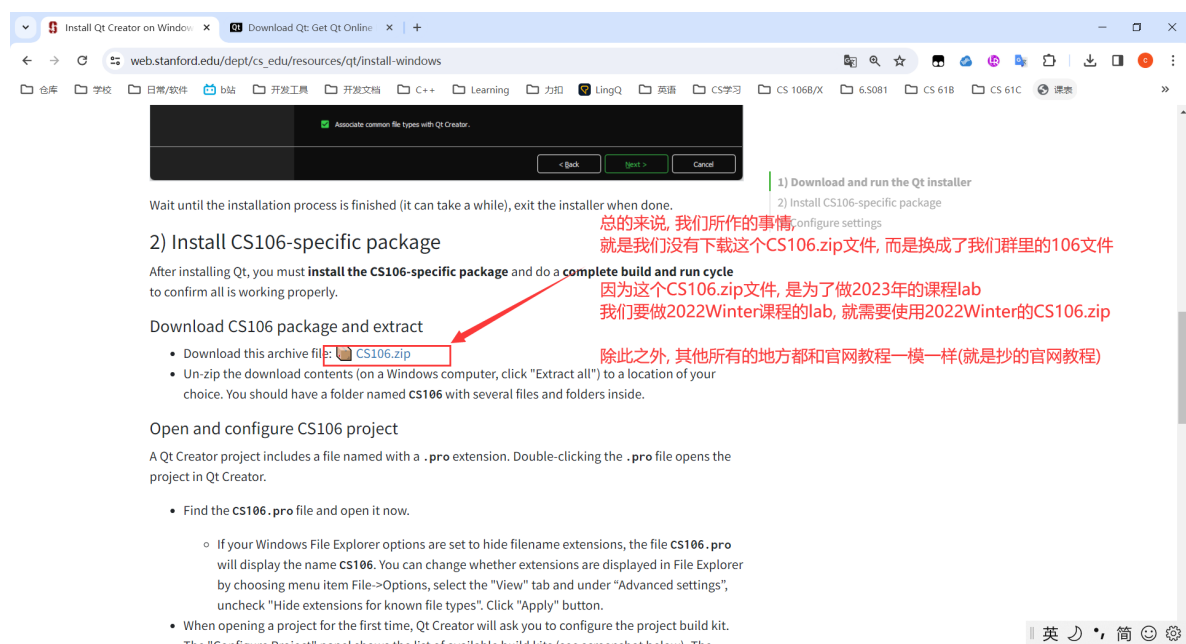


2022Winter环境配置教程(windows)

最后一次修改时间: 82023-11-14

示例操作系统: windows

总结



中文路径

我们所有的QT项目(作业lab和环境配置lab), 路径中只要出现中文名, 就会出现错误, 需要改成全英文的


咱们群文件夹里面加上了中文, 是为了大家便于区分, 但是在写lab的时候, 自己需要修改一下

1. 找到Qt

CS106B Home

web.stanford.edu/class/cs106b/

CS106B SYLLABUS **RESOURCES** LECTURES SECTIONS ASSIGNMENTS EXAMS SCHEDULE SEARCH

 **CS106B Programming Abstractions**
Fall Quarter 2023
Lecture MWF 2:30 - 3:20 pm in Hewlett 200

ANNOUNCEMENTS

Site under construction
Last updated 2 months and 1 week ago by Julie

- We are currently readying this website for Fall Quarter 2023. You are welcome to poke around, but be warned that contents are in flux.
- Here are our [answers to common questions](#) from prospective students.

