

Python Class Software Installation

Install VSCode

VSCode is the python program editor we will use in our class.

- 下载 VSCode

Google search: vscode download Search result: Download Visual Studio Code - Mac, Linux, Windows

[VSCode Download Website](#)

Download Visual Studio Code - Mac, Linux, Windows

code.visualstudio.com/Download ▼

Download Visual Studio Code. Free and built on open source. Integrated Git, debugging and extensions. By **downloading** and using **Visual Studio Code**, you agree to the license terms and privacy statement .

Insiders Build

For early adopters, you can get the latest release of VS...

Updates

Contributions to vscode-references-view:
Babak K. Shandiz...

Code Editing. Redefined

Visual Studio Code is a code editor redefined and optimized...

FAQ

Visual Studio Code FAQ. Our docs contain a Common questions...

Extensions

One place for all extensions for Visual Studio, Azure DevOps...

File: VSCode-darwin-stable.zip

- Extract zip file to ~/Downloads folder,
 - MacOS: move "Visual Studio Code" to Application folder
 - Windows 10:
- Check the success of the installation

double click the desktop icon, start VSCode.

Install Python

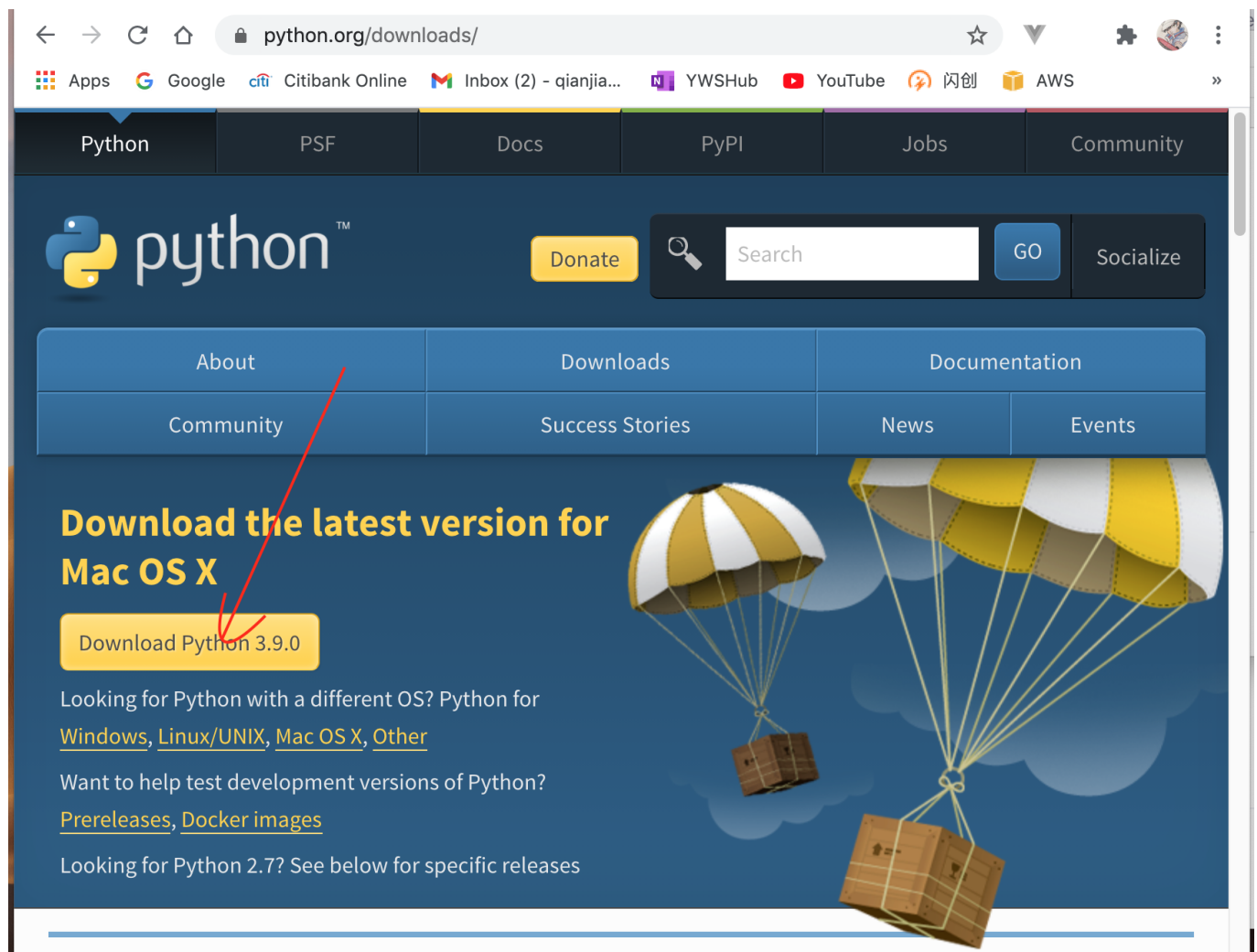
We need Python interpreter installed in order to execute Python program.

