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Hibernate dependency jars and plugins

11: Hibernate dependency jars and plugins

Posted on [December 26, 2014](#) by [Arulkumaran Kumaraswamipillai](#) — No

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Here is a sample maven pom.xml snippets containing the dependency jars.

```

1  ....
2  <hibernate.version>4.1.3.Final</hibernate.version>
3  <hibernate-jpa-2.0-api.version>1.0.1.Final</hibernate-jpa-2.0-api.version>
4  <hibernate-validator-annotation-processor>4.2.0.Final</hibernate-validator-annotation-processor>
5  <hibernate-validator.version>4.3.0.Final</hibernate-validator.version>
6
7
```

The above snippet defines the version numbers.

The snippet below defines the dependencies.

```

1  ...
2  <dependency>
3    <groupId>org.hibernate</groupId>
4    <artifactId>hibernate-core</artifactId>
5  </dependency>
6  <dependency>
7    <groupId>org.hibernate</groupId>

```

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```

8   <artifactId>hibernate-entitymanager</artifactId>
9   </dependency>
10  <dependency>
11    <groupId>org.hibernate.javax.persistence</groupId>
12    <artifactId>hibernate-jpa-2.0-api</artifactId>
13  </dependency>
14
15  <dependency>
16    <groupId>javax.validation</groupId>
17    <artifactId>validation-api</artifactId>
18  </dependency>
19
20  <dependency>
21    <groupId>org.hibernate</groupId>
22    <artifactId>hibernate-validator</artifactId>
23  </dependency>
24
25  <dependency>
26    <groupId>org.hibernate.javax.persistence</groupId>
27    <artifactId>hibernate-jpa-2.0-api</artifactId>
28    <version>${hibernate-jpa-2.0-api.version}</version>
29  </dependency>
30
31  <dependency>
32    <groupId>org.hibernate</groupId>
33    <artifactId>hibernate-validator-annotation-processor</artifactId>
34    <version>${hibernate-validator-annotation-processor.version}</version>
35  </dependency>
36
37
38  <!-- bean validation -->
39  <dependency>
40    <groupId>javax.validation</groupId>
41    <artifactId>validation-api</artifactId>
42    <version>1.0.0.GA</version>
43  </dependency>
44
45  <dependency>
46    <groupId>org.hibernate</groupId>
47    <artifactId>hibernate-validator</artifactId>
48    <version>${hibernate-validator.version}</version>
49  </dependency>
50
51
52

```

If you want to auto-generate your hibernate entities from DDL then.

```

1   <build>
2     <resources>
3       <resource>
4         <directory>${basedir}/src/main/resources</directory>
5         <includes>
6           <include>/**/*.xml</include>
7         </includes>
8       </resource>
9     </resources>
10
11    <plugins>
12      <plugin>
13        <groupId>org.codehaus.mojo</groupId>

```

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```

14     <artifactId>hibernate3-maven-plugin</artifactId>
15     <configuration>
16         <components>
17             <component>
18                 <name>hbm2ddl</name>
19                 <implementation>jpaconfiguration</implementation>
20             </component>
21             <component>
22                 <name>hbmddoc</name>
23             </component>
24         </components>
25         <componentProperties>
26             <persistenceunit>my-data</persistenceunit>
27             <outputfilename>schema.ddl</outputfilename>
28             <drop>true</drop>
29             <create>true</create>
30             <export>false</export>
31             <format>true</format>
32         </componentProperties>
33     </configuration>
34 </plugin>
35 </plugins>
36 </build>
37

```

Finally, the plugin that is required for auto generation.

```

1  <pluginManagement>
2  <plugins>
3  <plugin>
4      <groupId>org.codehaus.mojo</groupId>
5      <artifactId>hibernate3-maven-plugin</artifactId>
6      <version>2.2</version>
7  </plugin>
8  </plugins>
9  </pluginManagement>
10

```

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