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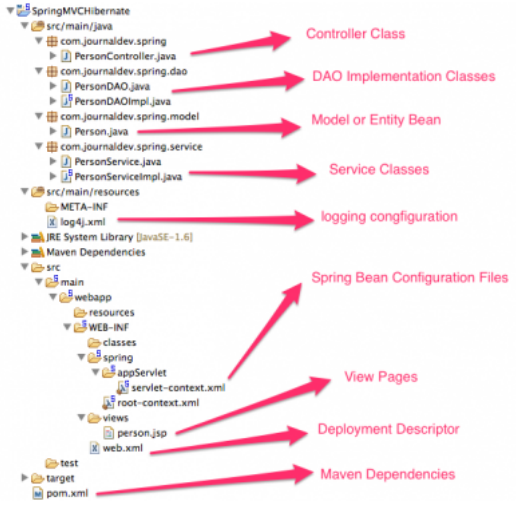
Spring MVC Hibernate MySQL Integration CRUD Example Tutorial

JUNE 24, 2016 BY PANKAJ — 301 COMMENTS

We learned how to integrate Spring and Hibernate in our last tutorial. Today we will move forward and integrate **Spring MVC and Hibernate** frameworks in a web application CRUD example.

Our final project structure looks like below image, we will look into each of the components one by one.



Note that I am using Spring 4.0.3.Release and Hibernate 4.3.5.Final versions for our example, same program is also compatible for Spring 4 and Hibernate 3, however you need to make small changes in spring bean configuration file discussed in the last tutorial.

Spring Tutorial

Spring Core

- Spring Dependency Injection
- Spring IoC and Bean
- Spring Bean Life Cycle
- Spring REST
- Spring REST XML
- Spring AOP

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Let's look at all the maven dependencies are required for hibernate and spring mvc framework integration.

```
<?xml version="1.0" encoding="UTF-8"?>
<project xmlns="http://maven.apache.org/POM/4.0.0"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
        xsi:schemaLocation="http://maven.apache.org/POM/4.0.0
http://maven.apache.org/maven-v4_0_0.xsd">
        <modelVersion>4.0.0</modelVersion>
        <groupId>com.journaldev.spring</groupId>
        <artifactId>SpringMVCHibernate</artifactId>
        <name>SpringMVCHibernate</name>
        <packaging>war</packaging>
        <version>1.0.0-BUILD-SNAPSHOT</version>
        <properties>
                <java-version>1.6</java-version>
                <org.springframework-
version>4.0.3.RELEASE</org.springframework-version>
                <org.aspectj-version>1.7.4</org.aspectj-version>
                <org.slf4j-version>1.7.5</org.slf4j-version>
                <hibernate.version>4.3.5.Final</hibernate.version>
        </properties>
        <dependencies>
                <!-- Spring -->
                <dependency>
                        <groupId>org.springframework</groupId>
                        <artifactId>spring-context</artifactId>
                        <version>${org.springframework-version}</version>
                        <exclusions>
                                <!-- Exclude Commons Logging in favor of
SLF4j -->
                                <exclusion>
                                        <groupId>commons-logging</groupId>
                                        <artifactId>commons-
logging</artifactId>
                                 </exclusion>
                        </exclusions>
```

Some of the dependencies above are included by STS (Spring Tool Suite) when I create Spring MVC project. Important dependencies above are **spring-context**, **spring-webmvc**, **spring-tx**, **hibernate-core**, **hibernate-**

- Spring @Autowired
- Spring @RequestMapping

Spring MVC

- Spring MVC Tutorial
- Spring MVC Exception Handling
- Spring MVC Validator
- Spring MVC Intercepter
- Spring MVC File Upload
- Spring MVC i18n
- Spring MVC Hibernate MqSQL

Spring ORM

- Spring ORM
- Spring ORM JPA
- Spring Transaction

Spring Security

- Spring Security Overview
- Spring Security Example Tutorial
- Spring Security UserDetailsService
- Spring MVC Login Logout
- Spring Security Roles

Spring Boot

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the JNDI reference details to use.

NOTE: I noticed that some of the readers are getting database connection issues. Notice that in my pom.xml, there is no database driver. That works for me because I have MySQL driver in tomcat lib directory and some DataSource connections configured with it. For any database connection related issues, either put the database driver in container lib or include that in pom.xml dependencies.

Deployment Descriptor

We need to plugin spring framework in our web application, that is done by configuring Spring framework `DispatcherServlet` as front controller. Our web.xml file looks like below.

