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Java 2 Java Developers Resource Center

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JSF 2, PrimeFaces 3, Spring 3 & Hibernate 4 Integration Project

This article shows how to integrate JSF2, PrimeFaces3, Spring3 and Hibernate4 Technologies. It provides a general project template for Java developers.

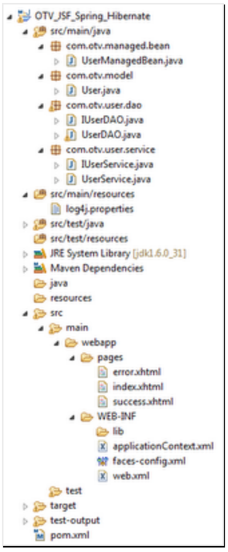
Also if Spring is not used for Business and Data Access layer, JSF – PrimeFaces & Hibernate Integration Project can be offered.

Used Technologies :

- JDK 1.6.0_31
- Spring 3.1.1
- JSF 2.1
- Hibernate 4.1.0
- Primefaces 3.1.1
- MySQL Connector 5.1.17
- MySQL 5.5.8
- c3p0 0.9.1.2
- Tomcat 7.0
- Maven 3.0.2

STEP 1 : CREATE MAVEN PROJECT

A maven project is created as below. (It can be created by using Maven or IDE Plug-in).



```
OTV_JSF_Spring_Hibernate
  src/main/java
    com.otv.managed.bean
      UserManagedBean.java
    com.otv.model
      User.java
    com.otv.user.dao
      IUserDAO.java
      UserDAO.java
    com.otv.user.service
      IUserService.java
      UserService.java
  src/main/resources
    log4j.properties
  src/test/java
  src/test/resources
  JRE System Library [jdk1.6.0_31]
  Maven Dependencies
  java
  resources
  src
    main
      webapp
        pages
          error.xhtml
          index.xhtml
          success.xhtml
        WEB-INF
          lib
          applicationContext.xml
          faces-config.xml
          web.xml
    test
  target
  test-output
  pom.xml
```

STEP 2 : CREATE USER TABLE

A new USER Table is created by executing below script:

```
CREATE TABLE USER (
```

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```
   id int(11) NOT NULL,
   name varchar(45) NOT NULL,
   surname varchar(45) NOT NULL,
   PRIMARY KEY (`id`)
);
```

STEP 3 : LIBRARIES

Spring, JSF, Hibernate, Primefaces, MySQL and c3p0 dependencies are added to Maven' s pom.xml.

```
<properties>
  <spring.version>3.1.1.RELEASE</spring.version>
 </properties>

 <dependencies>

  <!-- Spring 3 dependencies -->
  <dependency>
   <groupId>org.springframework</groupId>
   <artifactId>spring-core</artifactId>
   <version>${spring.version}</version>
  </dependency>

  <dependency>
   <groupId>org.springframework</groupId>
   <artifactId>spring-context</artifactId>
   <version>${spring.version}</version>
  </dependency>

  <dependency>
   <groupId>org.springframework</groupId>
   <artifactId>spring-web</artifactId>
   <version>${spring.version}</version>
  </dependency>

  <dependency>
   <groupId>org.springframework</groupId>
   <artifactId>spring-tx</artifactId>
   <version>${spring.version}</version>
  </dependency>

  <dependency>
   <groupId>org.springframework</groupId>
   <artifactId>spring-orm</artifactId>
   <version>${spring.version}</version>
  </dependency>

  <dependency>
            <groupId>org.springframework</groupId>
            <artifactId>spring-test</artifactId>
            <version>${spring.version}</version>
        </dependency>

  <!-- JSF dependencies -->
  <dependency>
    <groupId>com.sun.faces</groupId>
    <artifactId>jsf-api</artifactId>
    <version>2.1.6</version>
  </dependency>

  <dependency>
    <groupId>com.sun.faces</groupId>
    <artifactId>jsf-impl</artifactId>
    <version>2.1.6</version>
  </dependency>

