

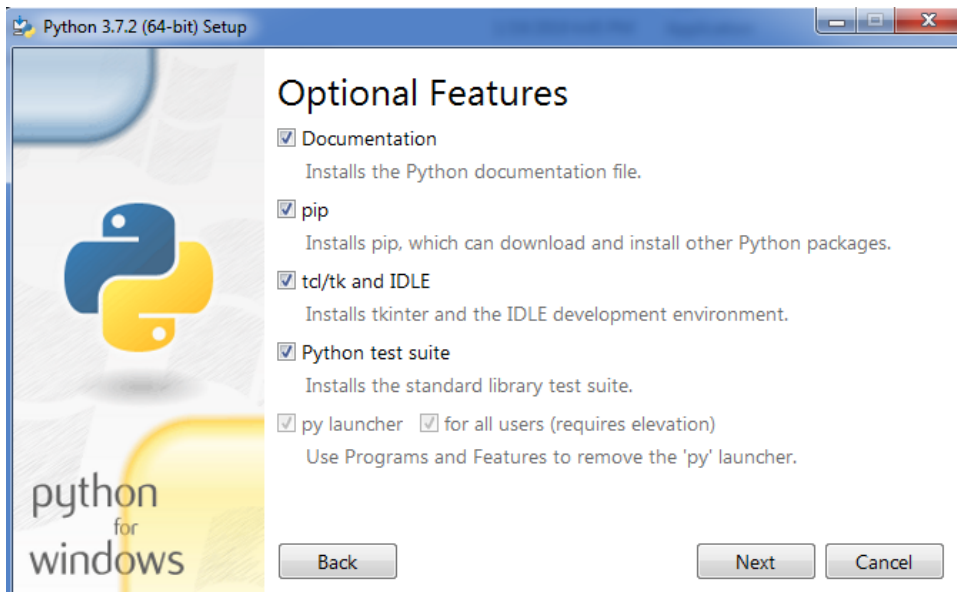
1. Windows

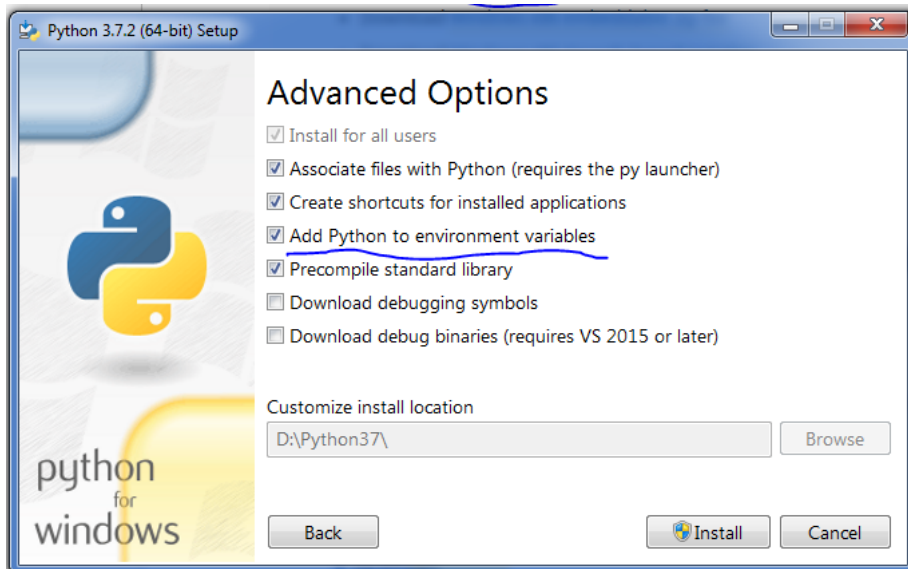
- (1) Go to <https://www.python.org/downloads/windows/> and download Python3
Make sure to download the executable installer which will do everything for you.

Python Releases for Windows

- [Latest Python 3 Release - Python 3.7.2](#)
- [Latest Python 2 Release - Python 2.7.15](#)
- [Python 3.7.2 - 2018-12-24](#)
 - [Download Windows x86 web-based installer](#)
 - [Download Windows x86 executable installer](#)
 - [Download Windows x86 embeddable zip file](#)
 - [Download Windows x86-64 web-based installer](#)
 - [Download Windows x86-64 executable installer](#)
 - [Download Windows x86-64 embeddable zip file](#)
 - [Download Windows help file](#)

