Selenium WebDriver Architectue



Advantages:

1. Free of cost
2. Also comp with multiple language
3. Open source

Disadvantages:

1. We can’t automate captcha 🡪

2.

How selenium works?

* After you trigger the Test, complete Selenium code (Client) which we have written will be converted to Json format
* Generated Json is sent to Browser Driver (Server) through http Protocol

Note: Each browser contains a separate browser driver

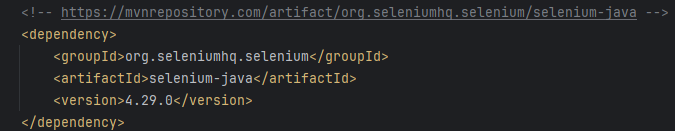
* . Browser drivers communicate with its respective browser and executes the commands by interpreting Json which It received on the browser.
* Browser Driver receives responses back from the browser and it sends Json response back to Client.

Home Work:

Create a Java Mavan project:

Add Below dependencies in POM

1. Selenium Dependency: To use selenium library



1. WebDriver manager Dependency: To download the respective driver and open web browser

