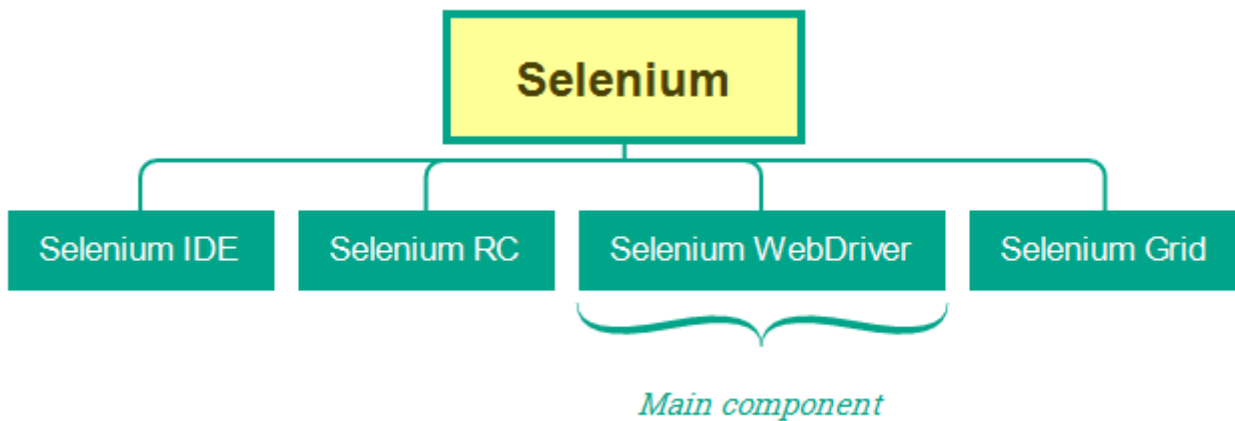


Selenium WebDriver

Selenium WebDriver is the main component of Selenium and requires Core Java knowledge for using it.



Downloading and configuring Selenium WebDriver

Follow the below steps for downloading and configuring the Selenium WebDriver:

1. Go to seleniumhq.org > Downloads > Previous Releases > Select 2.53 version, download Selenium Java 2.53.1 (zip file) and extract
2. Create a new folder say 'libraries' inside the Project workspace and copy all the downloaded Selenium 2 JAR files into it
3. Right click on the Project having the 'libraries' folder in its workspace and select Properties > Java Build Path > Libraries > Add JARS and select all the Jar files in the libraries folder
4. Verify whether the Selenium 2 is configured by executing a sample WebDriver statement -> **WebDriver driver = new FirefoxDriver();** which will launch the Firefox browser

Selenium WebDriver and Firefox Browser

Follow the below steps for executing the Selenium WebDriver scripts on Firefox Browser:

- Check the compatibility of current Firefox Browser version with Selenium WebDriver - Check the change log at [Seleniumhq.org](https://seleniumhq.org) and google search if no information is found.
 - Create an object for FirefoxDriver class - **FirefoxDriver driver = new FirefoxDriver();**
 - Execute the script and observe that a blank Firefox browser will be launched. (FirefoxDriver() constructor will have the predefined code for launching the Firefox Browser)
 - As WebDriver is the parent Interface of FirefoxDriver Class, we can modify the object creation statement to **WebDriver driver = new FirefoxDriver();**
 - How to execute Automation scripts on Chrome and IE browsers will be explained in the upcoming sections.
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