

Screenshot in Selenium

Taking Screenshot in Selenium is a 3 Step process

Step 1) Convert web driver object to TakesScreenshot

```
TakesScreenshot scrShot = ((TakesScreenshot)webdriver);
```

Step 2) Call getScreenshotAs method to create image file

```
File SrcFile=scrShot.getScreenshotAs(OutputType.FILE);
```

Step 3) Copy file to Desired Location

The diagram illustrates the process of taking a screenshot in Selenium. It shows a code snippet with three handwritten annotations and arrows:

- TakesScreenshot interface**: An arrow points to the `TakesScreenshot` interface in the code.
- WebDriver Instance**: An arrow points to the `webdriver` object in the code.
- Method to take screen shot**: An arrow points to the `getScreenshotAs` method in the code.

```
public static void takeSnapShot(WebDriver webdriver, String fileWithPath)
//Convert web driver object to TakesScreenshot
TakesScreenshot scrShot = ((TakesScreenshot)webdriver);
//Call getScreenshotAs method to create image file
File SrcFile=scrShot.getScreenshotAs(OutputType.FILE);
...
```

```
public class ScreenshootGoogle {
```

```
@Test
```

```
public void TestJavaS1()
```

```
{
```

```
// Open Firefox
```

```
WebDriver driver=new FirefoxDriver();
```

```
// Maximize the window
```

```
driver.manage().window().maximize();
```

```
// Pass the url
```

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

```
// Take screenshot and store as a file format
```

```
File src= ((TakesScreenshot)driver).getScreenshotAs(OutputType.FILE);
```

```
try {
```

```
    // now copy the screenshot to desired location using copyFile //method
```

```
FileUtils.copyFile(src, new File("C:/selenium/error.png"));
```

```
}
```

```
catch (IOException e)
```

```
{
```

```
    System.out.println(e.getMessage());
```

```
} }
```