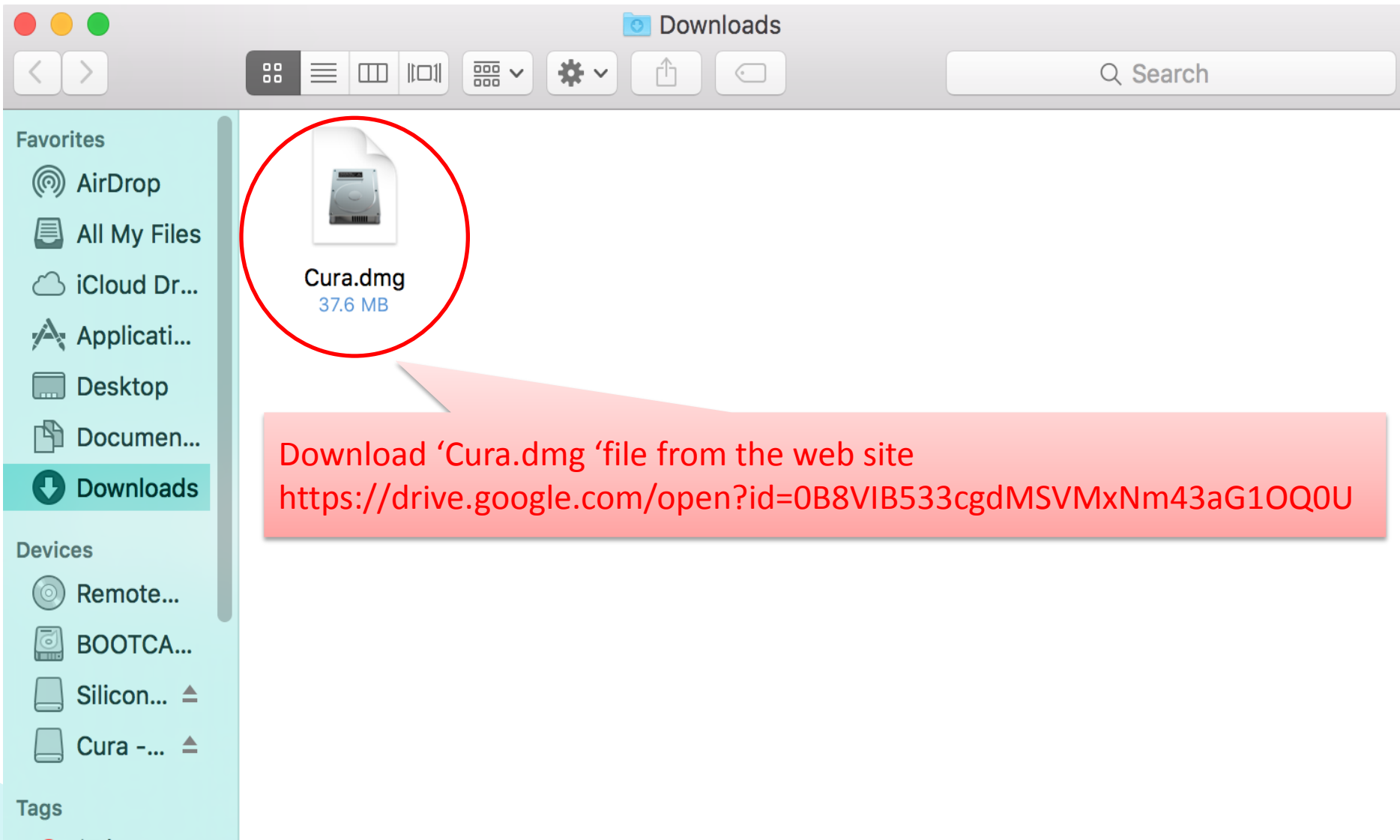
➤ Upload firmware



➤ Cura installation



Cura installation





Cura installation



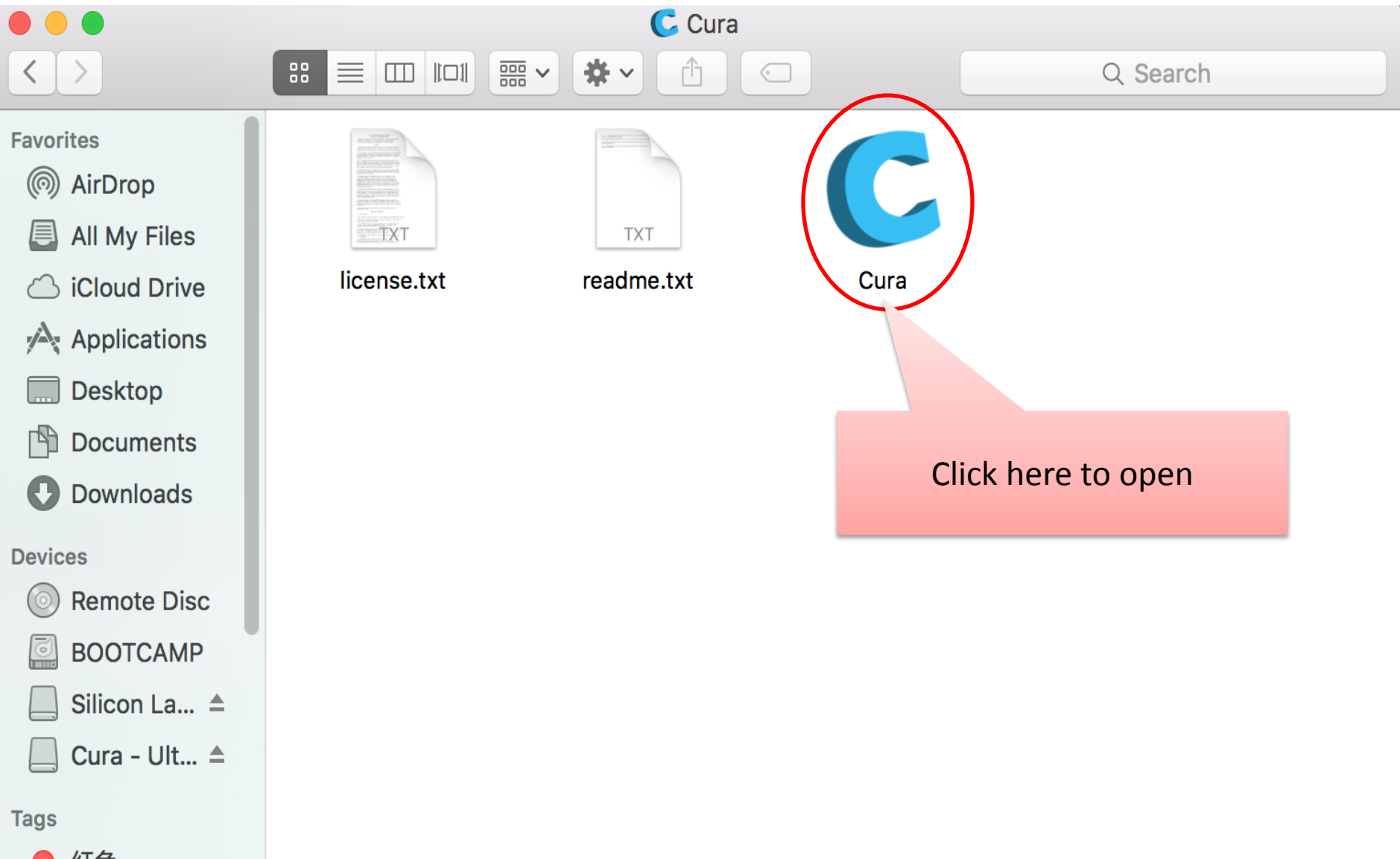


Cura installation



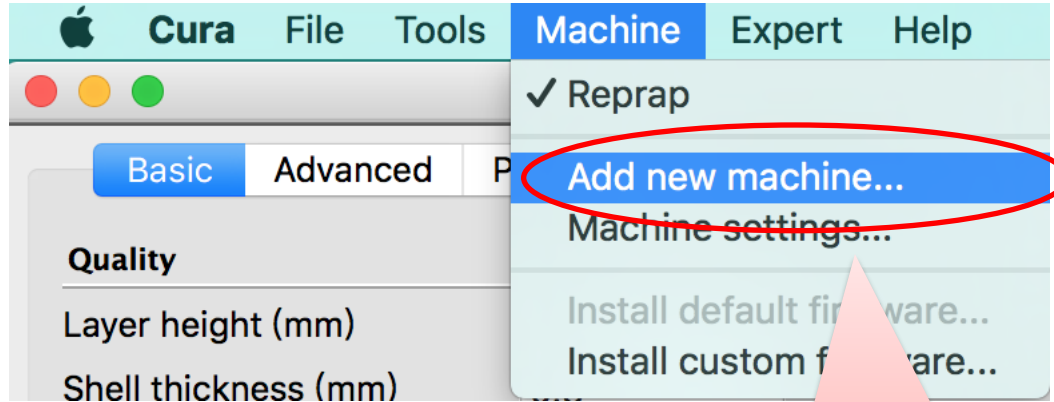


Cura installation





Cura installation



Add Delta machine
or other type that suits?



Cura installation

Configuration Wizard

Add new machine wizard

This wizard will help you in setting up Cura for your machine.

Click here

< Back **Next >** Cancel

The image shows a software window titled "Configuration Wizard" with a subtitle "Add new machine wizard". The main text reads "This wizard will help you in setting up Cura for your machine." At the bottom of the