

Selenium web driver is installed and integrated in Eclipse:

the steps to create a Selenium WebDriver project integrated with WebDriverManager in Eclipse using Maven

Prerequisites:

1. Eclipse IDE, Maven, and a Java Development Kit (JDK) installed on system.

Step 1: Create a New Maven Project in Eclipse:

1. Open Eclipse IDE.
2. Go to "File" > "New" > "Other..."
3. In the "Select a wizard" dialog, expand the "Maven" folder and select "Maven Project." Click "Next."

Step 2: Configure the Maven Project

1. Choose "Create a simple project" and click "Next."
2. Enter a "Group ID" and "Artifact ID" for project. Click "Next."

Step 3: Select a Template

1. Eclipse may prompt to select a template. can choose "simple". Click "Next."
2. Click "Finish" to create the Maven project.

Step 4: Add Selenium WebDriver and WebDriverManager Dependencies to 'pom.xml'

1. In the project's 'pom.xml' file, add the Selenium WebDriver and WebDriverManager dependencies with the specified versions:

```
<dependencies>
  <dependency>
    <groupId>org.seleniumhq.selenium</groupId>
    <artifactId>selenium-java</artifactId>
    <version>4.12.1</version>
  </dependency>

  <dependency>
    <groupId>io.github.bonigarcia</groupId>
    <artifactId>webdrivermanager</artifactId>
    <version>5.5.3</version>
  </dependency>
</dependencies>
```

Step 5: Update the Project

1. Right-click on your project in the Eclipse Project Explorer.
2. Select "Maven" > "Update Project."
3. Check the "Force Update of Snapshots/Releases" option.
4. Click "OK."

Step 6: Create a Selenium Test Class

1. Right-click on the "src/main/java" folder in your project.
2. Create a new Java class for Selenium test

Step 7: Write a Selenium Test Using WebDriverManager

1. In Selenium test class, can import the necessary Selenium WebDriver and WebDriverManager classes and write your test.

Step 8: Run the Selenium Test

1. Right-click on your test class.
2. Select "Run As" > "Java Application."