- 下载 Python

Google search: python download

Search result: Download Python | Python.org

Python Download Website



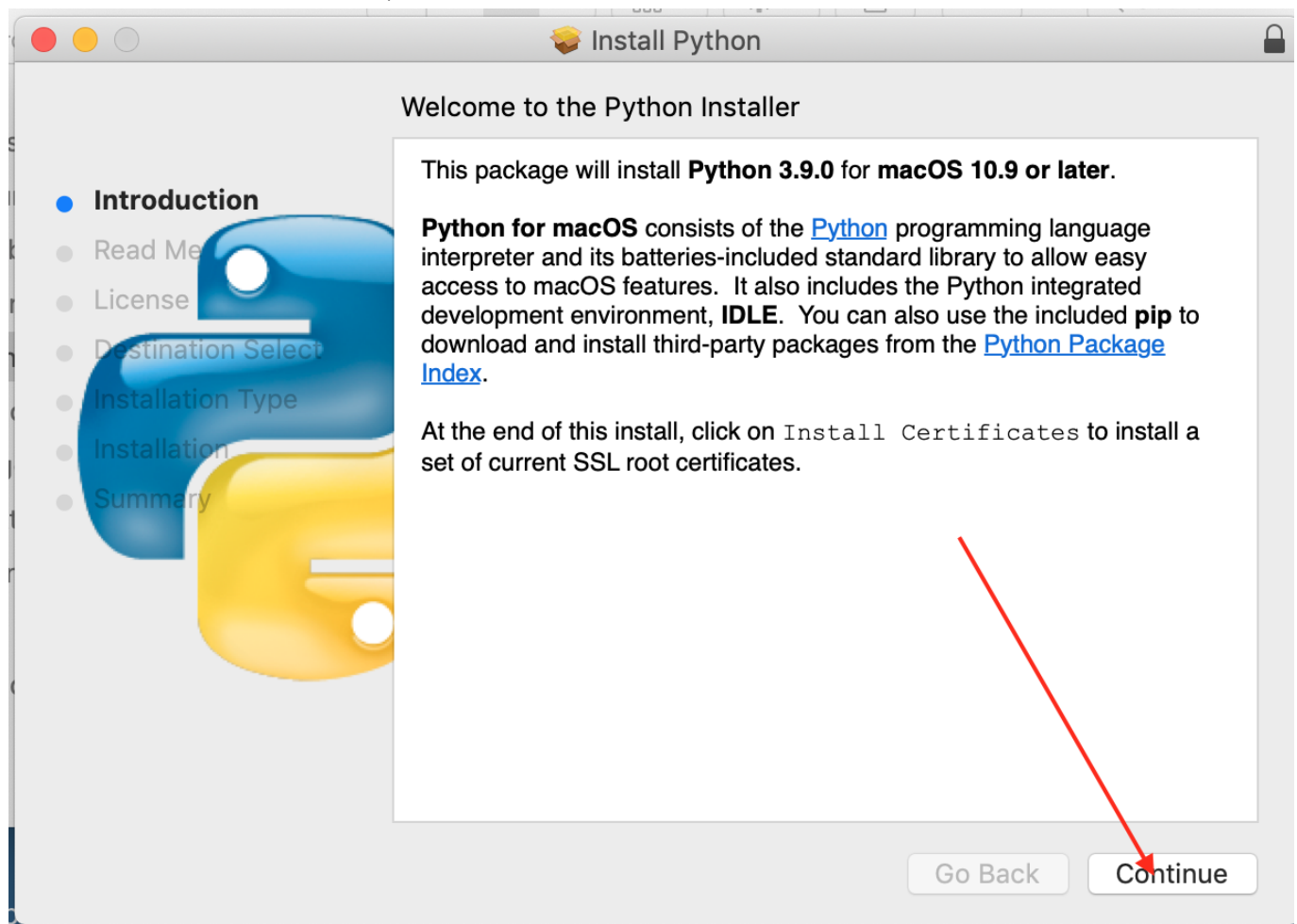
File:

