How To Install
Selenium Using Python

Selenium Using Python Video Playlist
https://www.youtube.com/playlist?list=PLfp-cJ6BH8u9sO59X4pnKwdbcMiAfOHXr
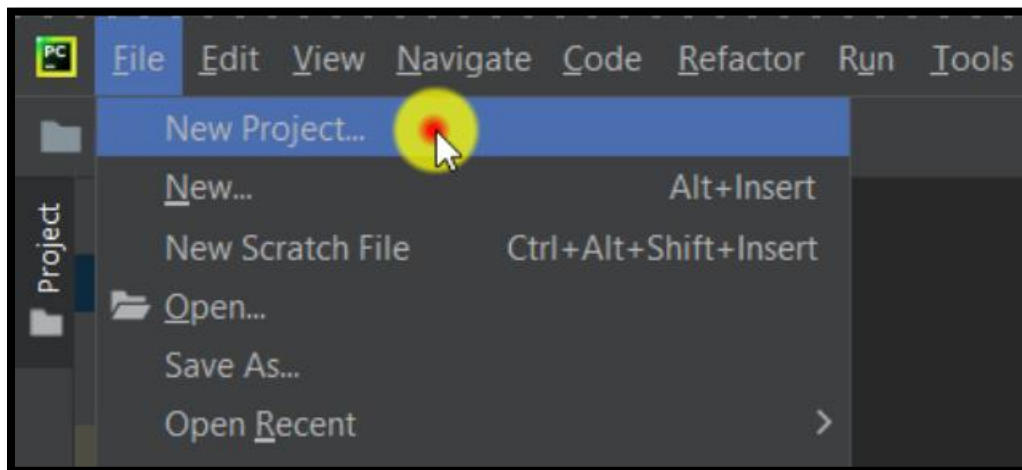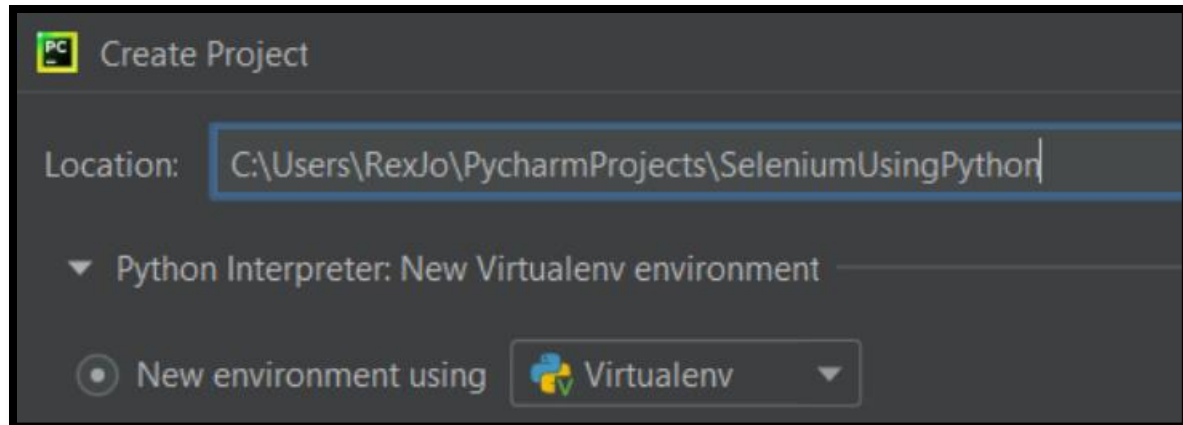
Install Selenium