window, there are three buttons: "< Back", "Next >", and "Cancel". The "Next >" button is highlighted with a red circle, and a red speech bubble with the text "Click here" points to it.



Cura installation

Configuration Wizard

Select your machine

What kind of machine do you have:

- Ultimaker 2+
- Ultimaker 2 Extended+
- Ultimaker 2
- Ultimaker 2 Extended
- Ultimaker 2 Go
- Ultimaker Original
- Ultimaker Original+
- Printrbot
- Lulzbot TAZ
- Lulzbot Mini
- Other (Ex: RepRap, MakerBot, Witbox)

The collection of anonymous usage information helps with the continued improvement of Cura. This does NOT submit your models online nor gathers any privacy related information.

Submit anonymous usage information:

For full details see: <http://wiki.ultimaker.com/Cura:stats>

< Back **Next >** Cancel

1、 Choose "other"

2、 Click here



Cura installation

Configuration Wizard

Other machine information

The following pre-defined machine profiles are available
Note that these profiles are not guaranteed to give good results,
or work at all. Extra tweaks might be required.
If you find issues with the predefined profiles,
or want an extra profile.
Please report it at the github issue tracker.

- BFB
- DeltaBot
- Hephestos
- Hephestos_XL
- Kupido
- MakerBotReplicator
- Mendel
- Ord
- Prusa Mendel i3
- ROBO 3D R1
- Rigid3D
- Rigid3d_Zero
- RigidBot
- RigidBotBig
- Witbox
- Zone3d Printer
- julia
- punchtec Connect XL

