

Selenium WebDriver Chrome Options

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Chrome Options

- ChromeOptions is separate in Selenium which will help to manage options specific to ChromeDriver.
- ChromeOptions is class extends MutableCapabilities.
- It added after Selenium 3.6.0

Why it is required?

- If you want to make/change any settings of browser then you can use this class.
- By default Selenium starts fresh profile of browser which don't have any settings, cookies, history and so on.

Chrome Options: Use Cases

```
Chrome Options options = new ChromeOptions()
```

- To add new extension
 - `options.addExtensions(new File("/path/to/extension.crx"));`
- To add binary path
 - `options.setBinary(new File("/path/to/chrome"));`
- To accept untrusted certificate
 - `options.setAcceptInsecureCerts(true);`
- To Disable infobar
 - `options.addArguments("disable-infobars");`
- For Headless Mode
 - `options.addArguments("--headless");`
 - `options.addArguments("--disable-gpu");`

Chrome Options: Code Example

To download extension.crx file, you can visit [Chrome Web Store](#) and download any extension using [CRX Extractor](#)

```
1  class ChromeOptionsExample {  
2      public static void main(String[] args) {  
3          ChromeOptions options = new ChromeOptions();  
4          options.addExtensions(new File("/Users/mahmud/Downloads/extension.crx"));  
5  
6          // Add chrome switch to start browser in maximized mode  
7          options.addArguments("--start-maximized");  
8  
9          // Add chrome switch to set browser language (here setting as Bangla)  
10         options.addArguments("--lang=en");  
11  
12         // Add chrome switch to disable tooltips  
13         options.addArguments("--disable-popup-blocking");  
14  
15         WebDriver driver = new ChromeDriver(options);  
16     }  
17 }
```

Selenium WebDriver File Upload: Code Example

```
1  class FileUploadExample {  
2      public static void main(String[] args) {  
3          WebDriver driver = new ChromeDriver();  
4          driver.get("https://www.lambdatest.com/selenium-playground/upload-file-demo");  
5  
6          WebElement chooseFile = driver.findElement(By.id("file"));  
7          chooseFile.sendKeys("/Users/mahmud/Downloads/github-1-1-1.png");  
8  
9          String message = driver.findElement(By.id("error")).getText();  
10  
11         System.out.println(message);  
12     }  
13 }
```

Thank you ❤

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