

Cucumber – Java Installation Document

Step-1: Eclipse Oxygen Preferred (If you have an existing Mars, it is okay to retain)

Step-2: Install Natural editor for Gherkins.

- a) Go to Eclipse Marketplace and search “Natural Cucumber plugin” and hit enter.
- b) Click Install on Natural 0.7.6 plugin.
- c) Select Cucumber Editor and complete the Installation.

Step-3: Install Cucumber Plugin for Runner

- a) Go to Help menu and Select Install New Software sub-menu.
- b) Click Add and enter <https://cucumber.io/cucumber-eclipse/update-site> in the Location textbox.
- c) Specify any valid text for reference (e.g.: Cucumber-Java) in Name textbox.
- d) Select Cucumber Eclipse Plugin and proceed the installation.

Step-4: Create a Maven Project and add cukes dependencies into it.

- a) Go to Project create wizard and create the maven project with groupId and artifactId as “SelCucumber”.

- b) Add the following dependencies in the pom.xml

<dependencies>

 <dependency>

 <groupId>io.cucumber</groupId>

 <artifactId>cucumber-java8</artifactId>

 <version>2.0.1</version>

 <scope>test</scope>

</dependency>

<dependency>

<groupId>org.testng</groupId>

<artifactId>testng</artifactId>

<version>6.11</version>

<scope>test</scope>

</dependency>

<dependency>

<groupId>org.seleniumhq.selenium</groupId>

<artifactId>selenium-java</artifactId>

<version>3.4.0</version>

</dependency>

<dependency>

<groupId>org.apache.poi</groupId>

<artifactId>poi</artifactId>

<version>3.15</version>

</dependency>

<dependency>

<groupId>org.apache.poi</groupId>

<artifactId>poi-ooxml</artifactId>

<version>3.15</version>

</dependency>

<dependency>

<groupId>com.relevantcodes</groupId>

<artifactId>extentreports</artifactId>

<version>2.41.2</version>

</dependency>

```
<dependency>
    <groupId>org.apache.commons</groupId>
    <artifactId>commons-io</artifactId>
    <version>1.3.2</version>
</dependency>
<dependency>
    <groupId>io.cucumber</groupId>
    <artifactId>cucumber-junit</artifactId>
    <version>2.0.1</version>
</dependency>
<dependency>
    <groupId>io.cucumber</groupId>
    <artifactId>cucumber-testng</artifactId>
    <version>2.0.1</version>
</dependency>
</dependencies>
<build>
    <plugins>
        <plugin>
            <groupId>org.apache.maven.plugins</groupId>
            <artifactId>maven-compiler-plugin</artifactId>
            <version>3.7.0</version>
            <configuration>
                <source>1.8</source>
                <target>1.8</target>
            </configuration>
        </plugin>
```

```
        <!-- <plugin>
            <groupId>org.apache.maven.plugins</groupId>
            <artifactId>maven-surefire-plugin</artifactId>
        </plugin> -->
    </plugins>
</build>
```

c) Create the folder “drivers” under the project base folder and keep the latest chromedriver.exe in it.

Step-5: Install YAML editor for Test data management.

a) Go to Eclipse Marketplace and search “YML file editor” and hit enter.

b) Click Install on YEdit plugin and complete the Installation.