**HOW TO OPEN DIFFERENT BROWSERS**

**TO START FIREFOX BROWSER**

# How to open Firefox webbrowser

# Import the library

from selenium import webdriver

# Assign a variable to call firfox

driver = webdriver.Firefox()

driver.get("http://www.google.com")

print(driver.title) # title of the website

print(driver.current\_url) # current url of the website

driver.quit()

**TO START CHROME BROWSER**

Go to 🡪 https://www.selenium.dev/downloads/

Go to Browsers --- Chrome Documentation ---latest Stable release --- Chromedriver\_win.zip Download it --- unzip it --- shift + right click on it and copy as path

from selenium import webdriver

# provide the exectuable path

driver = webdriver.Chrome(executable\_path=""D:\\Webdrivers"")

driver.get("https://www.google.com")

print(type(driver)) # returns --- obj of webdriver

print(driver.title)

driver.quit() # to close the browser

mytitle = driver.title

assert "Google" in mytitle

**TO IE BROWSER**

Same as chrome steps

from selenium import webdriver

driver = webdriver.Ie(executable\_path="D:\\IEDriverServer.exe")

driver.get("http://www.google.com")

**TO OPEN EDGE BROWSER**

Same as chrome steps

from selenium import webdriver

driver = webdriver.Edge(executable\_path="D:\\msedgedriver.exe")

driver.get("http://google.com")

print(driver.title)

print(driver.current\_url)

driver.quit()

NOTE :-

# Executable path depricated

from selenium import webdriver

from selenium.webdriver.chrome.service import Service

from selenium.webdriver.edge.service import Service

ser = Service("D:\\chromedriver.exe")

# here we can use Chrome||Edge||Firefox

driver = webdriver.Chrome(service=ser)

driver.get("http://google.com")

print(driver.title)

print(driver.current\_url)

driver.quit()

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**TO AVOID THE ABOVE METHOD**

**WE CAN REPLACE IT AS SHOWN BELOW**

Open pypi.org --- search webdriver manager --- check for your required browser

this will take the chrome executable path automatically and no need of giving the executable path manually every time

as we know the browsers version gets updated very often so with the help of the webdriver manager it will take care of the browser installation,executable path,latest version download etc

**pip install webdriver-manager**

install the above command in the cmd

**CHROME :---**

**from selenium import webdriver**

**from webdriver\_manager.chrome import ChromeDriverManager**

**driver = webdriver.Chrome(ChromeDriverManager().install())**

**FIREFOX :--**

**from selenium import webdriver**

**from webdriver\_manager.firefox import GeckoDriverManager**

**driver = webdriver.Firefox(executable\_path=GeckoDriverManager().install())**

**EDGE :---**

**from selenium import webdriver**

**from webdriver\_manager.microsoft import EdgeChromiumDriverManager**

**driver = webdriver.Edge(EdgeChromiumDriverManager().install())**