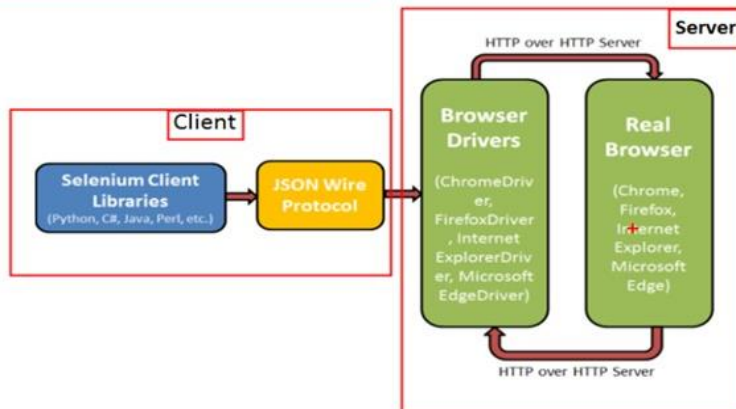


Today's Topics:

1. Introduction of Selenium

- Selenium is Open Source Test automation Tool
- Key Component - Selenium Webdriver, Selenium IDE, Selenium Grid
- Selenium supports for the multiple browsers like Chrome, Firefox, IE, Safari, etc.
- Selenium supports for the multiple OS like Windows, Linux, MacOS, etc.
- Selenium supports for the multiple language like Java, C#, Python, javascript, Typescript, Perl, etc.
- Selenium supports for the Web application only.

2. Architecture of Selenium



1. Selenium client Lib

- It is Client server desing
- Components: Selenium client lib, Json wire protocol, Browser drivers, Real browsers
- Developer of the selenium created this lib for multiple languages like java, C#, Perl, Javascript, etc

2. Json wire protocol

- It converts our request in a format that can be understood by the Server.
- It converts rserver response in a format that can be understood by the client.

3. Browser Drivers

- These are the browsers specific drivers
- Suppose you want to run your test case on chrome in that case we need to add chrome driver.

4. Real Browsers

- Chrome, firefox, IE, etc.