

Selenium 3.x Setup For Windows

This is important to set geckodriver path to run Firefox Browser using Selenium 3.x version

Download latest geckodriver from this location:

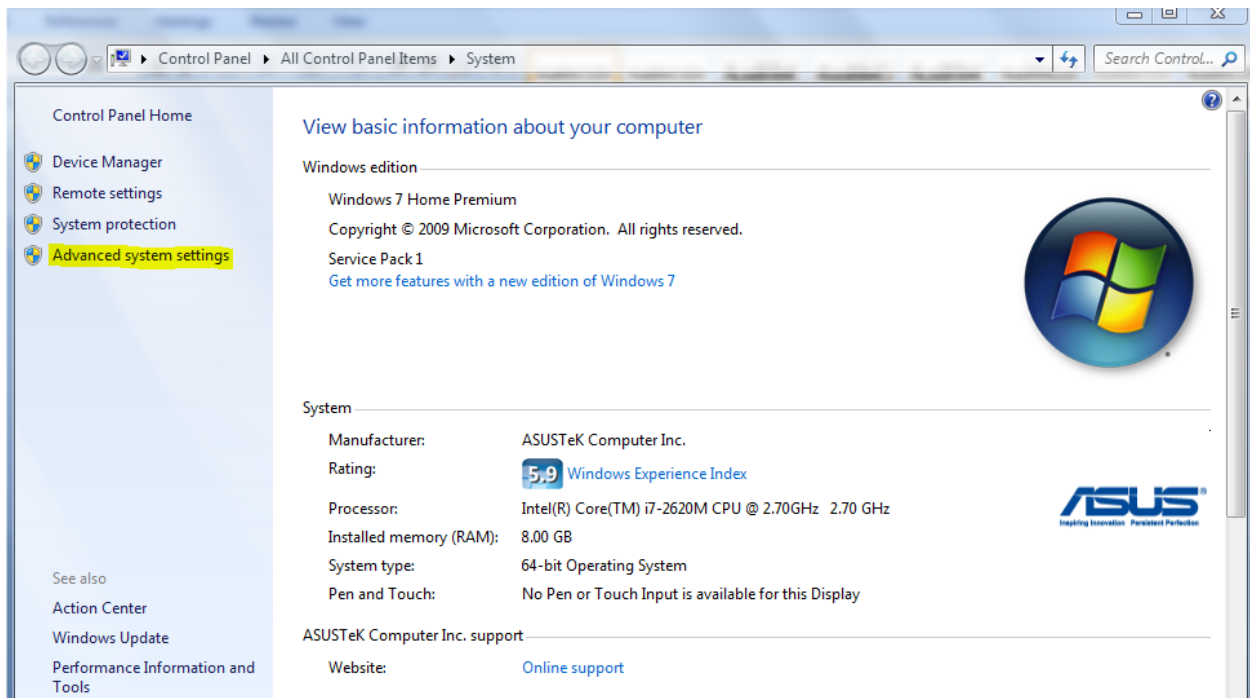
<https://github.com/mozilla/geckodriver/releases>

Extract the geckodriver and save the geckodriver at any location:

