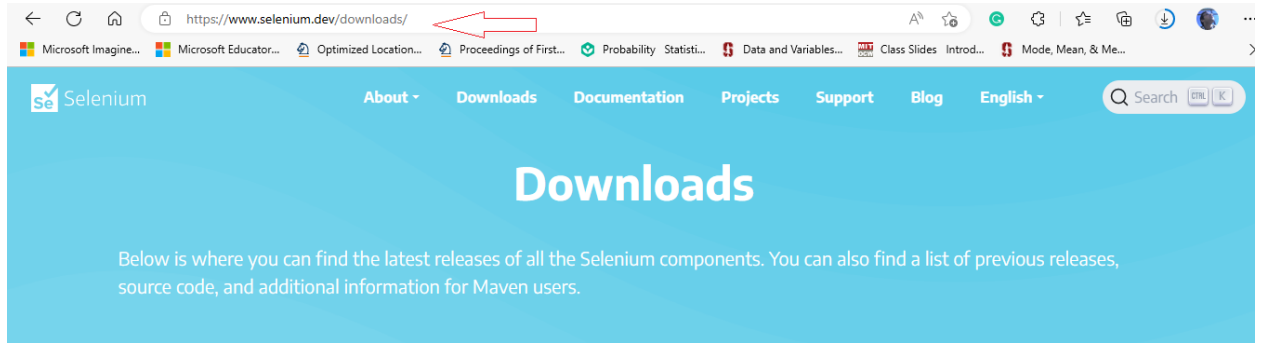


Selenium

1. Download and install eclipse IDE for java developer.
2. Download selenium server standalone jar file and keep in a folder.

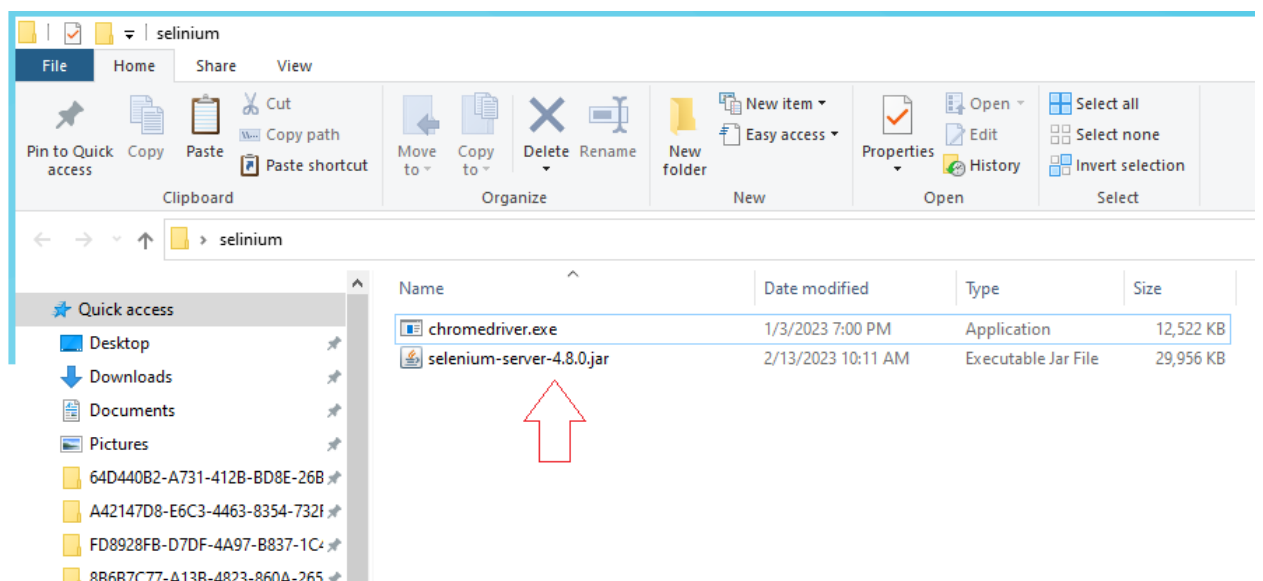


Selenium Server (Grid)

The Selenium Server is needed in order to run Remote Selenium WebDriver (Grid).