- Spring Boot Components
- Spring Boot CLI Hello World
- Spring Boot Initilizr Web
- Spring Boot Initilizr IDE
- Spring Boot Initilizr CLI
- Spring Boot Initilizr Tools
- Spring Boot Summary

Spring AMQP

- Spring AMQP Overview
- Spring AMQP RabbitMQ
- Spring AMQP Example
- Spring AMQP ActiveMQ

Spring Integrations

- Spring JDBC
- Spring DataSource JNDI
- Spring Hibernate
- Spring Primefaces JPA
- Spring Primefaces MongoDB
- Spring Primefaces Hibernate
- SpringRoo Primefaces Hibernate
- Spring JSF

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```
<web-app version="2.5" 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-app_2_5.xsd">

        <!-- The definition of the Root Spring Container shared by all
Servlets and Filters -->
        <context-param>
                <param-name>contextConfigLocation</param-name>
                <param-value>/WEB-INF/spring/root-context.xml</param-value>
        </context-param>

        <!-- Creates the Spring Container shared by all Servlets and Filters
-->
        <listener>
                <listener-
class>org.springframework.web.context.ContextLoaderListener</listener-class>
        </listener>

        <!-- Processes application requests -->
        <servlet>
                <servlet-name>appServlet</servlet-name>
                <servlet-
class>org.springframework.web.servlet.DispatcherServlet</servlet-class>
                <init-param>
                        <param-name>contextConfigLocation</param-name>
                        <param-value>/WEB-INF/spring/appServlet/servlet-
context.xml</param-value>
                </init-param>
                <load-on-startup>1</load-on-startup>
        </servlet>

        <servlet-mapping>
```

Most of the part is boiler plate code, most important part is the spring context file location where we will configure our spring beans and services. If you want, you can change them according to your project requirements.

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Miscellaneous

- Spring Data MongoDB
- Spring Interview Questions

Hibernate Tutorial

- Hibernate Example
- Hibernate SessionFactory
- Hibernate Session get load
- Hibernate Session save
- HQL Example
- Hibernate Criteria
- Hibernate SQL
- Hibernate Named Query
- Hibernate Log4J
- Hibernate Validator
- Hibernate Tomcat DataSource

Hibernate Mapping

- Hibernate One to One Mapping
- Hibernate One to Many Mapping
- Hibernate Many to Many Join Tables

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Hibernate Entity Bean

We are using JPA annotations in our entity bean class, however we can also have a simple java bean and mapping details in the xml file. In that case, we need to provide mapping file details while configuring Hibernate SessionFactory in spring bean configurations.

- Hibernate Cache
- Hibernate EHCache

Hibernate Integrations

- Hibernate Spring
- Hibernate Spring MVC
- Hibernate Struts 2
- Hibernate Primefaces
- Hibernate Primefaces Spring
- Hibernate SpringRoo Primefaces
- Hibernate JSF Spring

Miscellaneous

- Hibernate Tools Eclipse Plugin
- Hibernate Configuration Offline
- [Solved] No identifier specified
- Hibernate Program Not Terminating
- Access to DialectResolutionInfo
- get is not valid
- No CurrentSessionContext configured
- Hibernate Interview Questions

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```
import javax.persistence.Column;
import javax.persistence.Entity;
import javax.persistence.GeneratedValue;
import javax.persistence.GenerationType;
import javax.persistence.Id;
import javax.persistence.Table;

/**
 * Entity bean with JPA annotations
 * Hibernate provides JPA implementation
 * @author pankaj
 *
 */
@Entity
@Table(name="PERSON")
public class Person {

	@Id
	@Column(name="id")
	@GeneratedValue(strategy=GenerationType.IDENTITY)
	private int id;

	private String name;

	private String country;

	public int getId() {
		return id;
	}

	public void setId(int id) {
		this.id = id;
```

Our entity bean maps to PERSON table in MySQL database, notice that I have not annotated "name" and "country" fields with `@Column` annotation because they are of same name. Below SQL script shows the table details.

Name
E-Mail Address
I AM IN!