Hello and welcome to Selenium using Python. It's a new playlist series where I will show you how to automate a website. Just about anything you want to do with a webpage, I will show you step-by-step. A programming language like Python and an IDE like PyCharm are required for Selenium. In the Python Programming series, I demoed how to install Python and PyCharm. This video will focus on installing Selenium.
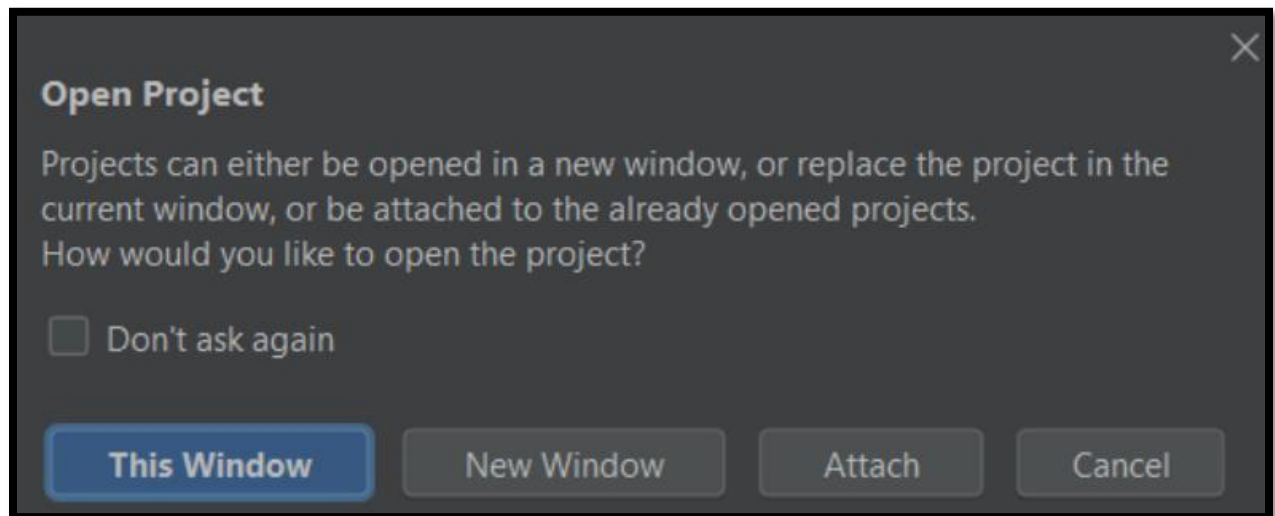
Create New Project
Start by going to PyCharm so we can create a new project. Go to File, New Project, then type the project name SeleniumUsingPython then click Create.
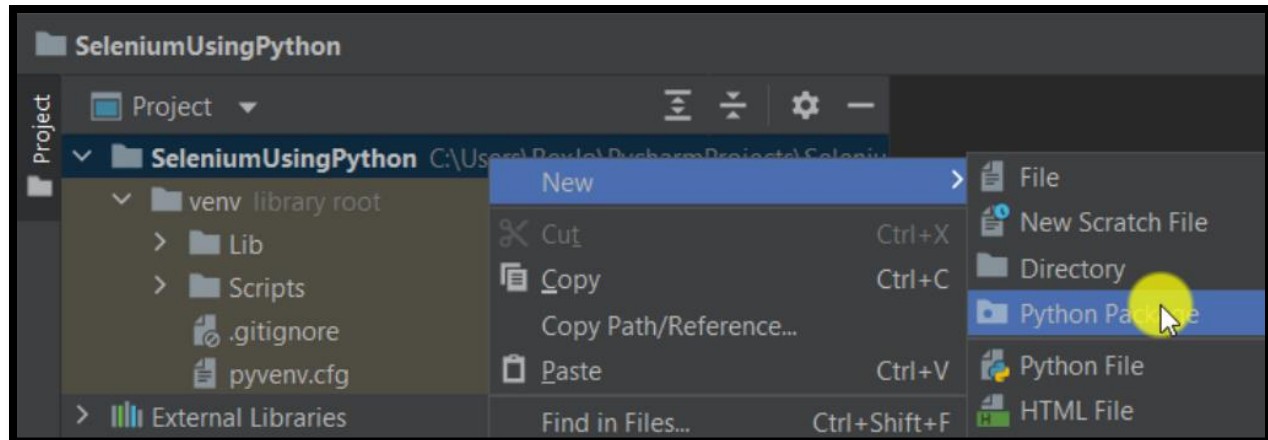
We have the option of selecting This Window, New Window, Attach, or Cancel. I am going to select New Window.
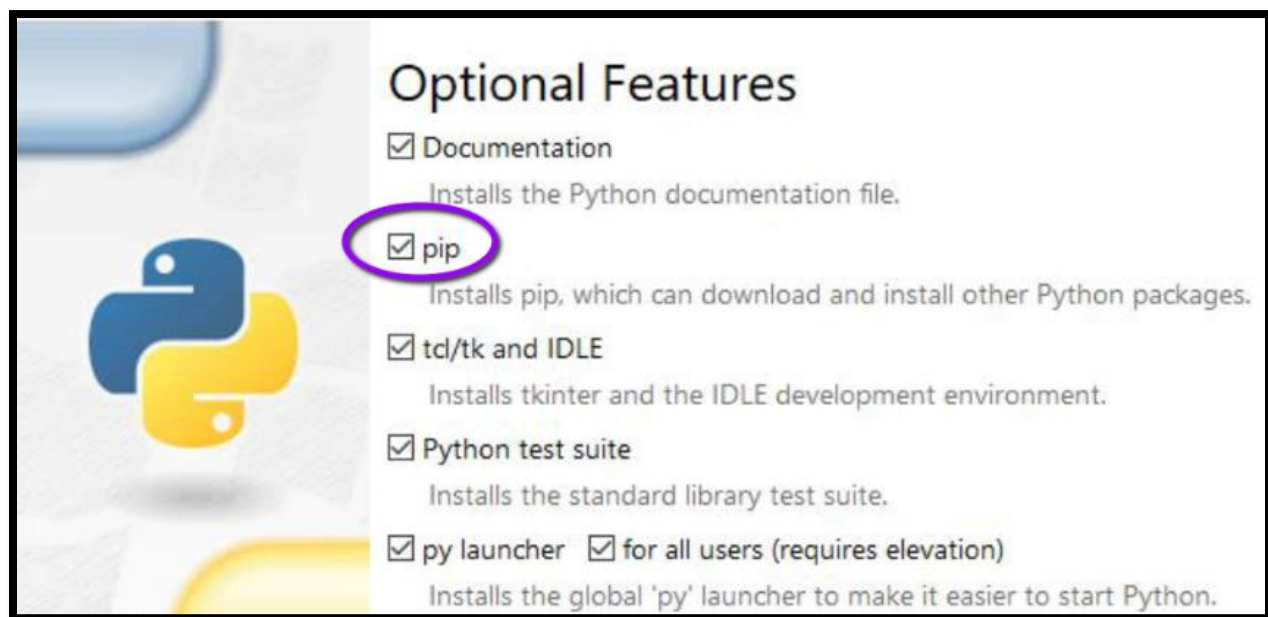