QUICK LINKS

- Discussion Forum
- Office Hours
- LalR Signup
- Canvas videos
- Paperless
- Honor Code
- Blank Qt Project

All course materials © Stanford University 2023

CS106B Resources

web.stanford.edu/class/cs106b/about_resources

CS106B SYLLABUS RESOURCES LECTURES SECTIONS ASSIGNMENTS EXAMS SCHEDULE SEARCH

Course documents

- [Programming Abstractions](#) (PDF version of course textbook)
- [Stanford Library documentation](#)
- [Code style guide](#)
- [SimpleTest guide](#)
- [Guide to Big-O notation](#)
- [Submission checklist](#)

C++ language and library reference

- [Python to C++ guide](#) (transitioning from python to C++)
- [C++ library reference](#)
- [Guide to C++ strings](#)

Qt Creator


- [How to install Qt Creator](#)
- [Using Qt Creator](#)
- [Blank Qt project](#) (template for creating a new CS106 project)

For prospective students

- [Course placement](#) (choosing which Stanford course to start your CS journey)
- [Common questions from prospective students](#)

Resources for Qt Creator

Updated for Fall Quarter 2023 by Julie Zelenski



Students in the CS106B/courses use **Qt Creator** to write C++ programs. Qt Creator is an *integrated development environment* (IDE) with tools to edit, build, run, and debug programs.

Installing Qt Creator

We have prepared installation guides for each operating system, choose the one for your computer.

- [Install Qt Creator on macOS](#)
- [Install Qt Creator on Windows](#)
- [Install Qt Creator on Linux](#)

The installation guide steps you through downloading and installing Qt and other necessary tools, as well as configuring the CS106-specific package. Please follow the instructions carefully and do not skip steps. In the final step, you will do a build and run cycle on a sample project. If you have successfully done this, your installation is good to go!

If you have a previous version Qt installed

The released version of Qt as of Fall Quarter 2023 is **6.5.3**. Confirm that your Qt version is at least this version or newer (i.e.

2. 下载Qt

Install Qt Creator on Windows

1) Download and run the Qt installer

If you have previously installed Qt Creator, you must first uninstall that one before re-installing the latest. To uninstall, find the Qt Maintenance Tool application and run it. On the first panel, select **Uninstall only** to proceed with uninstall. Now continue below to download and install the latest Qt version.

Download the Qt installer from its official download site at <https://www.qt.io/download-qt-installer>. The site should detect that your computer is running Windows and automatically download the correct installer to your **Downloads** folder.

The downloaded installer is named something like **qt-unified-windows-x64-4-online**. Double-click to run it.

The Qt installer will walk you through a set of steps. For most steps, you can use the default settings and simply click **"Next"** or **"Agree"** to move on, with the following exceptions:

- At the **Welcome** step, sign up (or sign in) for your own Qt Account.
 - Enter your **@stanford.edu** email and verify your account via email.
 - When setting up your account, you do not have to enter a phone number or city.

1) Download and run the Qt installer
2) Install CS106-specific package
3) Configure settings

这段话是在说如果有旧版本的Qt, 按照这个指示, 先卸载旧版本的Qt

如果没有旧版本的Qt或者旧版本的Qt已经被卸载了, 就点击这个, 下载Qt

Qt Group Products Solutions Resources Developers Price, Buy. Download, Try.

