4.7 Screenshots and Browser Profiles



This section will guide you to:

* How to take screenshots using selenium web driver and how to set the browser profile.

**Development Environment**

* Eclipse IDE for Enterprise Java Developers Version Oxygen.3a Release (4.7.3a)
* JavaDevelopment Kit Version 8
* Selenium standalone server Version 3.141.59

This guide has mainly four subsections, namely:

4.7.1 Screenshots

4.7.2 Running the code

4.7.3 Pushing the code to your GitHub repositories

4.7.4 Browser profiles

**Step 4.7.1:** Screenshots

* Open Eclipse
* Convert web driver object to **TakeScreenshot**
* Call getScreenshotAs method to create image file
* Copy file to desired location

**Step 4.7.1.1** Convert web driver object to TakeScreenshot

* Syntax: TakesScreenshot scrShot = (TakesScreenshot)driver;

**Step 4.7.1.2** Call getScreenshotAs method to create image file

* Syntax: File srcFile = scrShot.getScreenshotAs(OutType.FILE);

**Step 4.7.1.3** Copy file to desire location

* Syntax: FileUtils.copyFile(source, filePath);

The script looks like this:

**package** screenshots.screenshot;

**import** java.io.File;

**import** java.io.IOException;

**import** org.openqa.selenium.By;

**import** org.openqa.selenium.OutputType;

**import** org.openqa.selenium.TakesScreenshot;

**import** org.openqa.selenium.WebDriver;

**import** org.openqa.selenium.WebElement;

**import** org.openqa.selenium.chrome.ChromeDriver;

**import** com.sun.jna.platform.FileUtils;

**public** **class** Screenshots {

**public** **static** void main(**String**[] args ) **throws** **IOException**

{

**System**.setProperty("webdriver.chrome.driver", "C:\\Users\\Testing-L-064\\chromedriver\_win32\\chromedriver.exe");

WebDriver driver = **new** ChromeDriver();

driver.get("https://www.flipkart.com/");

WebElement upload = driver.findElement(By.xpath("//\*[@type='text']"));

upload.click();

TakesScreenshot ts = (TakesScreenshot)driver;

**File** scr = ts.getScreenshotAs(OutputType.FILE);

FileUtils.copyFile(scr, **new** **File**("/Screenshot/test.png");

}

}

**Step 4.7.2:** Running the code

* Run the code through eclipse.

**Step 4.7.3:** Pushing the code to your GitHub repositories

Open your command prompt and navigate to the folder where you have created your files

cd <folder path>

Initialize your repository using the following command:

git init

Add all the files to your git repository using the following command:

git add . 

Commit the changes using the following command:

git commit . -m “Changes have been committed.”

Push the files to the folder you initially created using the following command:

git push -u origin master

**Step 1.6.4:** Browser profiles**:**

* First , close the Firefox if it is open.
* Open Run (Windows+R) and type firefox.exe -p and click OK.
* A dialogue box will open named “Firefox -choose user profile.”
* Select the option “Create Profile” from the window, and a Wizard will open. Click on Next.
* Provide your profile name which you want to create, and click on the Finish button.