RECOMMENDED TUTORIALS

Java Tutorials: Java IO Tutorial, Java Regular Expressions Tutorial, Multithreading in Java, Java Logging API Tutorial, Java Annotations,Java XML Tutorial, Collections in Java, Java Generics, Exception Handling in Java, Java Reflection, Java Design Patterns, JDBC Tutorial
Java EE: Servlet JSP Tutorial, Struts2 Tutorial, Spring Tutorial, Hibernate Tutorial, Primefaces Tutorial
Web Services: Apache Axis 2 Tutorial, JAX-RS Web Services Tutorial
Misc: Memcached Tutorial

Resources: Free eBooks, My Favorite Web Hosting

IMPORTANT INTERVIEW QUESTIONS

Java String Interview Questions, Java Multithreading Interview Questions, Java Programming Interview Questions, Java Interview Questions, Java Collections Interview Questions, Java Exception Interview Questions

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```
  `id` int(11) unsigned NOT NULL AUTO_INCREMENT,
  `name` varchar(20) NOT NULL DEFAULT '',
  `country` varchar(20) DEFAULT NULL,
  PRIMARY KEY (`id`)
) ENGINE=InnoDB AUTO_INCREMENT=1 DEFAULT CHARSET=utf8;
```

Hibernate DAO Implementation

We will create `PersonDAO` interface to declare the methods that we will use in our project. Next, we will provide hibernate specific implementation for it.

```
package com.journaldev.spring.dao;

import java.util.List;

import com.journaldev.spring.model.Person;

public interface PersonDAO {

	public void addPerson(Person p);
	public void updatePerson(Person p);
	public List<Person> listPersons();
	public Person getPersonById(int id);
	public void removePerson(int id);
}
```

Hibernate specific DAO implementation looks like below.

JDBC Interview Questions, Spring Interview Questions, Hibernate Interview Questions

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```
import java.util.List;

import org.hibernate.Session;
import org.hibernate.SessionFactory;
import org.slf4j.Logger;
import org.slf4j.LoggerFactory;
import org.springframework.stereotype.Repository;

import com.journaldev.spring.model.Person;

@Repository
public class PersonDAOImpl implements PersonDAO {

	private static final Logger logger =
LoggerFactory.getLogger(PersonDAOImpl.class);

	private SessionFactory sessionFactory;

	public void setSessionFactory(SessionFactory sf){
		this.sessionFactory = sf;
	}

	@Override
	public void addPerson(Person p) {
		Session session = this.sessionFactory.getCurrentSession();
		session.persist(p);
		logger.info("Person saved successfully, Person Details="+p);
	}

	@Override
	public void updatePerson(Person p) {
		Session session = this.sessionFactory.getCurrentSession();
```

Notice that I am not using Hibernate Transaction, that is because it will be taken care by Spring framework.

Spring Service Classes

Here are our service classes that are using Hibernate DAO classes to work with Person objects.

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```java
package com.journaldev.spring.service;

import java.util.List;

import com.journaldev.spring.model.Person;

public interface PersonService {

	public void addPerson(Person p);
	public void updatePerson(Person p);
	public List<Person> listPersons();
	public Person getPersonById(int id);
	public void removePerson(int id);

}
```

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```
import java.util.List;

import org.springframework.stereotype.Service;
import org.springframework.transaction.annotation.Transactional;

import com.journaldev.spring.dao.PersonDAO;
import com.journaldev.spring.model.Person;

@Service
public class PersonServiceImpl implements PersonService {

	private PersonDAO personDAO;

	public void setPersonDAO(PersonDAO personDAO) {
		this.personDAO = personDAO;
	}

	@Override
	@Transactional
	public void addPerson(Person p) {
		this.personDAO.addPerson(p);
	}

	@Override
	@Transactional
	public void updatePerson(Person p) {
		this.personDAO.updatePerson(p);
	}

	@Override
	@Transactional
	public List<Person> listPersons() {
```

Notice that spring declarative transaction management is applied by using `@Transactional` annotation.

Spring Controller Class

Our DAO and Service classes are ready, it's time to write our controller class that will take care of client requests and use service classes to perform database specific operations and then return the view pages.

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```
import org.springframework.beans.factory.annotation.Autowired;
import org.springframework.beans.factory.annotation.Qualifier;
import org.springframework.stereotype.Controller;
import org.springframework.ui.Model;
import org.springframework.web.bind.annotation.ModelAttribute;
import org.springframework.web.bind.annotation.PathVariable;
import org.springframework.web.bind.annotation.RequestMapping;
import org.springframework.web.bind.annotation.RequestMethod;

import com.journaldev.spring.model.Person;
import com.journaldev.spring.service.PersonService;

@Controller
public class PersonController {

	private PersonService personService;

	@Autowired(required=true)
	@Qualifier(value="personService")
	public void setPersonService(PersonService ps){
		this.personService = ps;
	}

	@RequestMapping(value = "/persons", method = RequestMethod.GET)
	public String listPersons(Model model) {
		model.addAttribute("person", new Person());
		model.addAttribute("listPersons",
this.personService.listPersons());
		return "person";
	}

	//For add and update person both
```

Notice that I am using `@Controller` annotation, so that Spring framework will treat it as a Controller class to handle client requests. Also I am using `@Autowired` and `@Qualifier` annotations for injecting `PersonService`, we could have done it in the spring context xml file too.

Recommended Read: Spring Bean Autowiring

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Our services are ready, all we need is to wire them through spring bean configurations. Our root-context.xml file is empty, so we will look only into servlet-context.xml file.