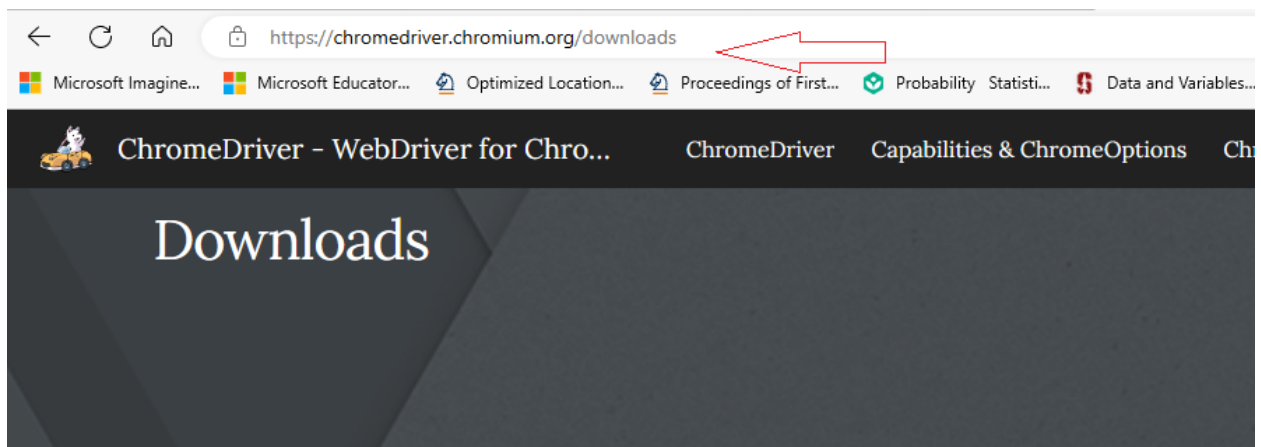
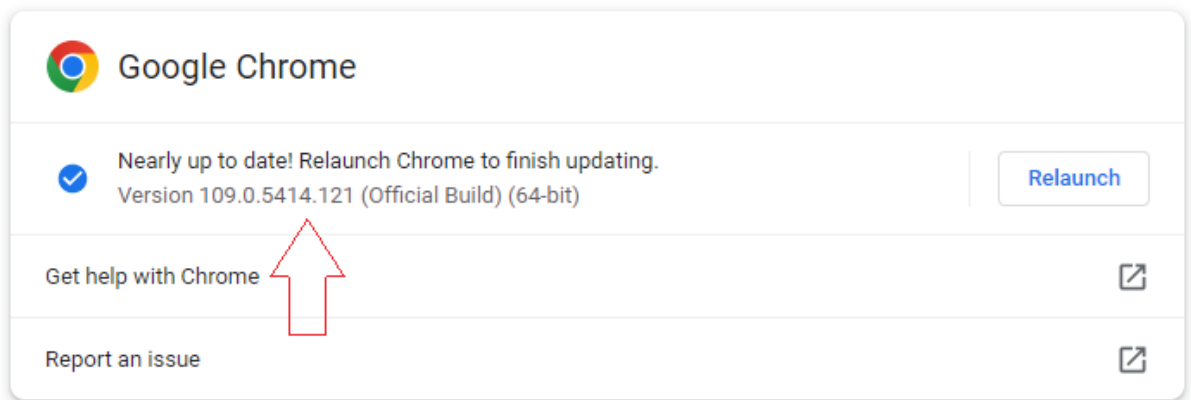
Latest stable version [4.8.0](#)

To use the Selenium Server in a Grid configuration see the [documentation](#).



3. Download chromedriver.exe and keep in the same folder.(before downloading driver check chrome version using chrome help->about google chrome)

