Introduction to Selenium Webdriver

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Agenda

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Selenium

- Selenium is an open-source, automated testing tool used to test web applications across multiple browsers.

Learn more about Selenium here

ChromeDriver Download

- Download ChromeDriver from here

- Windows Platform: Download `win64` version

- Mac Apple Silicon: Download `mac-arm64` version

- Mac Intel: Download `mac-x64` version

Code Example of Selenium Webdriver

```java
1   import org.openqa.selenium.WebDriver;
2   import org.openqa.selenium.chrome.ChromeDriver;
3
4   public class SeleniumTest {
5       public static void main(String[] args) {
6           // Windows Example: System.setProperty("webdriver.chrome.driver", "C:\\path\\to\\chromedriver.exe");
7           // Mac Example: System.setProperty("webdriver.chrome.driver", "/path/to/chromedriver");
8           System.setProperty("webdriver.chrome.driver", "path/to/chromedriver");
9
10          WebDriver driver = new ChromeDriver();
11          driver.get("https://www.google.com");
12
13          // Perform some actions
14          driver.manage().window().maximize();
15          System.out.println(driver.getTitle());
16
17          // New way of using Selenium Webdriver
18
19          // WebDriver driver = new ChromeDriver();
20          // driver.get("https://www.google.com");
21          // driver.manage().window().maximize();
22          // System.out.println(driver.getTitle());
23      }
24  }
```

Thank you ❤️

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