Hibernate

<dependencies>

<dependency>

<groupId>org.springframework.boot</groupId>

<artifactId>spring-boot-starter-web-services</artifactId>

</dependency>

<dependency>

<groupId>org.springframework.boot</groupId>

<artifactId>spring-boot-starter-test</artifactId>

<scope>test</scope>

</dependency>

<!-- https://mvnrepository.com/artifact/org.hibernate/hibernate-core -->

<dependency>

<groupId>org.hibernate</groupId>

<artifactId>hibernate-core</artifactId>

<version>5.4.1.Final</version>

</dependency>

<!-- https://mvnrepository.com/artifact/org.hibernate/hibernate-core -->

<dependency>

<groupId>org.hibernate</groupId>

<artifactId>hibernate-entitymanager</artifactId>

<version>5.4.1.Final</version>

</dependency>

<!-- https://mvnrepository.com/artifact/mysql/mysql-connector-java -->

<dependency>

<groupId>mysql</groupId>

<artifactId>mysql-connector-java</artifactId>

<version>5.1.38</version>

</dependency>

<!-- https://mvnrepository.com/artifact/org.hibernate/hibernate-c3p0 -->

<dependency>

<groupId>org.hibernate</groupId>

<artifactId>hibernate-c3p0</artifactId>

<version>5.4.1.Final</version>

</dependency>

</dependencies>

<?xml version="1.0" encoding="UTF-8"?>

<!DOCTYPE hibernate-configuration PUBLIC "-//Hibernate/Hibernate Configuration DTD 3.0//EN"

"http://www.hibernate.org/dtd/hibernate-configuration-3.0.dtd">

<hibernate-configuration>

<session-factory>

<property name="hibernate.connection.driver\_class">com.mysql.jdbc.Driver</property>

<property name="hibernate.dialect">org.hibernate.dialect.MySQL5InnoDBDialect</property>

<property name="hibernate.connection.url">jdbc:mysql://localhost:3306/security?useUnicode=true&amp;characterEncoding=UTF-8&amp;autoReconnect=true</property>

<property name="hibernate.connection.username">root</property>

<property name="hibernate.show\_sql">true</property>

<property name="hibernate.use\_sql\_comments">true</property>

<!-- c3p0 config http://www.hibernate.org/214.html -->

<property name="connection.provider\_class">org.hibernate.connection.C3P0ConnectionProvider</property>

<property name="hibernate.c3p0.acquire\_increment">1</property>

<property name="hibernate.c3p0.idle\_test\_period">100</property>

<property name="hibernate.c3p0.min\_size">10</property>

<property name="hibernate.c3p0.max\_size">100</property>

<property name="hibernate.c3p0.max\_statements">0</property>

<property name="hibernate.c3p0.timeout">0</property>

<property name="hibernate.c3p0.acquireRetryAttempts">1</property>

<property name="hibernate.c3p0.acquireRetryDelay">250</property>

<property name="hibernate.transaction.coordinator\_class">jdbc</property>

<property name="hibernate.current\_session\_context\_class">thread</property>

<property name="hibernate.hbm2ddl.auto">update</property>

</session-factory>

</hibernate-configuration>

**import** org.hibernate.SessionFactory;

**import** org.hibernate.boot.Metadata;

**import** org.hibernate.boot.MetadataSources;

**import** org.hibernate.boot.registry.StandardServiceRegistry;

**import** org.hibernate.boot.registry.StandardServiceRegistryBuilder;

**public** **class** HibernateUtil {

**private** **static** **final** SessionFactory ***sessionFactory*** = *build*();

**private** **static** SessionFactory build() {

**try** {

StandardServiceRegistry req = **new** StandardServiceRegistryBuilder().configure("hibernate.cfg.xml").build();

Metadata meta = **new** MetadataSources(req).getMetadataBuilder().build();

**return** meta.getSessionFactoryBuilder().build();

} **catch** (Exception e) {

System.***err***.println("Connect Error: " + e);

}

**return** **null**;

}

**public** **static** SessionFactory getSession() {

**return** ***sessionFactory***;

}

}