python-3.9.0-macosx10.9.pkg (MacOS)

python-3.9.0-amd64.exe (Windows OS)

- Install python

double click the downloaded file,



- Check the installation

```
python --version
```

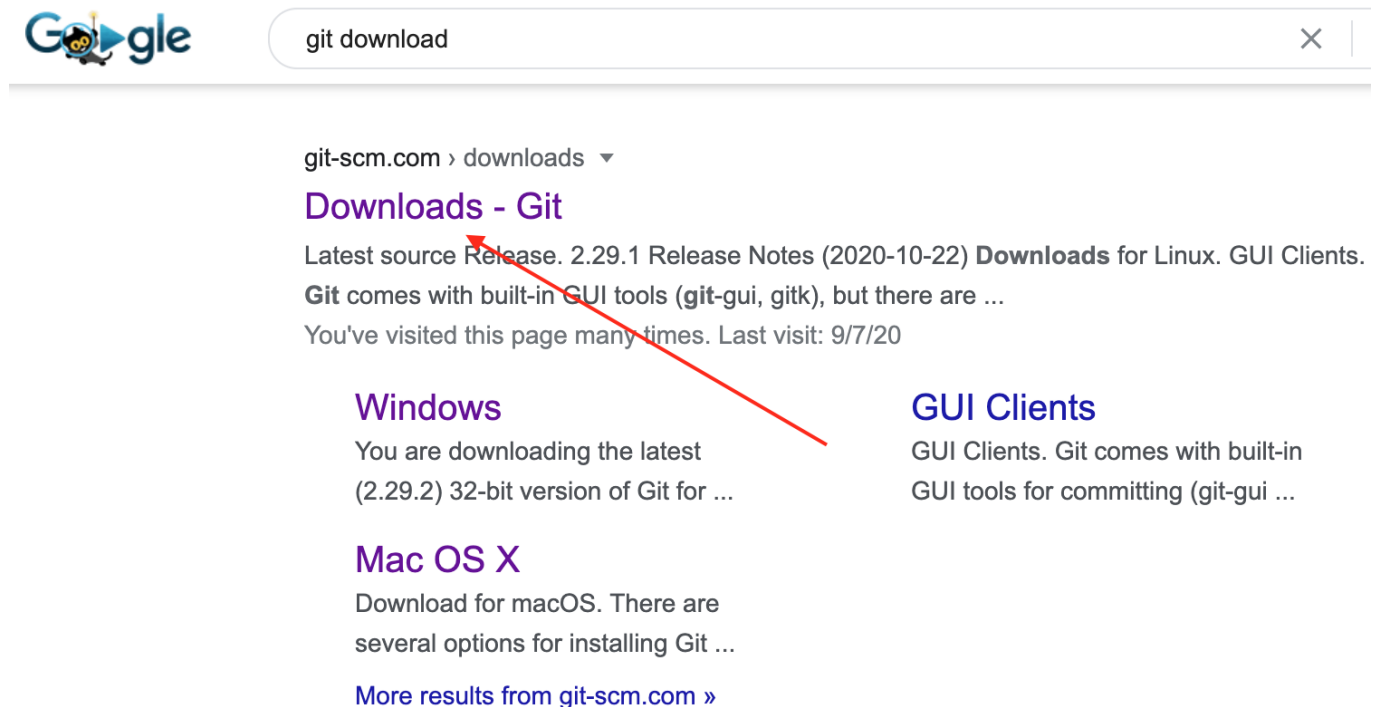
Install Git

Git is very powerful source version control software nowadays, we will use it for our python source code version control and homework repository.

- Download Git

Google search: git downloads Search result: Git - Downloads

[Git Download website](#)



A screenshot of a Google search for "git download". The search bar shows "git download" with a close button. Below the search bar, the results from "git-scm.com" are displayed. The main heading is "Downloads - Git". Below it, a snippet of text reads: "Latest source Release. 2.29.1 Release Notes (2020-10-22) Downloads for Linux. GUI Clients. Git comes with built-in GUI tools (git-gui, gitk), but there are ... You've visited this page many times. Last visit: 9/7/20". There are three main sections: "Windows" (with a subtext "You are downloading the latest (2.29.2) 32-bit version of Git for ..."), "Mac OS X" (with a subtext "Download for macOS. There are several options for installing Git ..."), and "GUI Clients" (with a subtext "GUI Clients. Git comes with built-in GUI tools for committing (git-gui ..."). A red arrow points from the "Downloads - Git" heading to the "Download 2.29.2 for Windows" button on a monitor image in the lower section.

git-scm.com › downloads ▾

Downloads - Git

Latest source Release. 2.29.1 Release Notes (2020-10-22) **Downloads** for Linux. GUI Clients. Git comes with built-in GUI tools (**git-gui**, **gitk**), but there are ...
You've visited this page many times. Last visit: 9/7/20

Windows

You are downloading the latest (2.29.2) 32-bit version of Git for ...