  <dependency>
   <groupId>javax.servlet</groupId>
   <artifactId>jstl</artifactId>
   <version>1.2</version>
  </dependency>
```

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```
  <!-- Primefaces dependency -->
   <dependency>
   <groupId>org.primefaces</groupId>
   <artifactId>primefaces</artifactId>
   <version>3.1.1</version>
  </dependency>

  <!-- Hibernate dependencies -->
  <dependency>
   <groupId>org.hibernate</groupId>
   <artifactId>hibernate-core</artifactId>
   <version>4.1.0.Final</version>
  </dependency>

  <dependency>
   <groupId>javassist</groupId>
   <artifactId>javassist</artifactId>
   <version>3.12.1.GA</version>
  </dependency>

  <!-- MySQL Java Connector dependency -->
  <dependency>
   <groupId>mysql</groupId>
   <artifactId>mysql-connector-java</artifactId>
   <version>5.1.17</version>
  </dependency>

  <!-- c3p0 dependency -->
  <dependency>
   <groupId>c3p0</groupId>
   <artifactId>c3p0</artifactId>
   <version>0.9.1.2</version>
  </dependency>

 </dependencies>
```

STEP 4 : CREATE USER MODEL CLASS

A new User Model Class is created.

```
package com.otv.model;

import javax.persistence.Column;
import javax.persistence.Entity;
import javax.persistence.Id;
import javax.persistence.Table;

/**
 *
 * User Entity
 *
 * @author onlinetechvision.com
 * @since 25 Mar 2012
 * @version 1.0.0
 *
 */
@Entity
@Table(name="USER")
public class User {

 private int id;
 private String name;
 private String surname;

 /**
  * Get User Id
  *
  * @return int - User Id
  */
 @Id
 @Column(name="ID", unique = true, nullable = false)
 public int getId() {
  return id;
 }

 /**
  * Set User Id
  *
  * @param int - User Id
  */
 public void setId(int id) {
  this.id = id;
 }

 /**
  * Get User Name
  *
  * @return String - User Name
  */
 @Column(name="NAME", unique = true, nullable = false)
 public String getName() {
  return name;
 }

 /**
  * Set User Name
  *
  * @param String - User Name
  */
 public void setName(String name) {
  this.name = name;
 }

 /**
  * Get User Surname
  *
  * @return String - User Surname
  */
 @Column(name="SURNAME", unique = true, nullable = false)
 public String getSurname() {
  return surname;
 }

 /**
  * Set User Surname
  *
  * @param String - User Surname
  */
 public void setSurname(String surname) {
  this.surname = surname;
 }

 @Override
 public String toString() {
  StringBuffer strBuff = new StringBuffer();
  strBuff.append("id : ").append(getId());
  strBuff.append(", name : ").append(getName());
  strBuff.append(", surname : ").append(getSurname());
  return strBuff.toString();
 }
}
```

STEP 5 : CREATE USER MANAGED BEAN CLASS

User Managed Bean is created.

```
package com.otv.managed.bean;

import java.io.Serializable;
import java.util.ArrayList;
import java.util.List;
import javax.faces.bean.ManagedBean;
import javax.faces.bean.ManagedProperty;
import javax.faces.bean.RequestScoped;

import org.springframework.dao.DataAccessException;

import com.otv.model.User;
import com.otv.user.service.IUserService;

/**
 *
 * User Managed Bean
 *
 * @author onlinetechvision.com
 * @since 25 Mar 2012
 * @version 1.0.0
 *
 */
@ManagedBean(name="userMB")
@RequestScoped
public class UserManagedBean implements Serializable {

 private static final long serialVersionUID = 1L;
 private static final String SUCCESS = "success";
 private static final String ERROR   = "error";

 //Spring User Service is injected...
 @ManagedProperty(value="#{UserService}")
 IUserService userService;

 List<User> userList;

 private int id;
 private String name;
 private String surname;

 /**
  * Add User
  *
  * @return String - Response Message
  */
 public String addUser() {
  try {
   User user = new User();
   user.setId(getId());
   user.setName(getName());
   user.setSurname(getSurname());
   getUserService().addUser(user);
   return SUCCESS;
  } catch (DataAccessException e) {
   e.printStackTrace();
  }

  return ERROR;
 }

 /**
  * Reset Fields
  *
  */
 public void reset() {
  this.setId(0);
  this.setName("");
  this.setSurname("");
 }

 /**
  * Get User List
  *
  * @return List - User List
  */
 public List<User> getUserList() {
  userList = new ArrayList<User>();
  userList.addAll(getUserService().getUsers());
  return userList;
 }

 /**
  * Get User Service
  *
  * @return IUserService - User Service
  */
 public IUserService getUserService() {
  return userService;
 }

 /**
  * Set User Service
  *
  * @param IUserService - User Service
  */
 public void setUserService(IUserService userService) {
  this.userService = userService;
 }

 /**
  * Set User List
  *
  * @param List - User List
  */
 public void setUserList(List<User> userList) {
  this.userList = userList;
 }

 /**
  * Get User Id
  *
  * @return int - User Id
  */
 public int getId() {
  return id;
 }

 /**
  * Set User Id
  *
  * @param int - User Id
  */
 public void setId(int id) {
  this.id = id;
 }

 /**
  * Get User Name
  *
  * @return String - User Name
  */
 public String getName() {
  return name;
 }

 /**
  * Set User Name
  *
  * @param String - User Name
  */
 public void setName(String name) {
  this.name = name;
 }

 /**
```

```
  * Get User Surname
  *
  * @return String - User Surname
  */
 public String getSurname() {
  return surname;
 }

 /**
  * Set User Surname
  *
  * @param String - User Surname
  */
 public void setSurname(String surname) {
  this.surname = surname;
 }

}
```