- (2) Install python 3



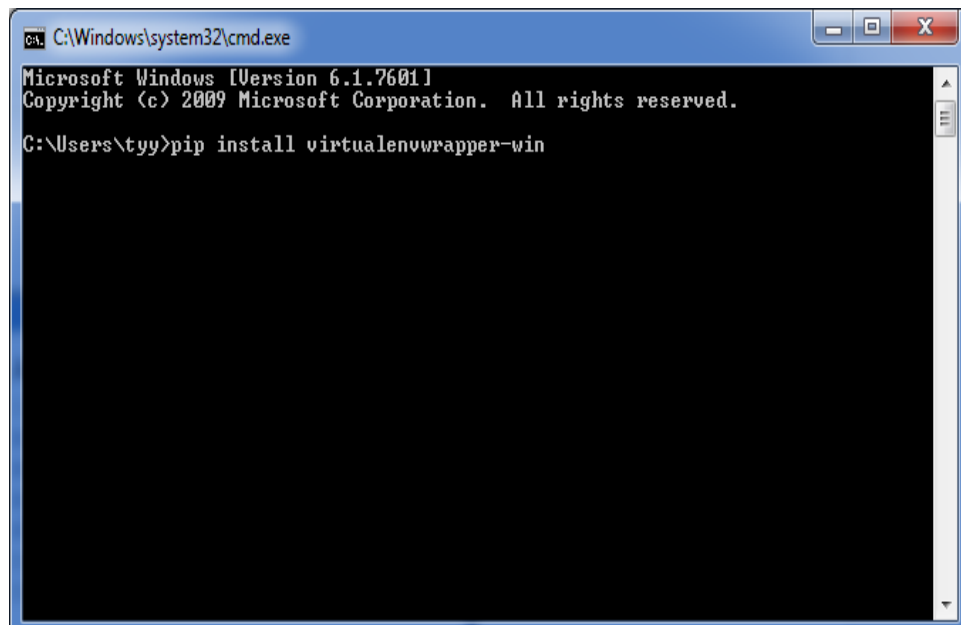


Remember to check Add Python to environment variables.

(3) Install Virtualenvwrapper

The instruction link: <https://pypi.org/project/virtualenvwrapper-win/>

Under command line run:



(4) Test the environment

Use command "mkvirtualenv" to see if you can create your own virtual environment.

2. Mac

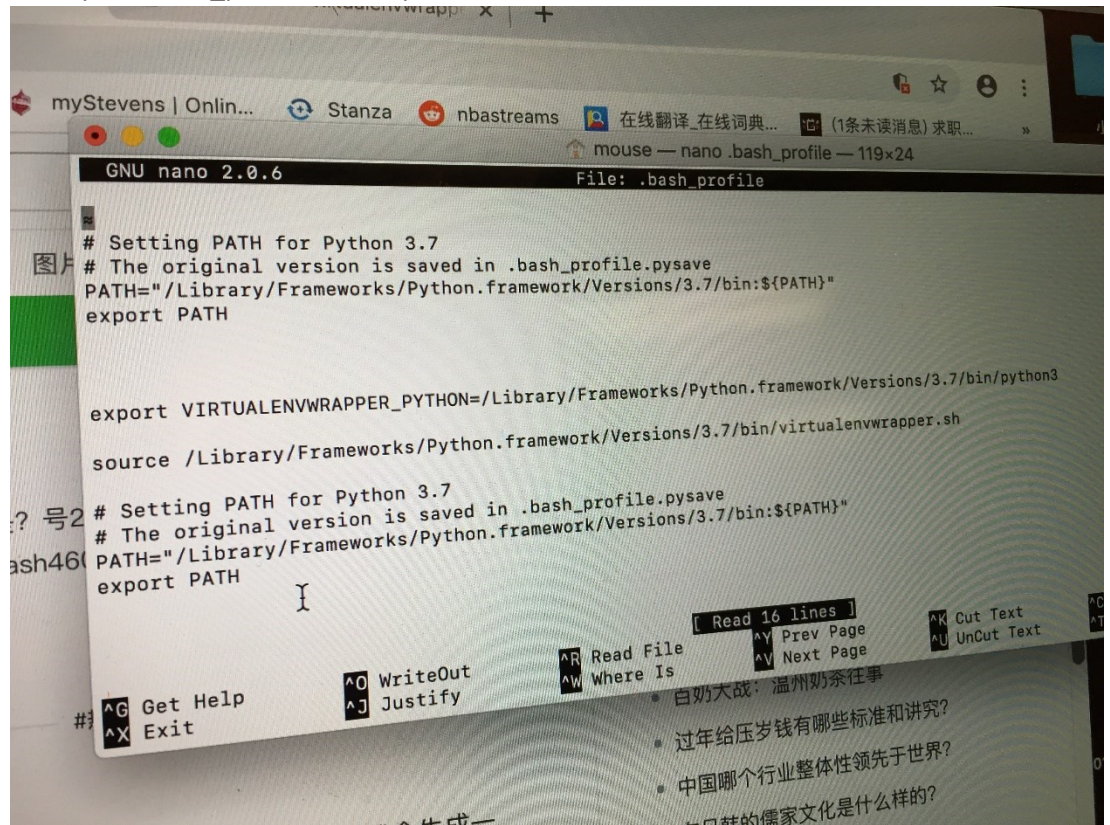
(1) The installation of Python3 and virtualenvwrapper is easy, so we skip those.

(2) Problem: unable to run the virtual environment.

The reason is that Mac has Python2 pre-installed. So you need to change the environment variables-switch from Python2 to Python3.

(3) Solution:

- a. Startup Terminal.
- b. Type "cd ~/" to go to your home folder.
- c. Type "touch .bash_profile" to create your new file or you can modify it with nano if there is an existing one.
- d. Edit .bash_profile with your favorite editor (or you can just type "open -e .bash_profile" to open it in TextEdit.
- e. modify the .bash_profile add scripts as below:



```
GNU nano 2.0.6 File: .bash_profile
# Setting PATH for Python 3.7
# The original version is saved in .bash_profile.pysave
PATH="/Library/Frameworks/Python.framework/Versions/3.7/bin:${PATH}"
export PATH

export VIRTUALENVWRAPPER_PYTHON=/Library/Frameworks/Python.framework/Versions/3.7/bin/python3
source /Library/Frameworks/Python.framework/Versions/3.7/bin/virtualenvwrapper.sh

# Setting PATH for Python 3.7
# The original version is saved in .bash_profile.pysave
PATH="/Library/Frameworks/Python.framework/Versions/3.7/bin:${PATH}"
export PATH
```

- f. close .bash_profile and run command source .bash_profile.
- g. Test the installation with mkvirtualenv.