**Sonar Setup With Maven & Eclipse**

**Installation of maven**:

http://www.mkyong.com/maven/how-to-install-maven-in-windows/

**Core Maven Description**:

mvn archetype:generate -DgroupId=com.debi -DartifactId=core -DarchetypeArtifactId=maven-archetype-quickstart -DinteractiveMode=false

To make this as an Eclipse project, in terminal, navigate to "core" project, type this command :

mvn eclipse:eclipse

**To import the project into Eclipse IDE**

File -> Import… -> General->Existing Projects into Workspace

**To make it a jar:**

mvn package

**Sonar Settings:**

**use mysql for sonar:**

<http://laurenthinoul.com/how-to-change-sonar-default-database/>

<http://java-heaven.blogspot.in/2013/11/sonar-installation-and-maven.html>

<http://docs.sonarqube.org/display/SONAR/Installing+the+Server#InstallingtheServer-installingDatabaseInstallingtheDatabase>

**Step 1**: download the sonar web

**Step 2**: Update the property file to accept the mysql url, user name and password

create database sonar CHARACTER SET UTF8;

use sonar;

**Step 3**: update the settings.xml of maven:

<profiles>

<profile>

<id>sonar</id>

<activation>

<activeByDefault>true</activeByDefault>

</activation>

<properties>

<!-- EXAMPLE FOR MYSQL -->

<sonar.jdbc.url>

jdbc:mysql://localhost:3306/sonar?useUnicode=true&amp;characterEncoding=utf8

</sonar.jdbc.url>

<sonar.jdbc.driverClassName>com.mysql.jdbc.Driver</sonar.jdbc.driverClassName>

<sonar.jdbc.username>sonar</sonar.jdbc.username>

<sonar.jdbc.password></sonar.jdbc.password>

<sonar.host.url> http://localhost:9000 </sonar.host.url>

</properties>

</profile>

</profiles>

**Step 4**: run **bin\windows-x86-64\StartSonar.bat**

## Step 5: Execute the following commands on your Maven projects:

|  |
| --- |
|  |

**mvn clean install**

**mvn sonar:sonar**

## Step 6 : Browse to http://localhost:9000 Step 7 : For administration features, default login/password is admin/admin