```
<?xml version="1.0" encoding="UTF-8"?>
<beans:beans xmlns="http://www.springframework.org/schema/mvc"
        xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:beans="http://www.springframework.org/schema/beans"
        xmlns:context="http://www.springframework.org/schema/context"
xmlns:tx="http://www.springframework.org/schema/tx"
        xsi:schemaLocation="http://www.springframework.org/schema/mvc
http://www.springframework.org/schema/mvc/spring-mvc.xsd
                http://www.springframework.org/schema/beans
http://www.springframework.org/schema/beans/spring-beans.xsd
                http://www.springframework.org/schema/context
http://www.springframework.org/schema/context/spring-context.xsd
                http://www.springframework.org/schema/tx
http://www.springframework.org/schema/tx/spring-tx-4.0.xsd">

        <!-- DispatcherServlet Context: defines this servlet's request-
processing
                infrastructure -->

        <!-- Enables the Spring MVC @Controller programming model -->
        <annotation-driven />

        <!-- Handles HTTP GET requests for /resources/** by efficiently
serving
                up static resources in the ${webappRoot}/resources directory
-->
        <resources mapping="/resources/**" location="/resources/" />

        <!-- Resolves views selected for rendering by @Controllers to .jsp
resources
                in the /WEB-INF/views directory -->
        <beans:bean

class="org.springframework.web.servlet.view.InternalResourceViewResolver">
```

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`org.springframework.orm.hibernate4.LocalSessionFactoryBean` bean is used for Hibernate 4 SessionFactory. For Hibernate 3, you will find similar classes as `org.springframework.orm.hibernate3.LocalSessionFactoryBean` and `org.springframework.orm.hibernate3.AnnotationSessionFactoryBean`.

One important point is that when we are depending on Spring framework for Hibernate Session management, we should not define `hibernate.current_session_context_class` property, otherwise you will get a lot of session transaction related issues.

personDAO and **personService** beans are self understood.

transactionManager bean definition for `org.springframework.orm.hibernate4.HibernateTransactionManager` is required for Spring ORM to support hibernate session transaction management. For Hibernate 3, you will find similar class as `org.springframework.orm.hibernate3.HibernateTransactionManager`. Spring uses AOP for transaction management, you can now relate it with `@Transactional` annotation.

Recommended Read: Spring AOP and Spring Transaction Management

View Page

Our last part of application is the view page, notice the attributes added to Model in Controller handler methods, we will use them to create our view page. We will also use JSTL tags, spring core and spring form tags.

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```
<%@ taglib uri="http://www.springframework.org/tags" prefix="spring" %>
<%@ taglib uri="http://www.springframework.org/tags/form" prefix="form" %>
<%@ page session="false" %>
<html>
<head>
	<title>Person Page</title>
	<style type="text/css">
		.tg  {border-collapse:collapse;border-spacing:0;border-
color:#ccc;}
		.tg td{font-family:Arial, sans-serif;font-
size:14px;padding:10px 5px;border-style:solid;border-
width:1px;overflow:hidden;word-break:normal;border-
color:#ccc;color:#333;background-color:#fff;}
		.tg th{font-family:Arial, sans-serif;font-size:14px;font-
weight:normal;padding:10px 5px;border-style:solid;border-
width:1px;overflow:hidden;word-break:normal;border-
color:#ccc;color:#333;background-color:#f0f0f0;}
		.tg .tg-4eph{background-color:#f9f9f9}
	</style>
</head>
<body>
<h1>
	Add a Person
</h1>

<c:url var="addAction" value="/person/add" ></c:url>

<form:form action="${addAction}" commandName="person">
<table>
	<c:if test="${!empty person.name}">
	<tr>
		<td>
			<form:label path="id">
```

Spring MVC Hibernate Application Testing

Just build and deploy the project into any servlet container of your choice, for example Tomcat. Below screenshots shows the view pages for our application.

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You will also find similar logs in the server log file.

