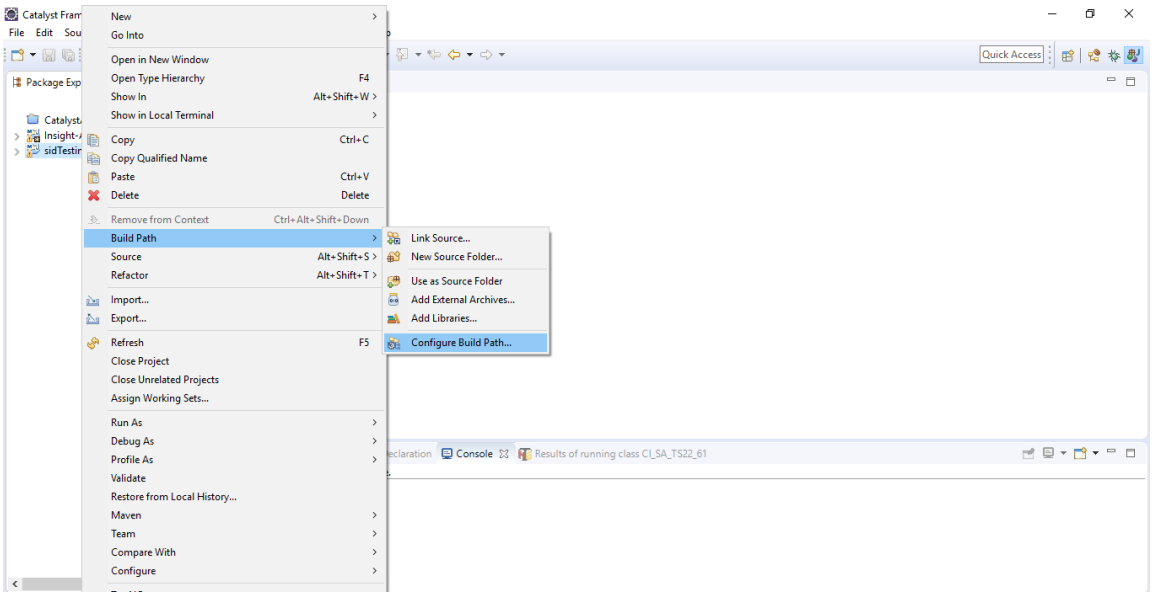
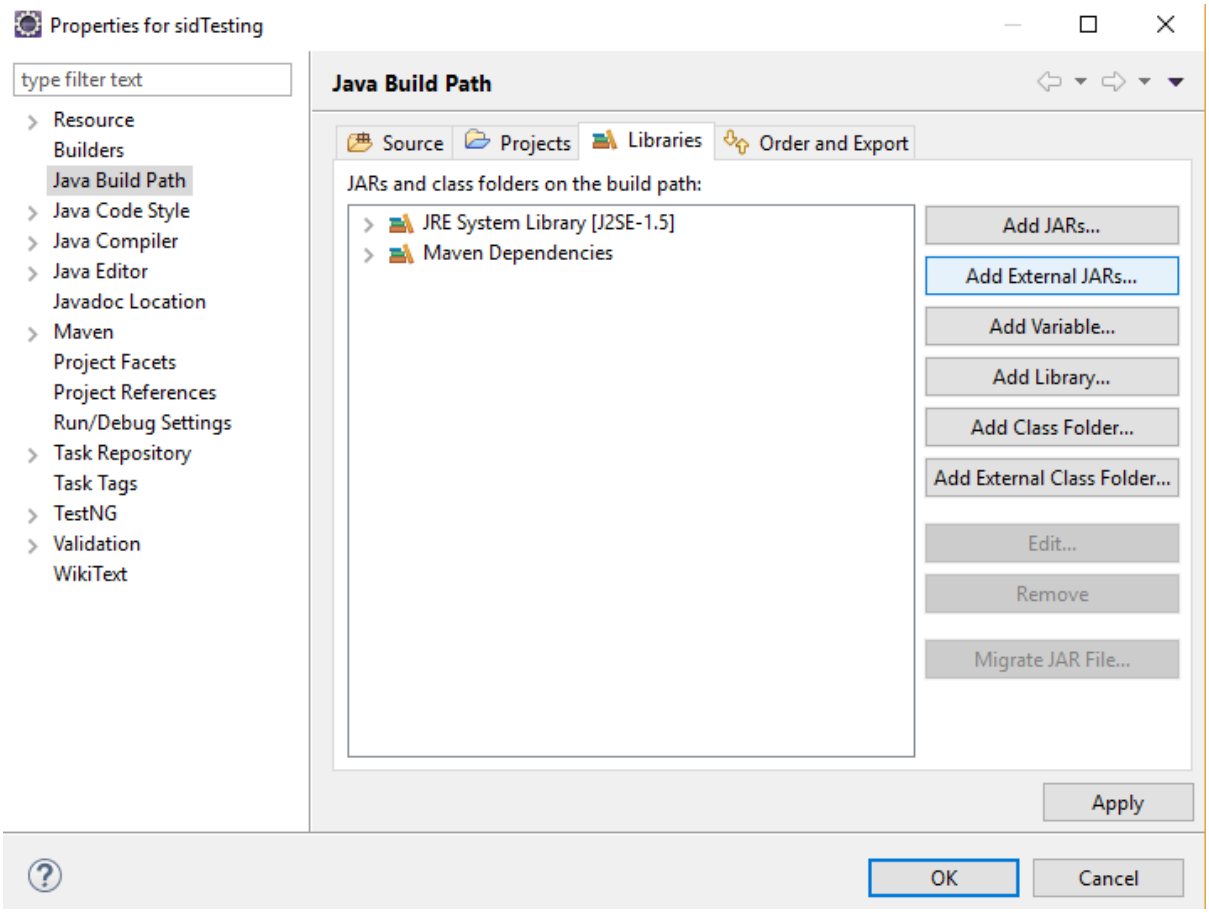
Apache POI Configuration

