

# WebDriver Installation and Integration in Eclipse

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Install and integrate WebDriver in Eclipse

## Development Environment

- Eclipse IDE for Enterprise Java Developers Version Oxygen.3a Release (4.7.3a)
- Java Development Kit Version 8

This has mainly three subsections, namely:

4.2.1 Downloading Selenium Standalone Server jar

4.2.2 Launching Eclipse and creating a Java project

4.2.3 Configuring WebDriver with Eclipse

### Step 4.2.1: Downloading Selenium Standalone Server jar

- Selenium is already installed in your practice lab. (Refer QA to QE: Lab Guide - Phase 1)

### Step 4.2.2: Launching Eclipse and creating a Java project

- Launch the Eclipse and create a Workspace.
- Create Project:  
Click on File -> New -> Java Project.

### Step 4.2.3: Configuring WebDriver with Eclipse

- Add selenium standalone server jars.
- Right-click on Project -> select Properties -> Select Java Build Path.
- Navigate to the Libraries tab and click on the Add External Jars button.
- Add selenium standalone server Jar files.
- Click on the Apply and Close button.
- In Eclipse, it looks like the screenshot below:

type filter text

- > Resource
- Builders
- Coverage
- Java Build Path
- > Java Code Style
- > Java Compiler
- > Java Editor
- Javadoc Location
- > Maven
- Project References
- Refactoring History
- Run/Debug Settings
- > Task Repository
- Task Tags
- TestNG
- > Validation
- WikiText

## Java Build Path

Source Projects Libraries Order and Export

JARs and class folders on the build path:

- > byte-buddy-1.8.15.jar - C:\Users\Prakat-L-005\Documents\selenium
- > client-combined-3.141.59-sources.jar - C:\Users\Prakat-L-005\Docur
- > client-combined-3.141.59.jar - C:\Users\Prakat-L-005\Documents\se
- > commons-exec-1.3.jar - C:\Users\Prakat-L-005\Documents\selenium
- > guava-25.0-jre.jar - C:\Users\Prakat-L-005\Documents\selenium jars
- > okhttp-3.11.0.jar - C:\Users\Prakat-L-005\Documents\selenium jars\lib
- > okio-1.14.0.jar - C:\Users\Prakat-L-005\Documents\selenium jars\lib
- > JRE System Library [JavaSE-1.8]
- > Maven Dependencies
- > TestNG

Add JARs...

Add External JARs...

Add Variable...

Add Library...

Add Class Folder...

Add External Class Folder...

Edit...

Remove

Migrate JAR File...

Apply



Apply and Close

Cancel