STEP 6 : CREATE IUserDAO INTERFACE

IUserDAO Interface provides methods of Data Access Layer. The data access layer manages all the logic to persist and retrieve the data from database.

```
package com.otv.user.dao;

import java.util.List;

import com.otv.model.User;

/**
 *
 * User DAO Interface
 *
 * @author onlinetechvision.com
 * @since 25 Mar 2012
 * @version 1.0.0
 *
 */
public interface IUserDAO {

 /**
  * Add User
  *
  * @param  User user
  */
 public void addUser(User user);

 /**
  * Update User
  *
  * @param  User user
  */
 public void updateUser(User user);

 /**
  * Delete User
  *
  * @param  User user
  */
 public void deleteUser(User user);

 /**
  * Get User
  *
  * @param  int User Id
  */
 public User getUserById(int id);

 /**
  * Get User List
  *
  */
 public List<User> getUsers();
}
```

STEP 7 : CREATE UserDAO CLASS

UserDAO Class is created by implementing IUserDAO Interface.

```
package com.otv.user.dao;

import java.util.List;

import com.otv.model.User;

import org.hibernate.SessionFactory;

/**
 *
 * User DAO
 *
 * @author onlinetechvision.com
 * @since 25 Mar 2012
 * @version 1.0.0
 *
 */

public class UserDAO implements IUserDAO {

 private SessionFactory sessionFactory;

 /**
  * Get Hibernate Session Factory
  *
  * @return SessionFactory - Hibernate Session Factory
  */
 public SessionFactory getSessionFactory() {
  return sessionFactory;
 }

 /**
  * Set Hibernate Session Factory
  *
  * @param SessionFactory - Hibernate Session Factory
  */
 public void setSessionFactory(SessionFactory sessionFactory) {
        this.sessionFactory = sessionFactory;
    }

 /**
  * Add User
  *
  * @param  User user
  */
 @Override
 public void addUser(User user) {
  getSessionFactory().getCurrentSession().save(user);
 }

 /**
  * Delete User
  *
  * @param  User user
  */
 @Override
 public void deleteUser(User user) {
  getSessionFactory().getCurrentSession().delete(user);
 }

 /**
  * Update User
  *
  * @param  User user
  */
 @Override
 public void updateUser(User user) {
  getSessionFactory().getCurrentSession().update(user);
 }

 /**
  * Get User
  *
  * @param  int User Id
  * @return User
  */
 @Override
 public User getUserById(int id) {
  List list = getSessionFactory().getCurrentSession()
           .createQuery("from User where id=?")
                 .setParameter(0, id).list();
  return (User)list.get(0);
 }

 /**
  * Get User List
  *
  * @return List - User list
  */
 @Override
 public List<User> getUsers() {
  List list = getSessionFactory().getCurrentSession().createQuery("from User").list();
  return list;
 }

}
```