Adding external jar files to the Selenium Project in Eclipse

a. Apache Poi is already installed in your Practice lab. Refer to QA to QE lab guide for Phase 2 for more information about its directory details.
b. Go to Eclipse.
c. Right-click on your project.
d. Navigate to **Build Path** □ **Configure Build Path.**



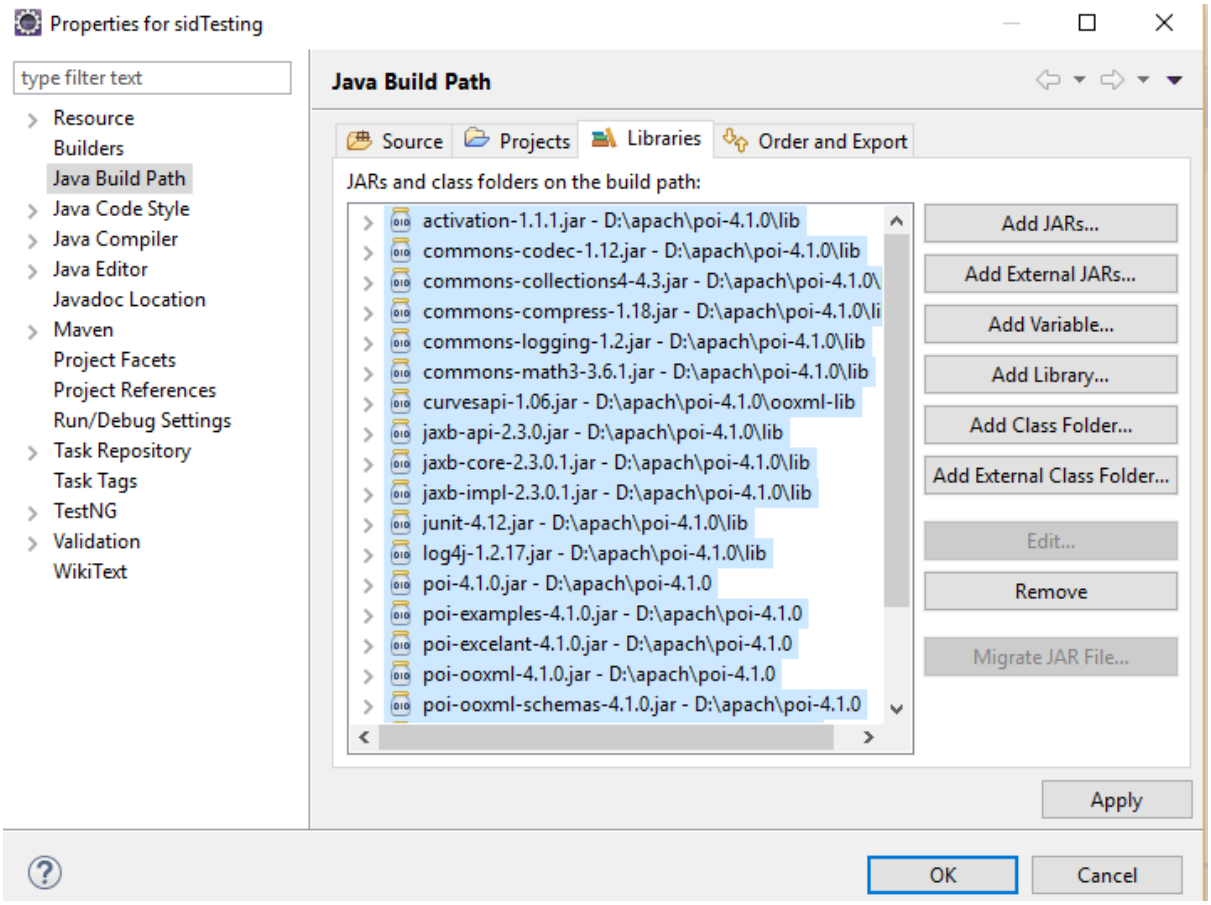
e. Click on **the Libraries** tab and click on **Add External JARs**.