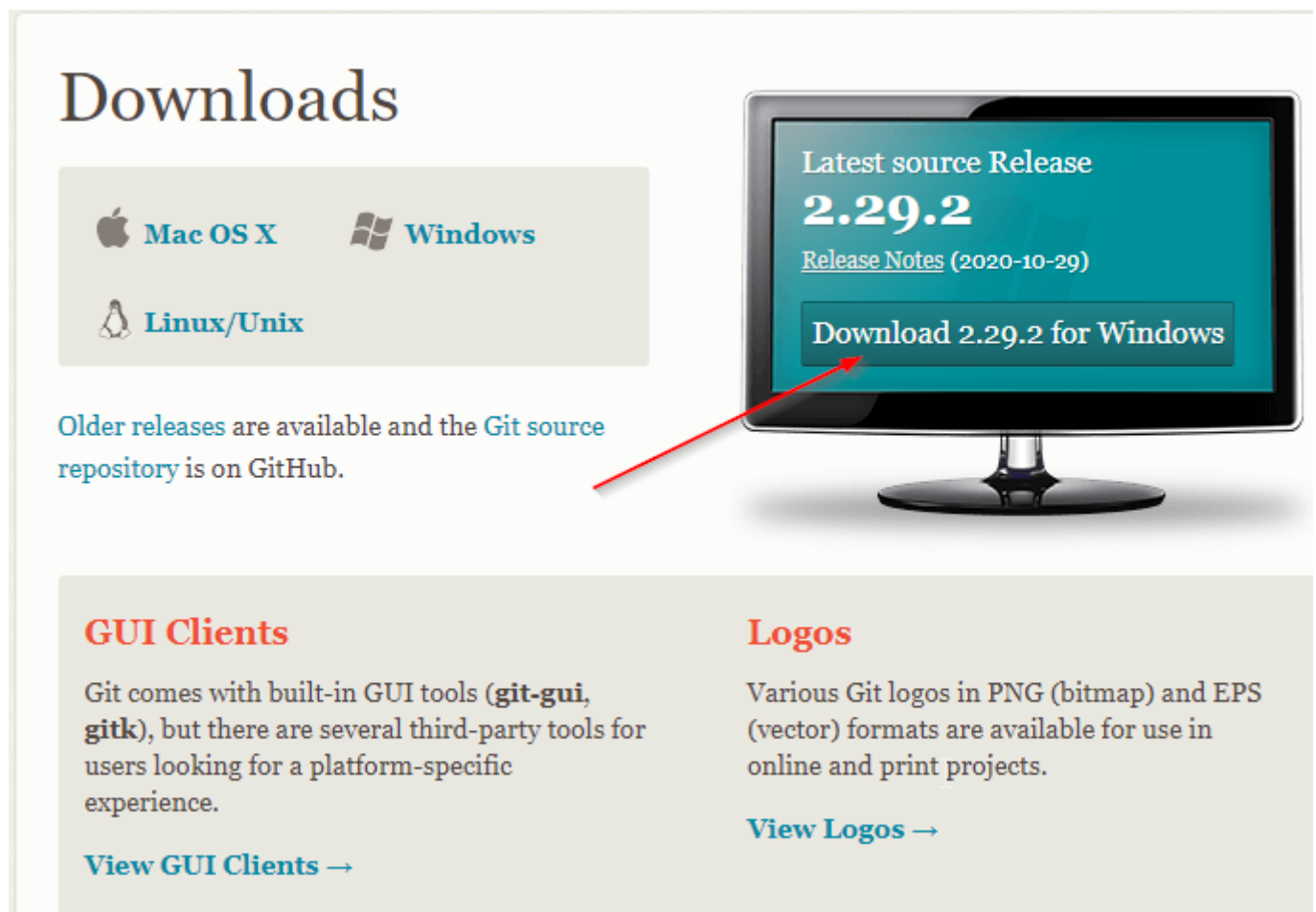
Mac OS X

Download for macOS. There are several options for installing Git ...

GUI Clients



GUI Clients. Git comes with built-in GUI tools for committing (git-gui ...


[More results from git-scm.com »](#)



A screenshot of the "Downloads" page on the Git website. The main heading is "Downloads". Below it, there are three icons representing operating systems: "Mac OS X", "Windows", and "Linux/Unix". To the right, there is a monitor displaying the "Latest source Release 2.29.2" with a link to "Release Notes (2020-10-29)" and a button that says "Download 2.29.2 for Windows". A red arrow points from the "Download 2.29.2 for Windows" button on the monitor to the "Older releases" text below the OS icons. Below the OS icons, the text reads: "Older releases are available and the Git source repository is on GitHub." At the bottom, there are two sections: "GUI Clients" (with a subtext "Git comes with built-in GUI tools (git-gui, gitk), but there are several third-party tools for users looking for a platform-specific experience." and a link "View GUI Clients →") and "Logos" (with a subtext "Various Git logos in PNG (bitmap) and EPS (vector) formats are available for use in online and print projects." and a link "View Logos →").

Downloads

 **Mac OS X**  **Windows**

 **Linux/Unix**

Older releases are available and the Git source repository is on GitHub.

GUI Clients

Git comes with built-in GUI tools (**git-gui**, **gitk**), but there are several third-party tools for users looking for a platform-specific experience.

[View GUI Clients →](#)

Logos

Various Git logos in PNG (bitmap) and EPS (vector) formats are available for use in online and print projects.

[View Logos →](#)

File: Git-2.29.2-64-bit.exe

- install Git

double click the executable file.

- Use brew to install git on MacOS

```
brew install git  
ls -la /usr/local  
sudo chown -R wangqianjiang:wheel /usr/local  
brew link git
```

- Check the installation

```
git --version
```