About Chrome



Current Releases

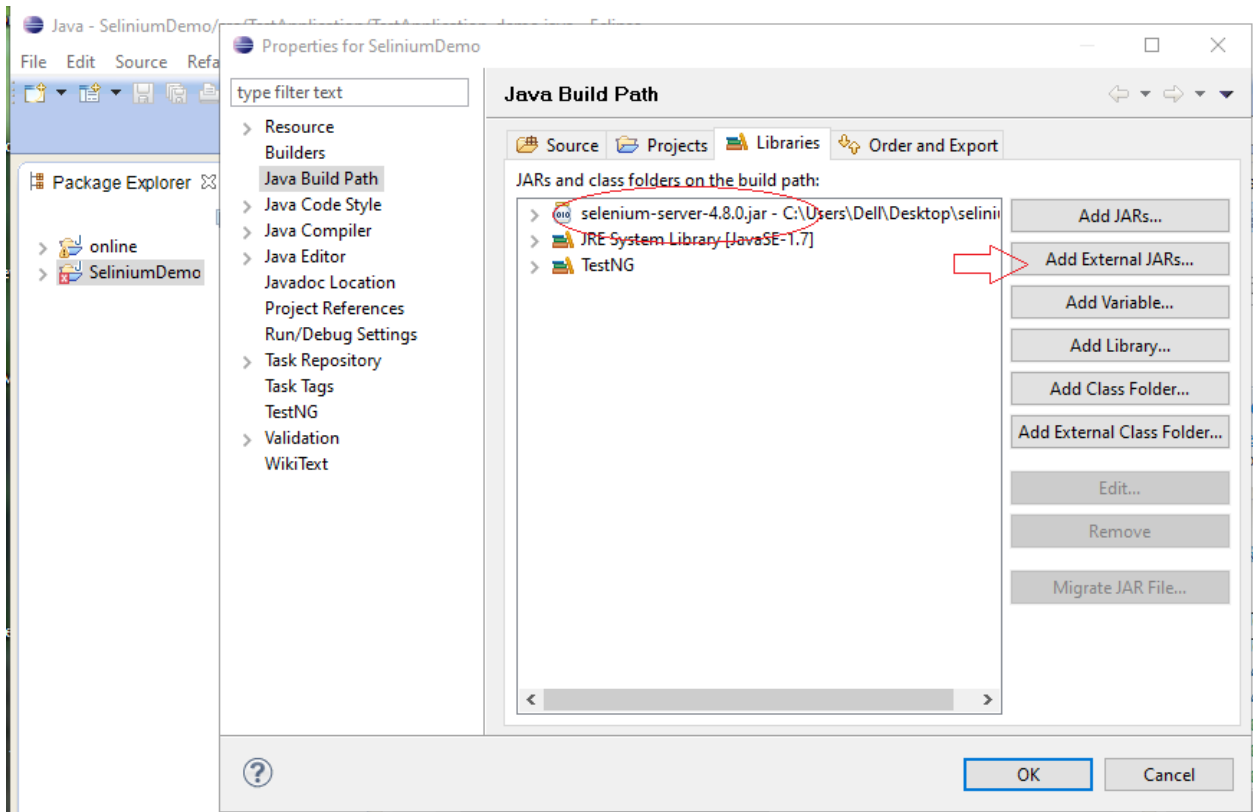
- If you are using Chrome version 111, please download [ChromeDriver 111.0.5563.19](#)
- If you are using Chrome version 110, please download [ChromeDriver 110.0.5481.77](#)
- If you are using Chrome version 109, please download [ChromeDriver 109.0.5414.74](#)
- For older version of Chrome, please see below for the version of ChromeDriver that supports it.

If you are using Chrome from Dev or Canary channel, please following instructions on the [ChromeDriver Canary](#) page.

For more information on selecting the right version of ChromeDriver, please see the [Version Selection](#) page.

ChromeDriver 111.0.5563.19

4. Open eclipse then file->new->java project (name the project as SeleniumDemo) ->Finish.
5. Right click on SeleniumDemo->build path -> configure build path->Add External Jar (provide the jar file (selenium server jar))



6. Right click on SeleniumDemo->new->Package (name the package as seleniumScript)
7. Right click on seleniumScript->new->class (name the class as WorkingWithChrome)

```
package seleniumScript;
```

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

```
public class WorkingWithChrome {
    ChromeDriver driver;
    String url="https://www.google.com/";
    public void invokeBrowser() {

        System.setProperty("webdriver.chrome.driver","C:\\Users\\Dell\\Desktop\\
\\selenium\\chromedriver.exe");
        driver = new ChromeDriver();
        driver.manage().window().maximize();
        driver.get(url);
    }
    public void getTitle() {
        String titleofthepage=driver.getTitle();
        System.out.println("Title of the page::::"+titleofthepage);
    }
    public void closeBrowser() {
        //driver.close();
        driver.quit();
    }
}
```

```

    public static void main(String[] args) {
        WorkingWithChrome wc=new WorkingWithChrome();
        wc.invokeBrowser();
        wc.getTitle();
        wc.closeBrowser();
    }
}

```

- Right click on code and run as java application.

Install TestNG plug-in (open eclipse->help->eclipse marketplace->find->(search TestNG and install))

Login your Facebook account using selenium Script

```

import org.openqa.selenium.By;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.chrome.ChromeOptions;
public class Demo_2 {
    public static void main(String[] args) {
        // TODO Auto-generated method stub

        ChromeOptions options = new ChromeOptions();

        System.setProperty("webdriver.chrome.driver", "C:\\Users\\Dell\\Desktop\\
\\selinium\\chromedriver.exe");
        ChromeDriver driver=new ChromeDriver();
        driver.get("http://www.facebook.com");
        driver.manage().window().maximize();
        driver.findElement(By.id("email")).sendKeys("*****4958");
        driver.findElement(By.id("pass")).sendKeys("*****");
        driver.findElement(By.id("u_0_2")).click();
        //check the id of the element by right click on the web page and
        //inspect the element or press F12 (or shift F12)

    }
}

```

```
//for Microsoft EDGE  
//System.setProperty("webdriver.edge.EdgeDriver", "MicrosoftWebDriver.exe");  
//EdgeDriver driver=new EdgeDriver();  
// use similar code for safari and firefox
```