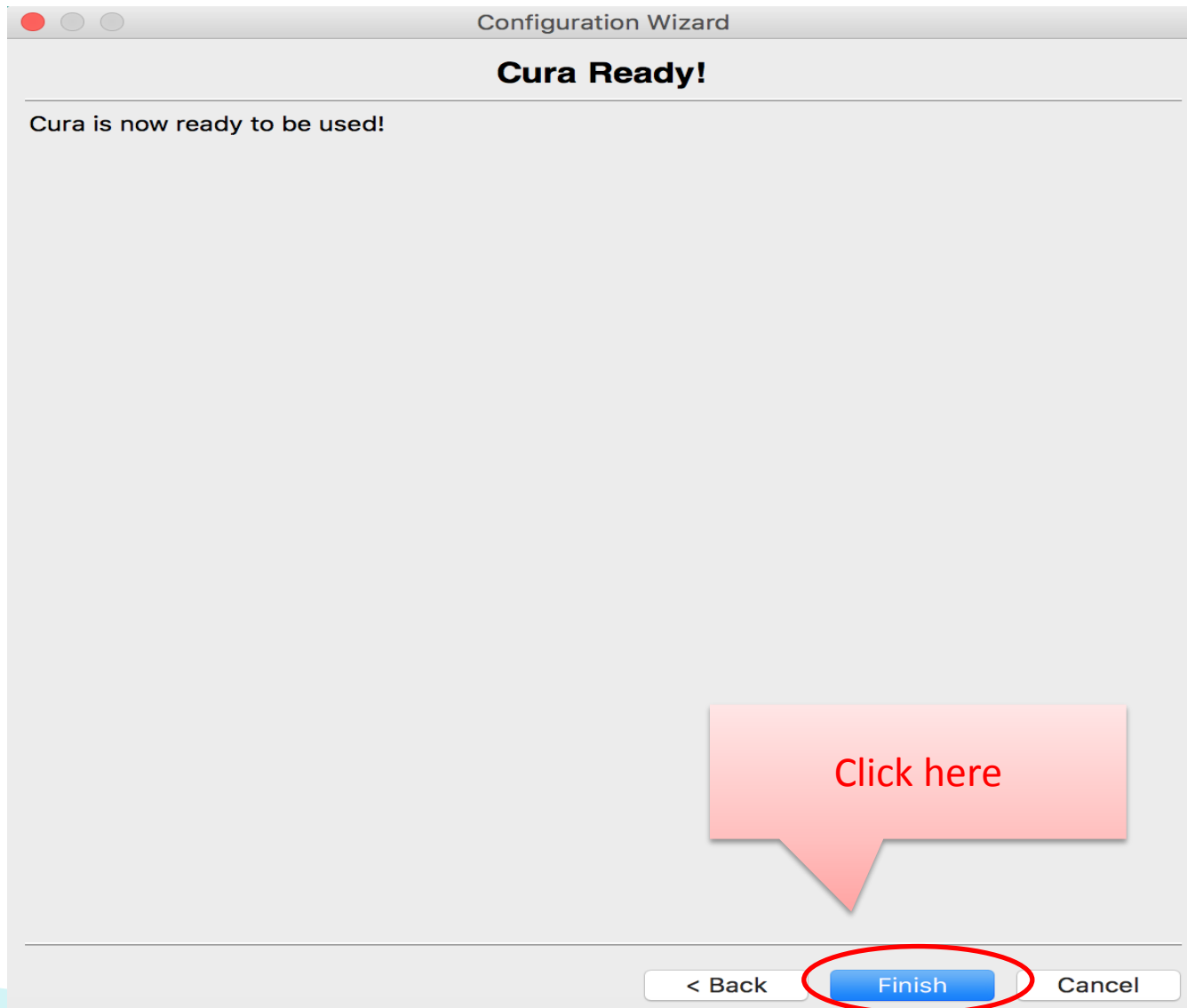
1、 Choose "Delta Bot" or choose the one that suits

2、 Click here

< Back **Next >** Cancel



Cura installation





Cura installation

The screenshot shows the Cura software interface on a Mac. The 'Machine' menu is open, and two items are circled in red: 'Deltabot Style' (which has a checkmark) and 'Machine settings...'. A red callout box with the text '1、 Click here' points to the 'Deltabot Style' option. Another red callout box with the text '2、 Click here to set parameters for Delta Bot' points to the 'Machine settings...' option. The background shows the 'Quality' settings panel with options like 'Layer height (mm)', 'Shell thickness (mm)', and 'Enable retraction'.



Cura installation

Machine settings

Reprap **Deltabot Style**

Machine settings

E-Steps per 1mm filament	0
Maximum width (mm)	170
Maximum depth (mm)	170
Maximum height (mm)	300
Extruder count	1
Heated bed	<input type="checkbox"/>
Machine center 0,0	<input checked="" type="checkbox"/>
Build area shape	Circular
GCode Flavor	RepRap (Prin/Sprinter)

Printer head size

Head size towards X min (mm)	0.0
Head size towards Y min (mm)	0.0
Head size towards X max (mm)	0.0
Head size towards Y max (mm)	0.0
Printer gantry height (mm)	0.0

Communication settings

Serial port	/dev/cu.SLAB_USBtoUART
Baudrate	AUTO

Ok Add new machine Change machine name

Note: In the original image, a red circle highlights the 'E-Steps per 1mm filament' field, and another red circle highlights the 'Serial port' dropdown menu with the selected option.

1、Setting parameters

2、Choose right serial port



Cura installation

Other Cura parameter settings please refer to the manual
of your machine.