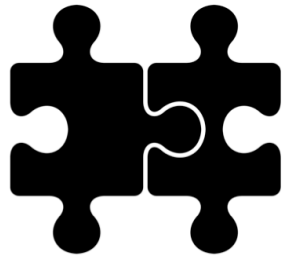


SELENIUM CHEAT SHEETS



by Dave Haeffner

Table of Contents

1. [Local Configuration](#)
2. [Cloud Configuration](#)
3. [Common Actions](#)
4. [Locators](#)
5. [Exception Handling](#)
6. [Waiting](#)

Local Configuration

Chrome

1. Download the latest ChromeDriver binary from [here](#)
2. Add it to your system path (or tell Selenium where to find it)
3. Create an instance of Chrome

```
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;

protected WebDriver driver;
System.setProperty("webdriver.chrome.driver", "/path/to/chromedriver");
driver = new ChromeDriver();
```

For more info see:

- [the Selenium wiki page for ChromeDriver](#)
- [Google's ChromeDriver documentation](#)

Firefox

Available out of the box.

```
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.firefox.FirefoxDriver;

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

For more info see:

- [the Selenium wiki page for FirefoxDriver](#)

Internet Explorer

Only available on Microsoft Windows.

1. Download the latest IEDriverServer from [here](#)
2. Add the downloaded file location to your system [path](#)
3. Create an instance of Internet Explorer

```
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.ie.InternetExplorerDriver;

protected WebDriver driver;
driver = new InternetExplorerDriver();
```

For more info see:

- [the Selenium wiki page for InternetExplorerDriver](#)

Opera

Only works for version 12.16 or earlier. For newer versions of Opera, test using Chrome (since it uses the same back-end).

1. Download the latest Selenium Standalone Server from [here](#)
2. Create a Selenium specific environment variable pointing to the Selenium Standalone Server jar file
3. Create an instance of Opera

```
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.opera.OperaDriver;

protected WebDriver driver;
System.setProperty("SELENIUM_SERVER_JAR", "/path/to/selenium-server-standalone.jar");
driver = new OperaDriver();
```

For more info see:

- [the old Selenium wiki page for OperaDriver](#)

Safari

Available out of the box as of version 2.21 of Selenium.

```
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.safari.SafariDriver;

protected WebDriver driver;
driver = new SafariDriver();
```

For more info see:

- [the Selenium wiki page for SafariDriver](#)
- [a write-up on how to use SafariDriver if you run into issues](#)

Want the rest of the cheat sheets?

[Buy them HERE](#)