Getting a JDBC driver working within the Opendaylight ad-sal Tutorial (by Jacquie Waitman)

1. Begin by making the mysql-connector-java-5.1.34.jar into a maven wrapped plug-in
   - you may need to down load the above driver
   - right click inside the package explorer in eclips and select new project.
   - Expand the **Plug-in Development** tab and select **Plug-in from Existing JAR Archives**
   - click next then add External and select the mysql-connector-java... jar from your files
   - click next and name your project (I had named it com.mysql.jdbc) correct the version to that of your jar file, (note the Plug-in name that has been given to the file)
   - click finish then yes

Now you have the maven plug-in

2. changing the pom.xml files
   a. Within the terminal navigate to the following:
      cd SDNHub_Opendaylight_Tutorial/adsal_L2_forwarding/
      - now use the nano editor to exit the pom type
        ◦ **nano pom.xml**
      - Scroll down until you see **<Import-Package>**
        ◦ under this headding type **com.mysql.jdbc,** (or what u named your plug-in, however dont forget the comma)
      - scroll down further until you hit the bottom of the file above </project> and </dependancies> type the following:
        <dependency>
           <groupId>mysql</groupId>
           <artifactId>mysql-connector-java</artifactId>
           <version>5.1.34</version>
        </dependency>
      - now press **CTL+x** and then **y** and **Enter**
   b. Next navigate to the following:
      cd SDNHub_Opendaylight_Tutorial/distribution/opendaylight-osgi-adsal
      - again use the nano editor
        ◦ **nano pom.xml**
      - scroll down until **<!---- SDNHub Artifacts – >** at the bottom of this section add the following:
        <dependency>
           <groupId>mysql</groupId>
           <artifactId>mysql-connector-java</artifactId>
           <version>5.1.34</version>
        </dependency>
      - now press **CTL+x** and then **y** and **Enter**
   c. finally navagate to the following:
      cd SDNHub_Opendaylight_Tutorial/commons/parent/
      - once again use the nano editor
        ◦ **nano pom.xml**
      - scroll way down till you hit **<repositories>** and add the following:
        <repository>
           <id>maven-central</id>

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<url>http://repo1.maven.org/maven2</url>
 <releases>
     <enabled>true</enabled>
 <\releases>
 <snapshots>
     <enabled>false</enabled>
 </snapshots>
<\repository>
```

- now press **CTL+x** and then **y** and **Enter**

3. now you need to build **mvn clean install** from the current directory
4. head back to **cd SDNHub_Opendaylight_Tutorial/distribution/opendaylight-osgi-adsal** and run **mvn clean install -DskipTests -DskipIT -nsu**

5. Install mySQL->JDBC library **sudo apt-get install libmysqll.java**

That should do it!