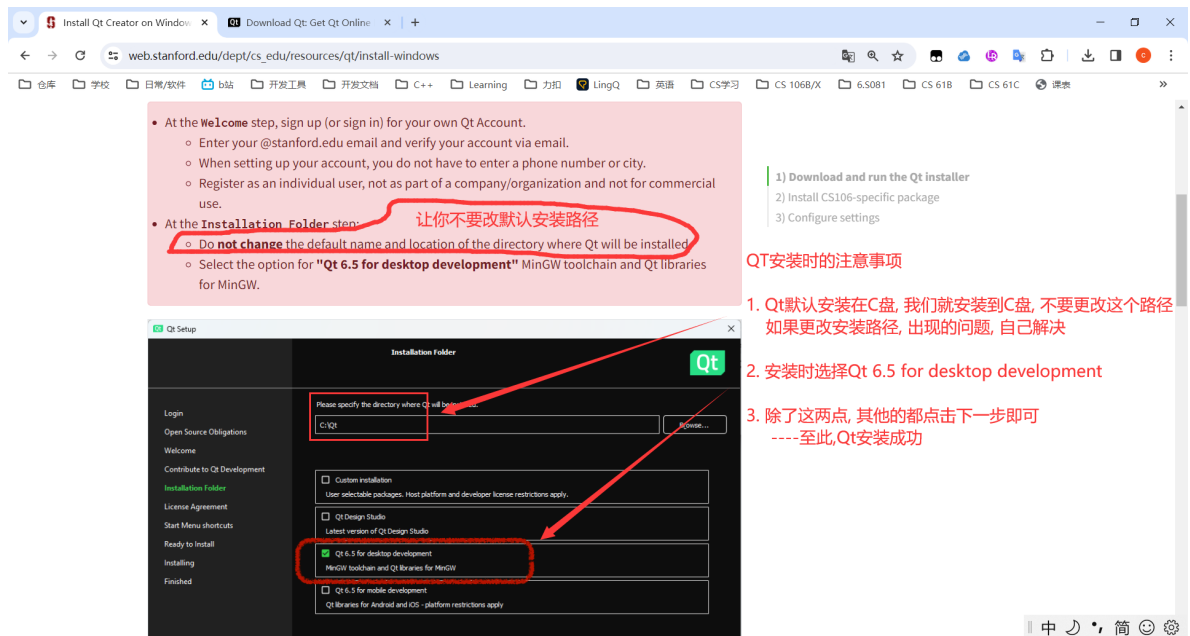
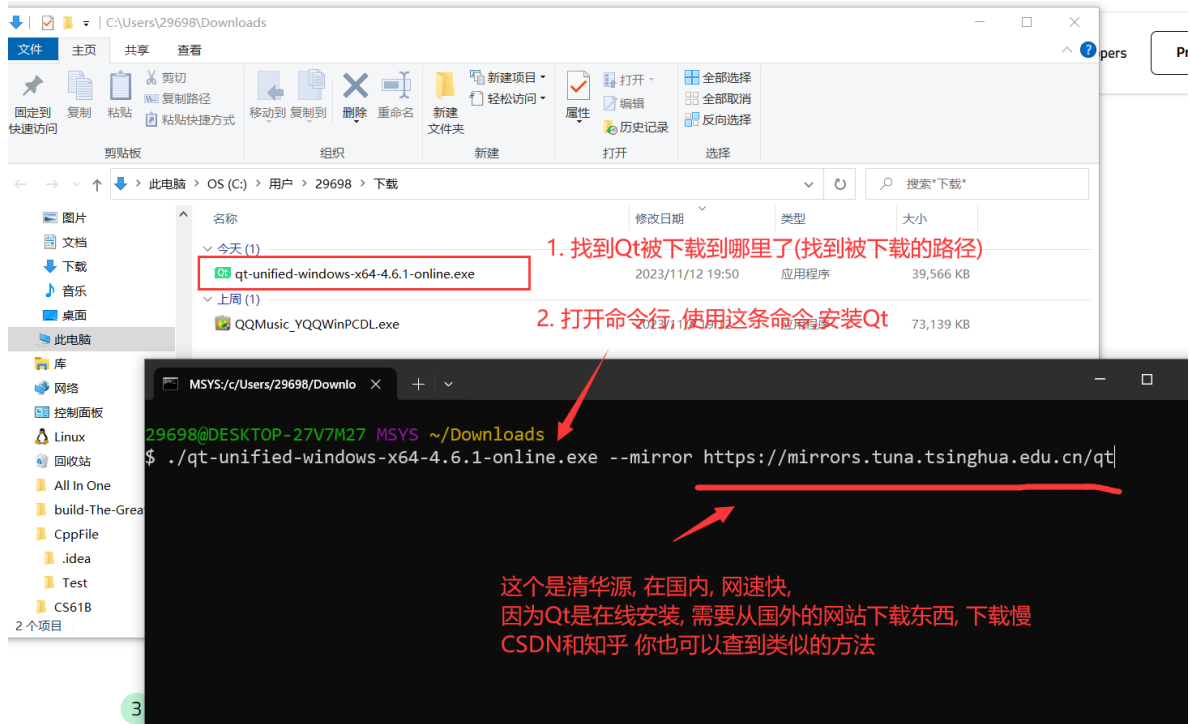
Thank you for downloading Qt Installer