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```
INFO : com.journaldev.spring.dao.PersonDAOImpl - Person saved successfully,
Person Details=id=15, name=Pankaj, country=USA
Hibernate: select person0_.id as id1_0_, person0_.country as country2_0_,
person0_.name as name3_0_ from PERSON person0_
INFO : com.journaldev.spring.dao.PersonDAOImpl - Person List::id=10,
name=Raman, country=UK2
INFO : com.journaldev.spring.dao.PersonDAOImpl - Person List::id=11, name=Lisa,
country=France
INFO : com.journaldev.spring.dao.PersonDAOImpl - Person List::id=15,
name=Pankaj, country=USA
```

Summary

This tutorial was aimed to provide sufficient details for you to getting started with Spring MVC and Hibernate integration, I hope you will find it useful. You can download final project from below link and play around with it.

Download Spring MVC Hibernate Integration Project
55315 downloads

FILED UNDER: HIBERNATE, SPRING

About Pankaj

If you have come this far, it means that you liked what you are reading. Why not reach little more and connect with me directly on **Google Plus**, **Facebook** or **Twitter**. I would love to hear your thoughts and opinions on my articles directly.

Recently I started creating video tutorials too, so do check out my videos on **Youtube**.

« Spring Hibernate Integration Example Tutorial (Spring 4 + Hibernate 3 and Hibernate 4)

Struts2 Hibernate Integration Example Tutorial »

Comments

Selven says
JANUARY 11, 2017 AT 7:43 PM

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to JSP. local host says 404 error.

Reply

ismail fedakar says
DECEMBER 26, 2016 AT 1:20 PM

Merhaba Pankaj.
Kardeşim bu projeyide çalıştıramadım. Nedenini araştırıyorum her türlü deneme yapıyorum ama çalışmıyor. Bu projelerin güncel versyonlarını koysan olmazmı. İnanki çok zaman kaybediyoruz. Bunca emek harcıyorsunuz. Sizede yazık bizede yazık.
Kolay Gelsin.

Reply

ismail fedakar says
DECEMBER 26, 2016 AT 1:15 PM

Merhaba pankaj.
Ne yaptıysam bu proje çalışmıyor kardeşim. Projelerin güncel versiyonlarını koysanız olmazmı.
Bu projeler jdk 1.6 ile yapılmış ki artık eclips te varsayılan olarak gelmiyor. Windows 7 de zaten jdk 1.6 desteklemiyor.
Boşa zaman kaybediyoruz. Yanlış anlama kardeşim buradan indirdiğim projelerin nerdeyse hiç biri çalışmıyor.
Kolay Gelsin.

Reply

vowovrz says
DECEMBER 15, 2016 AT 10:27 PM

1. In web.xml:

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encoding
UTF-8

forceEncoding
true

2. In pom.xml

5.1.38

mysql
mysql-connector-java
${mysql.version}

3, In database testdb:

```
DROP TABLE IF EXISTS `person`;
CREATE TABLE `person` (
`Id` int(11) NOT NULL AUTO_INCREMENT,
`name` varchar(255) DEFAULT NULL,
`country` varchar(255) DEFAULT NULL,
PRIMARY KEY (`Id`)
) ENGINE=InnoDB AUTO_INCREMENT=5 DEFAULT CHARSET=utf8;
```

Reply

Keval Soni says
DECEMBER 4, 2016 AT 6:34 PM

```
@Controller
public class TravelHelperController {

private static Logger log=Logger.getLogger(TravelHelperController.class.getName());

private UserProfileService userProfileService;
```

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```
public void setUserProfileService(UserProfileService profile){
this.userProfileService = profile;
}

@RequestMapping("/welcome")
public ModelAndView helloWorld(){
System.out.println("In TravelHelperController :: method helloWorld");
log.info("In TravelHelperController :: method helloWorld");
String message = ""
+ "********** Hello second page ";
return new ModelAndView("welcome", "message", message);

}

@RequestMapping("/login")
public ModelAndView checkLogin(){
System.out.println("In TravelHelperController :: method checkLogin");
log.info("In TravelHelperController :: method checkLogin");
List profile = userProfileService.listProfile();
System.out.println("Size : "+profile.size());
return new ModelAndView("home", "message", "in home");
}

}
```

Error Log:

```
Dec 04, 2016 2:04:49 PM org.apache.catalina.core.ApplicationContext log
INFO: Initializing Spring FrameworkServlet 'travelhelper'
Dec 04, 2016 2:04:50 PM org.apache.catalina.core.ApplicationContext log

SEVERE: StandardWrapper.Throwable
org.springframework.beans.factory.UnsatisfiedDependencyException: Error creating bean with name
'travelHelperController': Unsatisfied dependency expressed through method 'setUserProfileService'
parameter 0: No qualifying bean of type [com.travelhelper.service.UserProfileService] found for
dependency [com.travelhelper.service.UserProfileService]: expected at least 1 bean which qualifies as
autowire candidate for this dependency. Dependency annotations: {}; nested exception is
org.springframework.beans.factory.NoSuchBeanDefinitionException: No qualifying bean of type
[com.travelhelper.service.UserProfileService] found for dependency
```