STEP 8 : CREATE IUserService INTERFACE

IUserService Interface provides methods to process the business logic.

```
package com.otv.user.service;

import java.util.List;

import com.otv.model.User;

/**
 *
 * User Service Interface
 *
 * @author onlinetechvision.com
 * @since 25 Mar 2012
 * @version 1.0.0
 *
 */
public interface IUserService {

 /**
  * Add User
  *
  * @param  User user
  */
 public void addUser(User user);

 /**
  * Update User
  *
  * @param  User user
  */
 public void updateUser(User user);

 /**
```

```
  * Delete User
  *
  * @param  User user
  */
 public void deleteUser(User user);

 /**
  * Get User
  *
  * @param  int User Id
  */
 public User getUserById(int id);

 /**
  * Get User List
  *
  * @return List - User list
  */
 public List<User> getUsers();
}
```

STEP 9 : CREATE UserService CLASS

UserService Class is created by implementing IUserService Interface.

```
package com.otv.user.service;

import java.util.List;

import org.springframework.transaction.annotation.Transactional;

import com.otv.model.User;
import com.otv.user.dao.IUserDAO;

/**
 *
 * User Service
 *
 * @author onlinetechvision.com
 * @since 25 Mar 2012
 * @version 1.0.0
 *
 */
@Transactional(readOnly = true)
public class UserService implements IUserService {

 // UserDAO is injected...
 IUserDAO userDAO;

 /**
  * Add User
  *
  * @param  User user
  */
 @Transactional(readOnly = false)
 @Override
 public void addUser(User user) {
  getUserDAO().addUser(user);
 }

 /**
  * Delete User
  *
  * @param  User user
  */
 @Transactional(readOnly = false)
 @Override
 public void deleteUser(User user) {
  getUserDAO().deleteUser(user);
 }
 /**
  * Update User
  *
  * @param  User user
  */
 @Transactional(readOnly = false)
 @Override
 public void updateUser(User user) {
  getUserDAO().updateUser(user);
 }

 /**
  * Get User
  *
  * @param  int User Id
  */
 @Override
 public User getUserById(int id) {
  return getUserDAO().getUserById(id);
 }

 /**
  * Get User List
  *
  */
 @Override
 public List<User> getUsers() {
  return getUserDAO().getUsers();
 }

 /**
  * Get User DAO
  *
  * @return IUserDAO - User DAO
  */
 public IUserDAO getUserDAO() {
  return userDAO;
 }

 /**
  * Set User DAO
  *
  * @param IUserDAO - User DAO
  */
 public void setUserDAO(IUserDAO userDAO) {
  this.userDAO = userDAO;
 }
}
```

STEP 10 : CREATE applicationContext.xml

Spring Application Context' s content is shown as follows :

```
<beans xmlns="http://www.springframework.org/schema/beans"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:tx="http://www.springframework.org/schema/tx"
  xmlns:context="http://www.springframework.org/schema/context"
  xsi:schemaLocation="http://www.springframework.org/schema/beans

http://www.springframework.org/schema/beans/spring-beans-3.0.xsd

http://www.springframework.org/schema/tx

http://www.springframework.org/schema/tx/spring-tx-3.0.xsd

http://www.springframework.org/schema/context

http://www.springframework.org/schema/context/spring-context-3.0.xsd">

 <!-- Beans Declaration -->
 <bean id="User" class="com.otv.model.User"/>
 <!-- User Service Declaration -->
 <bean id="UserService" class="com.otv.user.service.UserService">
  <property name="userDAO" ref="UserDAO" />
 </bean>

 <!-- User DAO Declaration -->
 <bean id="UserDAO" class="com.otv.user.dao.UserDAO">
  <property name="sessionFactory" ref="SessionFactory" />
 </bean>

 <!-- Data Source Declaration -->
 <bean id="DataSource" class="com.mchange.v2.c3p0.ComboPooledDataSource" destroy-metho
d="close">
  <property name="driverClass" value="com.mysql.jdbc.Driver" />
  <property name="jdbcUrl" value="jdbc:mysql://localhost:3306/Test" />
  <property name="user" value="root" />
  <property name="password" value="root" />
  <property name="maxPoolSize" value="10" />
  <property name="maxStatements" value="0" />
  <property name="minPoolSize" value="5" />
 </bean>

 <!-- Session Factory Declaration -->
 <bean id="SessionFactory" class="org.springframework.orm.hibernate4.LocalSessionFacto
ryBean">
  <property name="dataSource" ref="DataSource" />
  <property name="annotatedClasses">
   <list>
    <value>com.otv.model.User</value>
   </list>
  </property>
  <property name="hibernateProperties">
   <props>
    <prop key="hibernate.dialect">org.hibernate.dialect.MySQLDialect</prop>
    <prop key="hibernate.show_sql">true</prop>
   </props>
  </property>
 </bean>

 <!-- Enable the configuration of transactional behavior based on annotations -->
    <tx:annotation-driven transaction-manager="txManager"/>

 <!-- Transaction Manager is defined -->
    <bean id="txManager" class="org.springframework.orm.hibernate4.HibernateTransactio
nManager">
       <property name="sessionFactory" ref="SessionFactory"/>
    </bean>

</beans>
```

