**Dependancy management**

Jar file of dependant project shld be there…

<dependency>

<groupId>skillrary</groupId>

<artifactId>test1</artifactId>

<version>1.0-SNAPSHOT</version>

<scope>compile</scope>

</dependency>

**Multi module**

**In parent pom**

<modules>

<module>project1</module>

<module>project2</module>

</modules>

**In parent pom after gav**

<packaging>pom</packaging>

**In child poms**

<parent>

<groupId>skillrary</groupId>

<artifactId>Multi</artifactId>

<version>1.0-SNAPSHOT</version>

</parent>

**Tomcat Deploy through maven**

We have add to our tomcat port number

And tomcat username and password

mvn tomcat7:deploy

mvn tomcat7:undeploy

mvn tomcat7:redeploy

<plugin>

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

<artifactId>tomcat7-maven-plugin</artifactId>

<version>2.2</version>

<configuration>

<url>http://localhost:8000/manager/text</url>

<username>admin</username>

<password>admin</password>

</configuration>

</plugin>

**Jacoco plugin (maven)**

<plugins>

<plugin>

<groupId>org.jacoco</groupId>

<artifactId>jacoco-maven-plugin</artifactId>

<version>0.8.2</version>

<executions>

<execution>

<goals>

<goal>prepare-agent</goal>

</goals>

</execution>

<execution>

<id>report</id>

<phase>test</phase>

<goals>

<goal>report</goal>

</goals>

</execution>

</executions>

</plugin>

**SonarQube (maven)**

mvn sonar:sonar -Dsonar.login=\_\_\_\_\_\_\_ -Dsonar.password=\_\_\_\_\_\_\_

sonarqube id password

<plugin>

<groupId>org.sonarqube.scanner.maven</groupId>

<artifactId>sonar-maven-plugin</artifactId>

<version>3.4.0.905</version>

</plugin>