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at
org.springframework.beans.factory.annotation.AutowiredAnnotationBeanPostProcessor$AutowiredMethodElement.inject(AutowiredAnnotationBeanPostProcessor.java:647)

Kindly help me in resolving this issue

Reply

Keval Soni says
DECEMBER 5, 2016 AT 12:29 PM

Issue is resolved

Reply

Harshi says
DECEMBER 1, 2016 AT 1:10 AM

HTTP Status 500 – Servlet.init() for servlet appServlet threw exception

type Exception report

message Servlet.init() for servlet appServlet threw exception

description The server encountered an internal error that prevented it from fulfilling this request.

exception

javax.servlet.ServletException: Servlet.init() for servlet appServlet threw exception
org.apache.catalina.authenticator.AuthenticatorBase.invoke(AuthenticatorBase.java:472)
org.apache.catalina.valves.ErrorReportValve.invoke(ErrorReportValve.java:79)
org.apache.catalina.valves.AbstractAccessLogValve.invoke(AbstractAccessLogValve.java:620)
org.apache.catalina.connector.CoyoteAdapter.service(CoyoteAdapter.java:349)
org.apache.coyote.http11.Http11Processor.service(Http11Processor.java:783)
org.apache.coyote.AbstractProcessorLight.process(AbstractProcessorLight.java:66)
org.apache.coyote.AbstractProtocol$ConnectionHandler.process(AbstractProtocol.java:745)

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java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1142)
java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:617)
org.apache.tomcat.util.threads.TaskThread$WrappingRunnable.run(TaskThread.java:61)
java.lang.Thread.run(Thread.java:745)
root cause

org.springframework.beans.factory.xml.XmlBeanDefinitionStoreException: Line 42 in XML document from ServletContext resource [/WEB-INF/spring/appServlet/servlet-context.xml] is invalid; nested exception is org.xml.sax.SAXParseException; lineNumber: 42; columnNumber: 15; cvc-complex-type.2.3: Element 'beans:beans' cannot have character [children], because the type's content type is element-only.
org.springframework.beans.factory.xml.XmlBeanDefinitionReader.doLoadBeanDefinitions(XmlBeanDefinitionReader.java:398)
org.springframework.beans.factory.xml.XmlBeanDefinitionReader.loadBeanDefinitions(XmlBeanDefinitionReader.java:335)
org.springframework.beans.factory.xml.XmlBeanDefinitionReader.loadBeanDefinitions(XmlBeanDefinitionReader.java:303)
org.springframework.beans.factory.support.AbstractBeanDefinitionReader.loadBeanDefinitions(AbstractBeanDefinitionReader.java:180)
org.springframework.beans.factory.support.AbstractBeanDefinitionReader.loadBeanDefinitions(AbstractBeanDefinitionReader.java:216)
org.springframework.beans.factory.support.AbstractBeanDefinitionReader.loadBeanDefinitions(AbstractBeanDefinitionReader.java:187)
org.springframework.web.context.support.XmlWebApplicationContext.loadBeanDefinitions(XmlWebApplicationContext.java:125)
org.springframework.web.context.support.XmlWebApplicationContext.loadBeanDefinitions(XmlWebApplicationContext.java:94)
org.springframework.context.support.AbstractRefreshableApplicationContext.refreshBeanFactory(AbstractRefreshableApplicationContext.java:129)
org.springframework.context.support.AbstractApplicationContext.obtainFreshBeanFactory(AbstractApplicationContext.java:540)
org.springframework.context.support.AbstractApplicationContext.refresh(AbstractApplicationContext.java:454)
org.springframework.web.servlet.FrameworkServlet.configureAndRefreshWebApplicationContext(FrameworkServlet.java:658)
org.springframework.web.servlet.FrameworkServlet.createWebApplicationContext(FrameworkServlet.java:624)
org.springframework.web.servlet.FrameworkServlet.createWebApplicationContext(FrameworkServlet.java:672)
org.springframework.web.servlet.FrameworkServlet.initWebApplicationContext(FrameworkServlet.java:543)
org.springframework.web.servlet.FrameworkServlet.initServletBean(FrameworkServlet.java:484)
org.springframework.web.servlet.HttpServletBean.init(HttpServletBean.java:136)
javax.servlet.GenericServlet.init(GenericServlet.java:158)
org.apache.catalina.authenticator.AuthenticatorBase.invoke(AuthenticatorBase.java:472)
org.apache.catalina.valves.ErrorReportValve.invoke(ErrorReportValve.java:79)
org.apache.catalina.valves.AbstractAccessLogValve.invoke(AbstractAccessLogValve.java:620)
org.apache.catalina.connector.CoyoteAdapter.service(CoyoteAdapter.java:349)
org.apache.coyote.http11.Http11Processor.service(Http11Processor.java:783)
org.apache.coyote.AbstractProcessorLight.process(AbstractProcessorLight.java:66)
org.apache.coyote.AbstractProtocol$ConnectionHandler.process(AbstractProtocol.java:745)
org.apache.tomcat.util.net.NioEndpoint$SocketProcessor.doRun(NioEndpoint.java:1455)
org.apache.tomcat.util.net.SocketProcessorBase.run(SocketProcessorBase.java:49)
java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1142)
java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:617)