If the download does not start automatically, click [here](#) or select another installer: for [macOS](#) | [Linux](#)

Start your journey with Qt in a few simple steps

- 1 Verify your email address
We have sent you a link to verify your email address. Please, check your inbox and verify your email, otherwise the license will expire in 24 hours
- 2 Sign in using your Qt account credentials
Please, be sure you use right credentials upon starting the installer. This will enable access to all your additional commercial Qt components

跳转到这个网站后, 点击这个, 下载Qt



下载CS106项目 并编译

Wait until the installation process is finished (it can take a while), exit the installer when done.

2) Install CS106-specific package

After installing Qt, you must **install the CS106-specific package** and do a **complete build and run cycle** to confirm all is working properly.

Download CS106 package and extract

- Download this archive file: [CS106.zip](#)
- Un-zip the download contents (on a Windows computer, click "Extract all") to a location of your choice. You should have a folder named **CS106** with several files and folders inside.

Open and configure CS106 project

A Qt Creator project includes a file named with a **.pro** extension. Double-clicking the **.pro** file opens the project in Qt Creator.

- Find the **CS106.pro** file and open it now.
 - If your Windows File Explorer options are set to hide filename extensions, the file **CS106.pro** will display the name **CS106**. You can change whether extensions are displayed in File Explorer by choosing menu item File->Options, select the "View" tab and under "Advanced settings", uncheck "Hide extensions for known file types". Click "Apply" button.
- When opening a project for the first time, Qt Creator will ask you to configure the project build kit. The "Configure Project" panel shows the list of available build kits (see screenshot below). The default kit should already be selected; it will match the desktop kit you selected when installing Qt Creator (version **Qt 6.x.x**).
- Accept the default by clicking the "Configure Project" button.

- 1) Download and run the Qt installer
- 2) **Install CS106-specific package**
 - Download CS106 package and extract
 - Open and configure CS106 project
 - Build the program
 - Run the program
- 3) Configure settings

CS 106B&106L交流群

聊天 公告 相册 文件 应用 设置

共8个文件 (已使用294MB/10GB)

文件	更新时间	过期时间	大小	上传者	下载次数
入群建议先看这个(md版).rar	刚刚	永久	805KB	头号废...	0次
入群建议先看这个(pdf版).pdf	刚刚	永久	1.16MB	头号废...	0次
CS106B-2023-11-12更新.zip	刚刚	永久	54.4MB	头号废...	0次
CS106B-2023-11-1更新.rar	刚刚	永久	53.7MB	头号废...	11次
CS106L 书籍.pdf	2023-11-01	永久	3.29MB	头号废...	2次
CS106B 书籍.pdf	2023-11-01	永久	72.4MB	头号废...	5次
CS 106L课件-2019&2020.rar	2023-10-30	永久	50.8MB	头号废...	1次
CS106L课件示例代码--2019&2020.rar	2023-10-30	永久	2.28MB	头号废...	1次

【网络正能量倡议书】腾讯呼吁网友共建绿色QQ群 抵制色情、反动等违法信息。

C:\Users\29698\Desktop\CS106B-2023-11-12更新

文件 主页 共享 查看

我们做这个作业

名称	修改日期	类型	大小
2022 Summer作业--要求2022SPL	2023/11/12 20:37	文件夹	
2022 Winter作业--要求2021SPL(推荐写这个)	2023/11/12 20:37	文件夹	
2023 Winter作业--要求2023SPL	2023/11/12 20:37	文件夹	
CS106-2020SPL	2023/11/12 20:37	文件夹	
CS106-2021SPL	2023/11/12 20:37	文件夹	
CS106-2023SPL	2023/11/12 20:37	文件夹	
readme.txt	2023/11/12 20:13	文本文档	1 KB

这个是当时的2022Winter作业, 要求的CS106文件夹