STEP 11 : CREATE faces-config.xml

JSF Configuration is shown as follows :

```
<?xml version="1.0" encoding="UTF-8"?>
<faces-config
    xmlns="http://java.sun.com/xml/ns/javaee"
    xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xsi:schemaLocation="http://java.sun.com/xml/ns/javaee

http://java.sun.com/xml/ns/javaee/web-facesconfig_2_0.xsd"

    version="2.0">

   <!-- JSF and Spring are integrated -->
   <application>
     <el-resolver>
      org.springframework.web.jsf.el.SpringBeanFacesELResolver
     </el-resolver>
   </application>
```

```
 <!-- configuration of navigation rules -->
 <navigation-rule>
     <from-view-id>/pages/index.xhtml</from-view-id>
     <navigation-case>
         <from-outcome>success</from-outcome>
            <to-view-id>/pages/success.xhtml</to-view-id>
        </navigation-case>
         <navigation-case>
         <from-outcome>error</from-outcome>
            <to-view-id>/pages/error.xhtml</to-view-id>
        </navigation-case>
    </navigation-rule>

</faces-config>
```

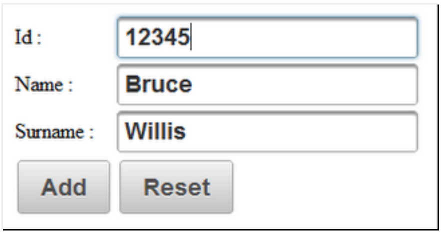
STEP 12 : CREATE web.xml

web.xml is configured as follows :

```
<?xml version="1.0" encoding="UTF-8"?>
<web-app xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
   xmlns="http://java.sun.com/xml/ns/javaee"
   xmlns:web="http://java.sun.com/xml/ns/javaee/web-app_2_5.xsd"
   xsi:schemaLocation="http://java.sun.com/xml/ns/javaee http://java.sun.com/xml/ns/ja
vaee/web-app_2_5.xsd"
   id="WebApp_ID"
   version="2.5">

   <display-name>OTV_JSF_PrimeFaces_Spring_Hibernate</display-name>

   <!-- Spring Context Configuration' s Path definition -->
      <context-param>
      <param-name>contextConfigLocation</param-name>
      <param-value>
      /WEB-INF/applicationContext.xml
      </param-value>
   </context-param>

   <!-- The Bootstrap listener to start up and shut down Spring's root WebApplicationC
ontext. It is registered to Servlet Container -->
   <listener>
  <listener-class>
   org.springframework.web.context.ContextLoaderListener
  </listener-class>
   </listener>
   <listener>
  <listener-class>
   org.springframework.web.context.request.RequestContextListener
  </listener-class>
   </listener>

   <!-- Project Stage Level -->
   <context-param>
     <param-name>javax.faces.PROJECT_STAGE</param-name>
     <param-value>Development</param-value>
   </context-param>

   <!-- Welcome Page -->
   <welcome-file-list>
     <welcome-file>/pages/index.xhtml</welcome-file>
   </welcome-file-list>

   <!-- JSF Servlet is defined to container -->
   <servlet>
     <servlet-name>Faces Servlet</servlet-name>
     <servlet-class>javax.faces.webapp.FacesServlet</servlet-class>
     <load-on-startup>1</load-on-startup>
   </servlet>

   <!-- Mapping with servlet and url for the http requests. -->
   <servlet-mapping>
     <servlet-name>Faces Servlet</servlet-name>
     <url-pattern>*.jsf</url-pattern>
   </servlet-mapping>
   <servlet-mapping>
     <servlet-name>Faces Servlet</servlet-name>
     <url-pattern>*.faces</url-pattern>
   </servlet-mapping>

</web-app>
```

