# Configure Hibernate in Eclipse IDE

package com.simpli;

import org.hibernate.SessionFactory;

import org.hibernate.boot.\*;

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

public class HibernateUtil {

private static final SessionFactory sessionFactory;

static {

try {

StandardServiceRegistry standardRegistry = new StandardServiceRegistryBuilder()

.configure("hibernate.cfg.xml").build();

Metadata metaData = new MetadataSources(standardRegistry).getMetadataBuilder().build();

sessionFactory = metaData.getSessionFactoryBuilder().build();

} catch (Throwable th) {

throw new ExceptionInInitializerError(th);

}

}

public static SessionFactory getSessionFactory() {

return sessionFactory;

}

}

package com.simpli;

import java.io.IOException;

import java.io.PrintWriter;

import javax.servlet.ServletException;

import javax.servlet.annotation.WebServlet;

import javax.servlet.http.\*;

import org.hibernate.\*;

@WebServlet("/init")

public class HibernateInit extends HttpServlet {

protected void doGet(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

PrintWriter out = response.getWriter();

out.println("<html><body>");

// STEP 1: Get a Session (connection) from the Session Factory class

SessionFactory factory = HibernateUtil.getSessionFactory();

// STE2 Create the session object

Session session = factory.openSession();

out.println("Hibernate Session opened.<br>");

session.close();

out.println("Hibernate Session closed.<br>");

out.println("</body></html>");

}

}

Hibernate cfg..xml

<?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>

<!-- Database connection settings -->

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

<property name="connection.url">jdbc:mysql://localhost:3306/ecommerce</property>;

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

<property name="connection.password">Simplilearn</property>

</session-factory>

</hibernate-configuration>

HTML Code:

<title>Hibernate Configuration Example </title>

<h3>Hibernate Configuration Example </h3>

<a href="init">Initialize Hibernate</a><br>

OUTPUT:

Hibernate Session Opened.

Hibernate Session Closed.