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root cause

```
org.xml.sax.SAXParseException; lineNumber: 42; columnNumber: 15; cvc-complex-type.2.3: Element
'beans:beans' cannot have character [children], because the type's content type is element-only.
com.sun.org.apache.xerces.internal.util.ErrorHandlerWrapper.createSAXParseException(ErrorHandlerWrapper.java:203)
com.sun.org.apache.xerces.internal.util.ErrorHandlerWrapper.error(ErrorHandlerWrapper.java:134)
com.sun.org.apache.xerces.internal.impl.XMLErrorReporter.reportError(XMLErrorReporter.java:396)
com.sun.org.apache.xerces.internal.impl.XMLErrorReporter.reportError(XMLErrorReporter.java:327)
com.sun.org.apache.xerces.internal.impl.XMLErrorReporter.reportError(XMLErrorReporter.java:284)
com.sun.org.apache.xerces.internal.impl.xs.XMLSchemaValidator$XSIErrorReporter.reportError(XMLSchemaValidator.java:452)
com.sun.org.apache.xerces.internal.impl.xs.XMLSchemaValidator.reportSchemaError(XMLSchemaValidator.java:3230)
com.sun.org.apache.xerces.internal.impl.xs.XMLSchemaValidator.elementLocallyValidComplexType(XMLSchemaValidator.java:3193)
com.sun.org.apache.xerces.internal.impl.xs.XMLSchemaValidator.elementLocallyValidType(XMLSchemaValidator.java:3153)
com.sun.org.apache.xerces.internal.impl.xs.XMLSchemaValidator.processElementContent(XMLSchemaValidator.java:3055)
com.sun.org.apache.xerces.internal.impl.xs.XMLSchemaValidator.handleEndElement(XMLSchemaValidator.java:2134)
com.sun.org.apache.xerces.internal.impl.xs.XMLSchemaValidator.endElement(XMLSchemaValidator.java:853)
com.sun.org.apache.xerces.internal.impl.XMLDocumentFragmentScannerImpl.scanEndElement(XMLDocumentFragmentScannerImpl.java:1782)
com.sun.org.apache.xerces.internal.impl.XMLDocumentFragmentScannerImpl$FragmentContentDriver.next(XMLDocumentFragmentScannerImpl.java:2967)
com.sun.org.apache.xerces.internal.impl.XMLDocumentScannerImpl.next(XMLDocumentScannerImpl.java:602)
com.sun.org.apache.xerces.internal.impl.XMLNSDocumentScannerImpl.next(XMLNSDocumentScannerImpl.java:112)
com.sun.org.apache.xerces.internal.impl.XMLDocumentFragmentScannerImpl.scanDocument(XMLDocumentFragmentScannerImpl.java:505)
com.sun.org.apache.xerces.internal.parsers.XML11Configuration.parse(XML11Configuration.java:841)
com.sun.org.apache.xerces.internal.parsers.XML11Configuration.parse(XML11Configuration.java:770)
com.sun.org.apache.xerces.internal.parsers.XMLParser.parse(XMLParser.java:141)
com.sun.org.apache.xerces.internal.parsers.DOMParser.parse(DOMParser.java:243)
com.sun.org.apache.xerces.internal.jaxp.DocumentBuilderImpl.parse(DocumentBuilderImpl.java:339)
org.springframework.beans.factory.xml.DefaultDocumentLoader.loadDocument(DefaultDocumentLoader.java:76)
org.springframework.beans.factory.xml.XmlBeanDefinitionReader.doLoadDocument(XmlBeanDefinitionReader.java:428)
org.springframework.beans.factory.xml.XmlBeanDefinitionReader.doLoadBeanDefinitions(XmlBeanDefinitionReader.java:390)
org.springframework.beans.factory.xml.XmlBeanDefinitionReader.loadBeanDefinitions(XmlBeanDefinitionReader.java:335)
org.springframework.beans.factory.xml.XmlBeanDefinitionReader.loadBeanDefinitions(XmlBeanDefinitionReader.java:303)
org.springframework.beans.factory.support.AbstractBeanDefinitionReader.loadBeanDefinitions(AbstractBeanDefinitionReader.java:180)
org.springframework.beans.factory.support.AbstractBeanDefinitionReader.loadBeanDefinitions(AbstractBeanDefinitionReader.java:216)