f. Navigate to the folder where Apache POI jar file is stored.
g. Select the executable JAR files from the lib folder and click on **Open**.

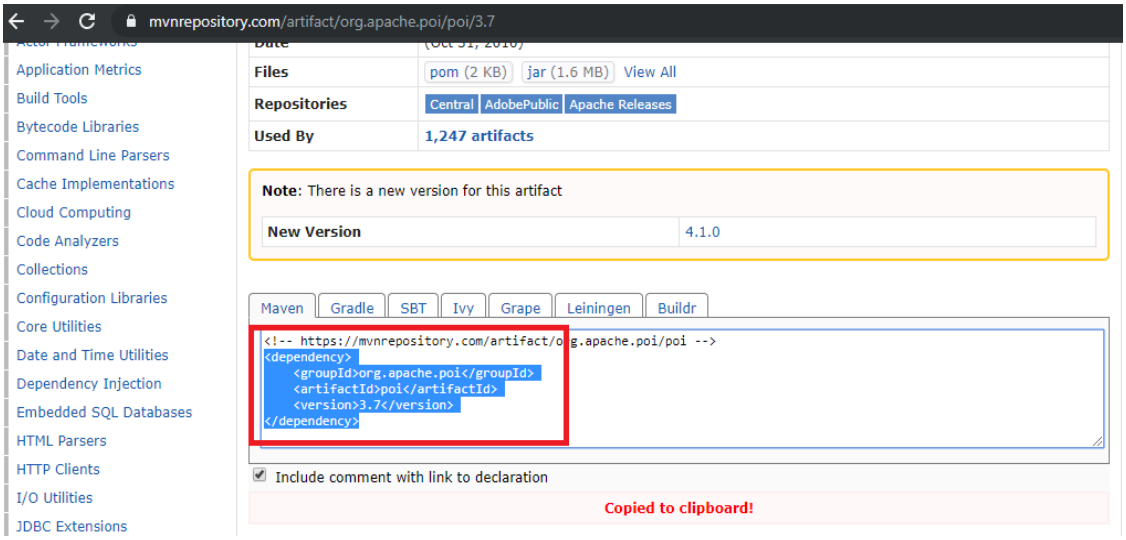
h. Repeat steps e.
i. Select the executable JAR files from the ooxml-lib folder and click on **Open**.
j. Repeat the steps e.
k. Select the remaining executable JAR files from the folder and click on **Open**.

l. The following snapshot shows that all the JARs are included in the Library list.
m. Click on **Apply** and then on the **OK** button.



Adding Maven Dependency

a. Go to the Maven Repository: https://mvnrepository.com/artifact/org.apache.poi/poi/3.7
b. Copy the dependency.