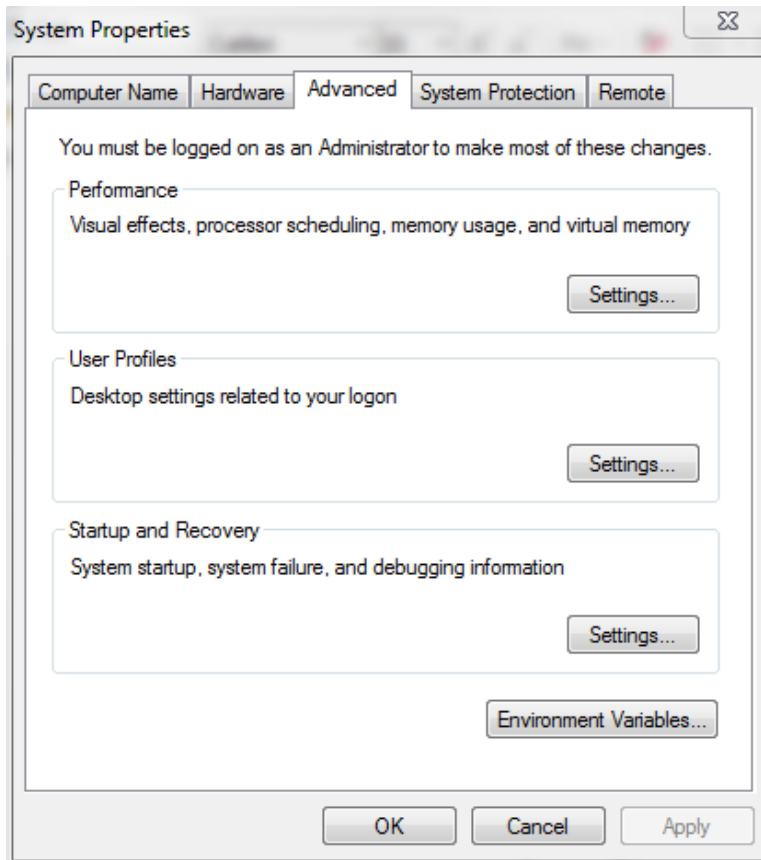
1. Assume you have the folder with the name workspace under your username
2. Navigate to the project location using Windows Explorer
3. Create a folder and name it "libs"
4. Copy the extracted file to this location
5. Get the complete path of the location
6. Example path: C:\Users\username\workspace\libs

Configuration:

- **Go to My Computer -> Properties -> Advanced System Settings**



- **Click on Environmental Variable**



- In system Variable, select the Path and click Edit
- Enter the following information in the variable value:

Example Location: **C:\Users\username\workspace\libs**

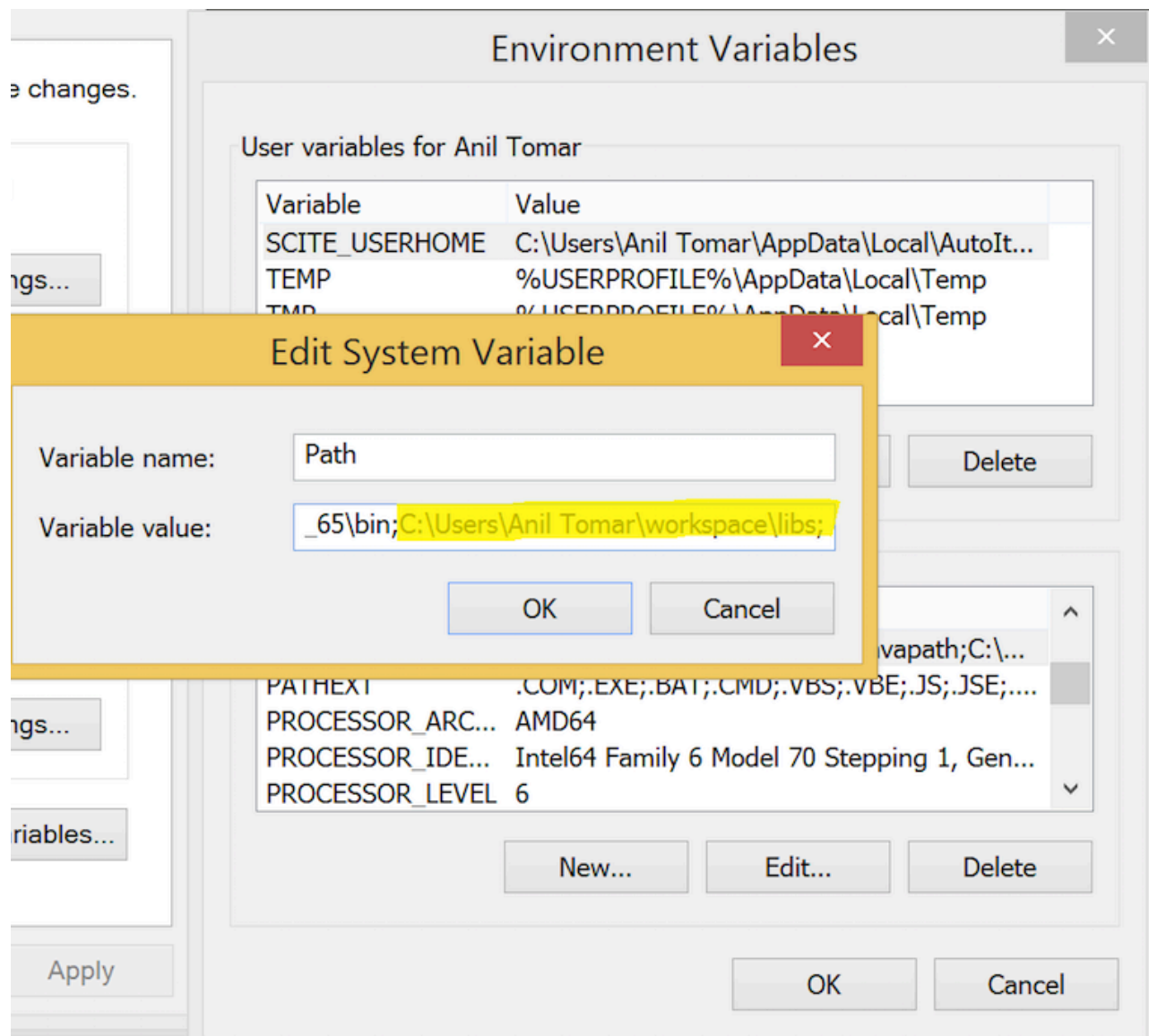
- Click OK button
- **Restart the system.**