Next step is to create a package. Right click Selenium Using Python, New, Python Package, and the name will be SeleniumTutorials then click Enter.
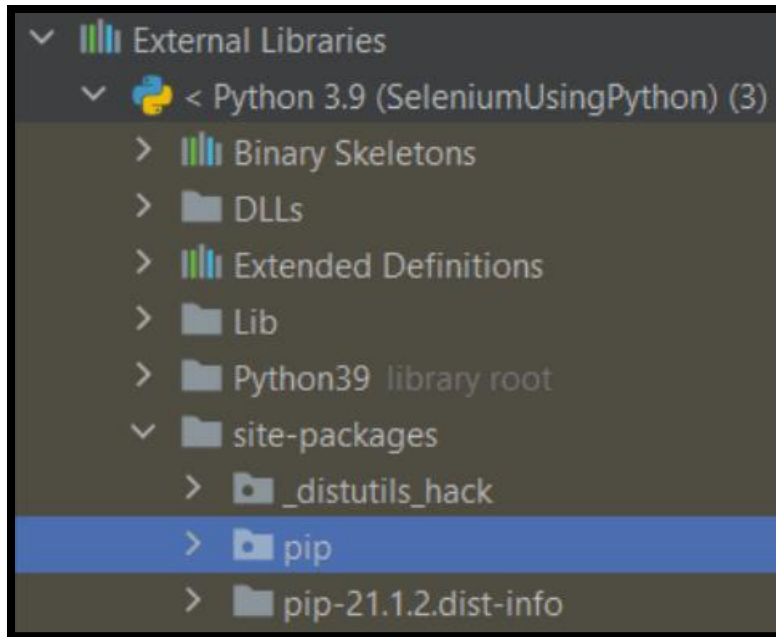
Next, let's install Selenium.
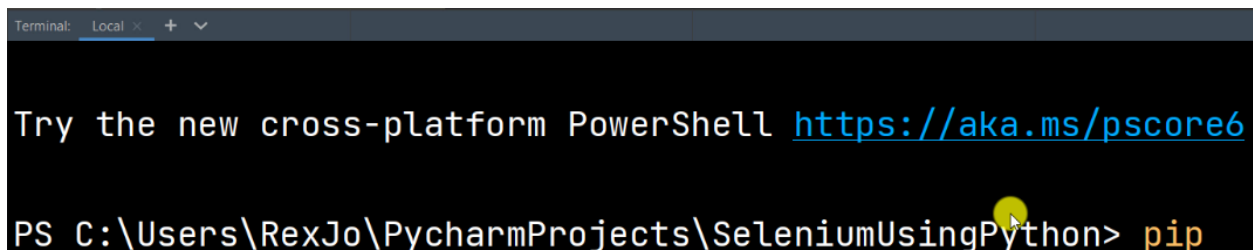
Verify pip (Preferred Installer Python)