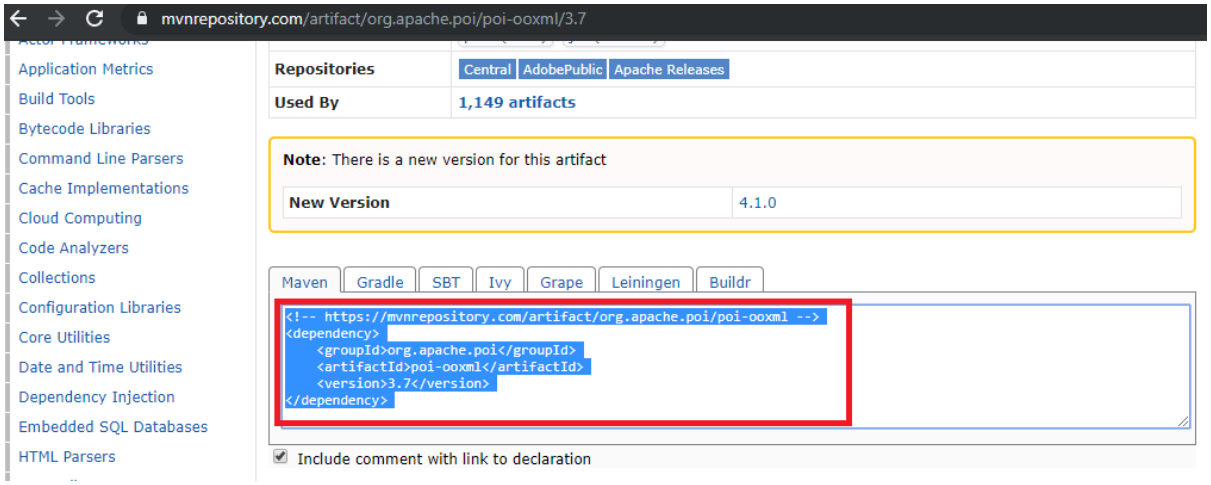


c. Go to Eclipse.
d. Open the Pom.xml file from the project.
e. Copy the dependency in the Pom.xml file:

```
<!-- https://mvnrepository.com/artifact/org.apache.poi/poi -->
<dependency>
    <groupId>org.apache.poi</groupId>
    <artifactId>poi</artifactId>
    <version>3.7</version>
</dependency>
```

f. Go to the Maven Repository: https://mvnrepository.com/artifact/org.apache.poi/poi-ooxml/3.7

g. Copy the dependency.



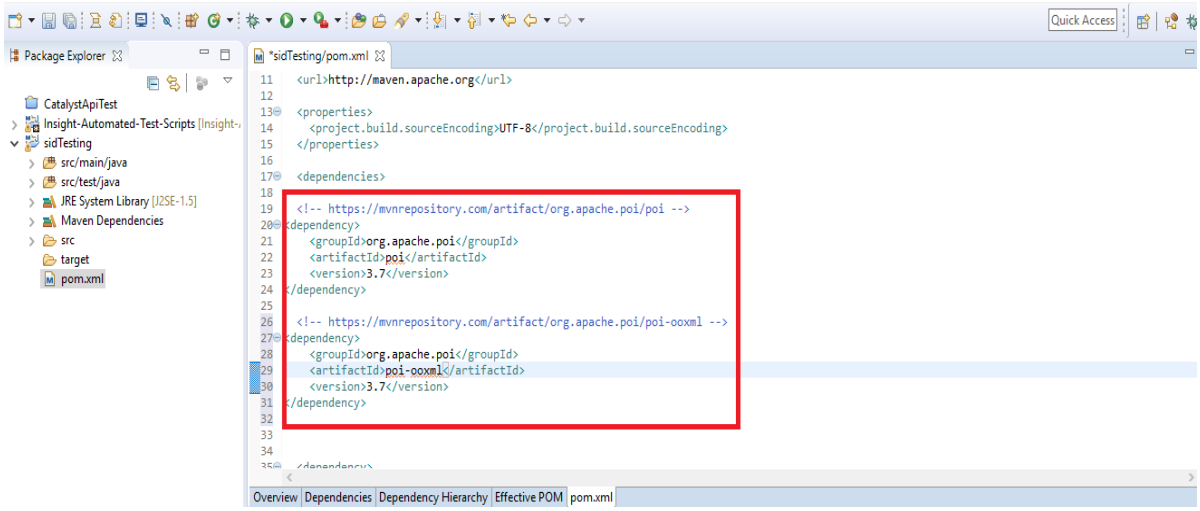
h. Go to Eclipse.

i. Open the Pom.xml file from the project.

j. Copy the dependency in the Pom.xml file.

```
<!-- https://mvnrepository.com/artifact/org.apache.poi/poi-ooxml -->
<dependency>
    <groupId>org.apache.poi</groupId>
    <artifactId>poi-ooxml</artifactId>
    <version>3.7</version>
</dependency>
```

k. This is how the pom.xml file will look like in Eclipse:


Quick Access
Package Explorer
CatalystApiTest
Insight-Automated-Test-Scripts [Insight-
sidTesting
src/main/java
src/test/java
JRE System Library [J2SE-1.5]
Maven Dependencies
src
target
pom.xml
*sidTesting/pom.xml
<url>http://maven.apache.org</url>
<properties>
<project.build.sourceEncoding>UTF-8</project.build.sourceEncoding>
</properties>
<dependencies>
<!-- https://mvnrepository.com/artifact/org.apache.poi/poi -->
<dependency>
<groupId>org.apache.poi</groupId>
<artifactId>poi</artifactId>
<version>3.7</version>
</dependency>
<!-- https://mvnrepository.com/artifact/org.apache.poi/poi-ooxml -->
<dependency>
<groupId>org.apache.poi</groupId>
<artifactId>poi-ooxml</artifactId>
<version>3.7</version>
</dependency>
Overview
Dependencies
Dependency Hierarchy
Effective POM
pom.xml