NOTE: Multiple directories need to be separated by semi colon.

Example: **C:\Program Files; C:\Users\username\workspace\libs**

NOTE: geckodriver.exe name should not be in the path, only the folder location should be in the path

Image is attached below



If you see this error message:

Traceback (most recent call last):

```
File "C:/Users/Anil
    Tomar/PycharmProjects/SeleniumWD2Tutorial/basicweb/RunFFTestsWindow
    s.py", line 14, in <module>
    ffTest.test()
File "C:/Users/Anil
    Tomar/PycharmProjects/SeleniumWD2Tutorial/basicweb/RunFFTestsWindow
    s.py", line 10, in test
    driver = webdriver.Firefox()
File "C:\Python34\lib\site-packages\selenium\webdriver\firefox\webdriver.py", line
    150, in __init__
    keep_alive=True)
File "C:\Python34\lib\site-packages\selenium\webdriver\remote\webdriver.py",
    line 92, in __init__
    self.start_session(desired_capabilities, browser_profile)
File "C:\Python34\lib\site-packages\selenium\webdriver\remote\webdriver.py",
    line 179, in start_session
    response = self.execute(Command.NEW_SESSION, capabilities)
File "C:\Python34\lib\site-packages\selenium\webdriver\remote\webdriver.py",
    line 236, in execute
    self.error_handler.check_response(response)
File "C:\Python34\lib\site-packages\selenium\webdriver\remote\errorhandler.py",
    line 192, in check_response
    raise exception_class(message, screen, stacktrace)
selenium.common.exceptions.WebDriverException: Message: Expected browser
    binary location, but unable to find binary in default location, no
    'moz:firefoxOptions.binary' capability provided, and no binary flag set on the
    command line
```

Process finished with exit code 1

Then please follow these steps:

Find the location of your Firefox installation.

Usually it is -> C:\Program Files (x86)\Mozilla Firefox\firefox.exe

Add this to your code like this:

```
from selenium import webdriver
from selenium.webdriver.firefox.firefox_binary import FirefoxBinary

def test(self):

    binary = FirefoxBinary('C:\\Program Files (x86)\\Mozilla Firefox\\firefox.exe')

    driver = webdriver.Firefox(firefox_binary=binary)

    driver.get("http://www.letscodeit.com")
```