**Profiling in Maven:**

If you have to run different tests each time like regression, smoke etc., create different TestNG files. But when running these from mvn define profiles and run the following commands each time.

mvn test -PRegression

mvn test -PSmoke

mvn test -Pall

P is profile in the above.

POM.xml for the above with profiles.

<project xmlns=*"http://maven.apache.org/POM/4.0.0"* xmlns:xsi=*"http://www.w3.org/2001/XMLSchema-instance"*

xsi:schemaLocation=*"http://maven.apache.org/POM/4.0.0 http://maven.apache.org/maven-v4\_0\_0.xsd"*>

<modelVersion>4.0.0</modelVersion>

<groupId>qaclickacademy</groupId>

<artifactId>Mavenjava</artifactId>

<packaging>jar</packaging>

<version>1.0-SNAPSHOT</version>

<name>Mavenjava</name>

<url>http://maven.apache.org</url>

<profiles>

<profile>

<id>Regression</id>

<build>

<pluginManagement>

<plugins>

<plugin>

<groupId>org.apache.maven.plugins</groupId>

<artifactId>maven-surefire-plugin</artifactId>

<version>2.22.0</version>

<configuration>

<suiteXmlFiles>

<suiteXmlFile>testngapiumrest.xml</suiteXmlFile>

</suiteXmlFiles>

</configuration>

</plugin>

</plugins>

</pluginManagement>

</build>

</profile>

<profile>

<id>Smoke</id>

<build>

<pluginManagement>

<plugins>

<plugin>

<groupId>org.apache.maven.plugins</groupId>

<artifactId>maven-surefire-plugin</artifactId>

<version>2.22.0</version>

<configuration>

<suiteXmlFiles>

<suiteXmlFile>testngselenium.xml</suiteXmlFile>

</suiteXmlFiles>

</configuration>

</plugin>

</plugins>

</pluginManagement>

</build>

</profile>

<profile>

<id>All</id>

<build>

<pluginManagement>

<plugins>

<plugin>

<groupId>org.apache.maven.plugins</groupId>

<artifactId>maven-surefire-plugin</artifactId>

<version>2.22.0</version>

<configuration>

<suiteXmlFiles>

<suiteXmlFile>testng.xml</suiteXmlFile>

</suiteXmlFiles>

</configuration>

</plugin>

</plugins>

</pluginManagement>

</build>

</profile>

</profiles>

<dependencies>

<dependency>

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

<artifactId>selenium-java</artifactId>

<version>3.13.0</version>

</dependency>

<dependency>

<groupId>org.testng</groupId>

<artifactId>testng</artifactId>

<version>6.14.3</version>

<scope>test</scope>

</dependency>

<dependency>

<groupId>io.rest-assured</groupId>

<artifactId>rest-assured</artifactId>

<version>3.1.0</version>

<scope>test</scope>

</dependency>

<dependency>

<groupId>io.appium</groupId>

<artifactId>java-client</artifactId>

<version>6.1.0</version>

</dependency>

</dependencies>

</project>