STEP 13 : CREATE index.xhtml

index.xhtml is created as follows :



Id : 12345

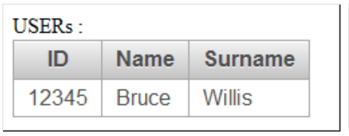
Name : Bruce

Surname : Willis

```
<html xmlns="http://www.w3.org/1999/xhtml"
     xmlns:h="http://java.sun.com/jsf/html"
      xmlns:f="http://java.sun.com/jsf/core"
     xmlns:p="http://primefaces.org/ui">
 <h:head><title>Welcome to OTV_JSF_Spring_Hibernate_Project</title></h:head>
 <h:body>
     <h:form>
      <table>
       <tr>
        <td><h:outputLabel for="id" value="Id : " /></td>
        <td><p:inputText id="id" value="#{userMB.id}">
          <f:converter converterId="javax.faces.Integer"/>
             <p:ajax event="blur" update="idMsg" />
         </p:inputText>
         <p:message id="idMsg" for="id" display="icon"/>
        </td>
       </tr>
       <tr>
        <td><h:outputLabel for="name" value="Name : " /></td>
        <td><p:inputText id="name" value="#{userMB.name}">
          <f:validateLength minimum="5" />
          <p:ajax event="blur" update="nameMsg" />
         </p:inputText>
         <p:message id="nameMsg" for="name" display="icon"/>
        </td>
       </tr>
       <tr>
        <td><h:outputLabel for="surname" value="Surname : " /></td>
        <td><p:inputText id="surname" value="#{userMB.surname}">
          <f:validateLength minimum="5" />
          <p:ajax event="blur" update="surnameMsg" />
         </p:inputText>
         <p:message id="surnameMsg" for="surname" display="icon"/>
        </td>
       </tr>
          <tr>
        <td><p:commandButton id="addUser" value="Add" action="#{userMB.addUser}" ajax=
"false"/></td>
        <td><p:commandButton id="reset" value="Reset" action="#{userMB.reset}" ajax="f
alse"/></td>
       </tr>
      </table>
     </h:form>
</h:body>
</html>
```

STEP 14 : CREATE success.xhtml

success.xhtml is created as follows :



USERs :

ID	Name	Surname
12345	Bruce	Willis

```
<html xmlns="http://www.w3.org/1999/xhtml"
 xmlns:h="http://java.sun.com/jsf/html"
 xmlns:f="http://java.sun.com/jsf/core"
 xmlns:p="http://primefaces.org/ui">
<h:head>
 <title>Welcome to OTV_JSF_Spring_Hibernate_Project</title>
</h:head>
<h:body>
 <h:form>
  <h:outputText value="USERs : "></h:outputText>
  <p:dataTable id="users" var="user" value="#{userMB.userList}" style="width: 10%">
   <p:column>
    <f:facet name="header">
     <h:outputText value="ID" />
    </f:facet>
    <h:outputText value="#{user.id}" />
   </p:column>
   <p:column>
    <f:facet name="header">
     <h:outputText value="Name" />
    </f:facet>
    <h:outputText value="#{user.name}" />
   </p:column>
   <p:column>
    <f:facet name="header">
     <h:outputText value="Surname" />
    </f:facet>
    <h:outputText value="#{user.surname}" />
   </p:column>
  </p:dataTable>
 </h:form>
</h:body>

</html>
```

STEP 15 : CREATE error.xhtml

error.xhtml is created as follows :

```
<html xmlns="http://www.w3.org/1999/xhtml"
     xmlns:h="http://java.sun.com/jsf/html"
     xmlns:f="http://java.sun.com/jsf/core"
     xmlns:p="http://primefaces.org/ui">

 <h:head><title>Welcome to JSF_PrimeFaces_Spring_Hibernate Project</title></h:head>
 <body>
 <f:view>
     <h:form>
         <h:outputText value="Transaction Error has occurred!"></h:outputText>
     </h:form>
 </f:view>
</body>
</html>
```

STEP 16 : DEPLOY PROJECT

After **OTV_JSF_Spring_Hibernate** Project is deployed to Tomcat, index page can be opened via following URL :

http://ip:port/OTV_JSF_Spring_Hibernate_Project-1.0-SNAPSHOT/pages/index.jsf

STEP 17 : DOWNLOAD

OTV_JSF_Spring_Hibernate

Reference: JSF2 + Primefaces3 + Spring3 & Hibernate4 Integration Project from our JCG partner Eren Avsarogullari at the Online Technology Vision blog.