To install Selenium, the 1st step is to make sure pip is working. pip is an acronym for Preferred Installer Python. It's a package manager and comes as an Optional Feature when installing Python. I created a transcript for installing Python and PyCharm. In this document, we see the 2nd checkbox shows pip.

 I'll leave a link to the GitHub document in the description. pip allows us to install and manage additional libraries like Selenium. So, you should have pip if you selected this checkbox under Optional Features. Go to External Libraries then select site-packages and here's pip.

However, let's verify pip is working because sometimes it can have a problem. If you have a PC then go to your command prompt. If you have a MAC or PyCharm then go to the Terminal then type pip.

You can also type pip3. You know pip is working when you see all of this information such as General Options, Commands, and Usage. It is not working if you see not recognized. For example, when I type pop, we see not recognized.

If not recognized then you will need to configure pip. 2 of the problems may be, you did not check the pip checkbox as a Python feature or it's not on the system path.

Install Selenium

There is a command called pip list. This command returns a list of all packages in the current environment. Right now, we see pip, setuptools, and wheel.

```
PS C:\Users\RexJo\PycharmProjects\SeleniumUsingPython> pip list
```

```
pip         21.1.2
setuptools  57.0.0
wheel       0.36.2
```

We can install selenium 2 ways. One way is by typing pip install -U selenium.
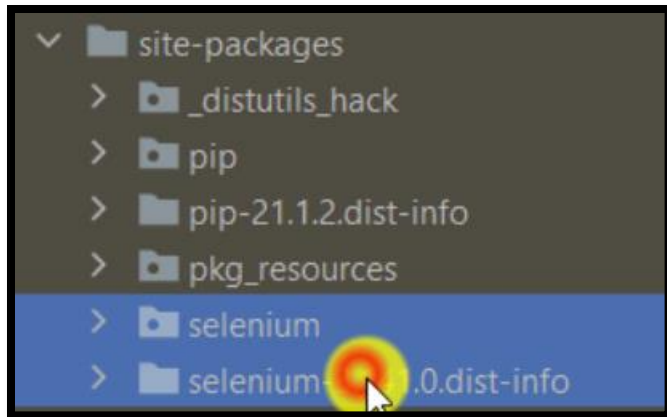
```
pip install -U selenium
```

