

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)
- Java Development 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

Initialize your repository using the following command:

git

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

git

Commit the changes using the following command:

git

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

gi

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.