3

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Curtir

Posted by Nikos Maravitsas at 9:00 AM 9 Comments and 9 Reactions
Labels: Hibernate, JSF, PrimeFaces, Spring

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bbkumscap

Hi
I solved my probleme.first, it's not necessery to add some dependancies.2nd, in postgres, User is a reserved keyword , we should not use this as a table name.Thanks

2 weeks ago Like Reply

Ghazi Hakim

Hi
I have a warning in faces-config.xml in this tag:
 <application>
  <el-resolver>
  org.springframework.web.jsf.el.SpringBeanFacesELResolver
  </el-resolver>
 </application> the warning is:Class org.springframework.web.jsf.el.SpringBeanFacesELResolver must extend the type javax.el.ELResolver. Any solution ?
Thank you

2 weeks ago Like Reply

bbkumscap

add this in your pom
<dependency>
 <groupid>org.apache.tomcat</groupid>
 <artifactid>tomcat-el-api</artifactid>
 <version>${tomcat.version}</version>

```
  <scope>provided</scope>
</dependency>
```

Or

```
<dependency>
<groupid>javax.el</groupid>
<artifactid>el-api</artifactid>
<version>2.2</version>
<scope>provided</scope>
</dependency>
```

2 weeks ago in reply to Ghazi Hakim Like Reply

bbkumscap

hi
i download and test this sample, i little changed it for using postgres instead mysql, when i compiled it, it made errors, i resolved the problems by adding dependancies

```
<dependency> <groupid>dom4j</groupid> <artifactid>dom4j</artifactid> <version>1.6.1</version>
<scope>compile</scope> </dependency> <dependency> <groupid>org.jboss.logging</groupid> <artifactid>jboss-
logging</artifactid> <version>3.1.0.GA</version> </dependency> <dependency> <groupid>org.hibernate</groupid>
<artifactid>hibernate-infinispan</artifactid> <version>4.1.1.Final</version> </dependency> <dependency>
<groupid>org.infinispan</groupid> <artifactid>infinispan-core</artifactid> <version>5.1.2.CR1</version>
</dependency> <dependency> <groupid>org.hibernate.javax.persistence</groupid> <artifactid>hibernate-jpa-2.0-
api</artifactid> <version>1.0.1.Final</version> </dependency> <dependency>
<groupid>javax.transaction</groupid> <artifactid>jta</artifactid> <version>1.1</version> <type>jar</type>
</dependency>
```

When i add the new user, i have a transaction error

```
Caused by: org.postgresql.util.PSQLException: ERREUR: erreur de syntaxe sur ou près de « user »  Position : 13 at
org.postgresql.core.v3.QueryExecutorImpl.receiveErrorResponse(QueryExecutorImpl.java:2103) at
org.postgresql.core.v3.QueryExecutorImpl.processResults(QueryExecutorImpl.java:1836) at
org.postgresql.core.v3.QueryExecutorImpl.execute(QueryExecutorImpl.java:257) at
org.postgresql.jdbc2.AbstractJdbc2Statement.execute(AbstractJdbc2Statement.java:512) at
org.postgresql.jdbc2.AbstractJdbc2Statement.executeWithFlags(AbstractJdbc2Statement.java:388) at
org.postgresql.jdbc2.AbstractJdbc2Statement.executeUpdate(AbstractJdbc2Statement.java:334) at
com.mchange.v2.c3p0.impl.NewProxyPreparedStatement.executeUpdate(NewProxyPreparedStatement.java:105)
at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method) at
sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:57) at
sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43) at
java.lang.reflect.Method.invoke(Method.java:601) at
org.hibernate.engine.jdbc.internal.proxy.AbstractStatementProxyHandler.continueInvocation(AbstractStatementProx
yHandler.java:122) ... 56 more
```

thanks

2 weeks ago Like Reply

bbkumscap

solved

2 weeks ago in reply to bbkumscap Like Reply

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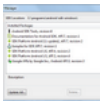
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