The 2nd way is by typing pip install selenium without -U.
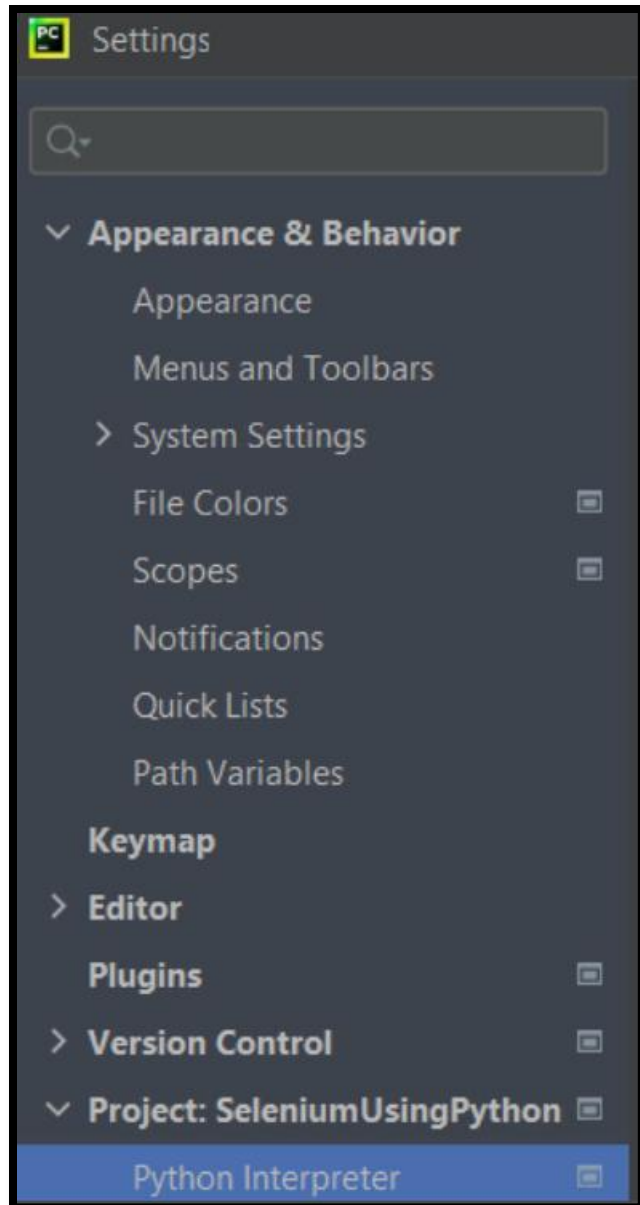
```
pip install selenium
```

Press Enter and the Terminal shows Successfully installed selenium. Now type pip list and we see selenium in the package list.

```
selenium    3.141.0
setuptools  57.0.0
urllib3     1.26.7
wheel       0.36.2
```

If you wanted to uninstall Selenium, we can go to Python Interpreter. But, let's verify another way we have Selenium. We can go back to External Libraries, site-packages, then we see selenium.

To uninstall Selenium or install Selenium, we can also use the Python Interpreter by going to File, Settings and Python Interpreter and that's located under Project.

PC Settings

Q-

∨ **Appearance & Behavior**

   Appearance

   Menus and Toolbars

   › System Settings

   File Colors   ▣

   Scopes   ▣

   Notifications

   Quick Lists

   Path Variables

Keymap

› **Editor**

Plugins   ▣

› **Version Control**   ▣

∨ **Project: SeleniumUsingPython** ▣

   Python Interpreter   ▣

Now we see the packages.

To uninstall, click the minus symbol after selecting Selenium. A tooltip says "Uninstall". To install a package, click the + symbol. If you prefer the Terminal, then type pip uninstall selenium.

Next, I will show you how to install webdriver using webdriver-manager.

Contact Info

✔ Website https://www.rexjones2.com/

✔ YouTube https://www.youtube.com/c/RexJonesII/videos

✔ Facebook https://facebook.com/JonesRexII

✔ Twitter https://twitter.com/RexJonesII

✔ GitHub https://github.com/RexJonesII/Free-Videos

✔ LinkedIn https://www.linkedin.com/in/rexjones34/