org.springframework.beans.factory.support.AbstractBeanDefinitionReader.loadBeanDefinitions(AbstractBeanDefinitionReader.java:187)
org.springframework.web.context.support.XmlWebApplicationContext.loadBeanDefinitions(XmlWebApplicationContext.java:125)
org.springframework.web.context.support.XmlWebApplicationContext.loadBeanDefinitions(XmlWebApplicationContext.java:94)
org.springframework.context.support.AbstractRefreshableApplicationContext.refreshBeanFactory(AbstractRefreshableApplicationContext.java:129)
org.springframework.context.support.AbstractApplicationContext.obtainFreshBeanFactory(AbstractApplicationContext.java:540)
org.springframework.context.support.AbstractApplicationContext.refresh(AbstractApplicationContext.java:454)
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org.springframework.web.servlet.FrameworkServlet.createWebApplicationContext(FrameworkServlet.java:672)
org.springframework.web.servlet.FrameworkServlet.initWebApplicationContext(FrameworkServlet.java:543)
org.springframework.web.servlet.FrameworkServlet.initServletBean(FrameworkServlet.java:484)
org.springframework.web.servlet.HttpServletBean.init(HttpServletBean.java:136)
javax.servlet.GenericServlet.init(GenericServlet.java:158)
org.apache.catalina.authenticator.AuthenticatorBase.invoke(AuthenticatorBase.java:472)
org.apache.catalina.valves.ErrorReportValve.invoke(ErrorReportValve.java:79)
org.apache.catalina.valves.AbstractAccessLogValve.invoke(AbstractAccessLogValve.java:620)
org.apache.catalina.connector.CoyoteAdapter.service(CoyoteAdapter.java:349)
org.apache.coyote.http11.Http11Processor.service(Http11Processor.java:783)
org.apache.coyote.AbstractProcessorLight.process(AbstractProcessorLight.java:66)
org.apache.coyote.AbstractProtocol$ConnectionHandler.process(AbstractProtocol.java:745)
org.apache.tomcat.util.net.NioEndpoint$SocketProcessor.doRun(NioEndpoint.java:1455)
org.apache.tomcat.util.net.SocketProcessorBase.run(SocketProcessorBase.java:49)
java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1142)
java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:617)
org.apache.tomcat.util.threads.TaskThread$WrappingRunnable.run(TaskThread.java:61)
java.lang.Thread.run(Thread.java:745)
note The full stack trace of the root cause is available in the Apache Tomcat/9.0.0.M13 logs.

Apache Tomcat/9.0.0.M13

Reply

michael says
NOVEMBER 17, 2016 AT 8:14 PM

i found a little problem, when i update the person with a error message as follows:
org.hibernate.PersistentObjectException: detached entity passed to persist – with JPA.
it need to change the session.persist(p) to session.update(p) in updatePerson method.

Reply

Raja says
NOVEMBER 17, 2016 AT 2:48 PM

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'org.eclipse.jst.jee.server:Spring-Hibernet-Project' did not find a matching property.
Nov 18, 2016 4:12:20 AM org.apache.catalina.startup.VersionLoggerListener log
INFO: Server version: Apache Tomcat/7.0.72
Nov 18, 2016 4:12:20 AM org.apache.catalina.startup.VersionLoggerListener log
INFO: Server built: Sep 14 2016 12:12:26 UTC
Nov 18, 2016 4:12:20 AM org.apache.catalina.startup.VersionLoggerListener log
INFO: Server number: 7.0.72.0
Nov 18, 2016 4:12:20 AM org.apache.catalina.startup.VersionLoggerListener log
INFO: OS Name: Windows 7
Nov 18, 2016 4:12:20 AM org.apache.catalina.startup.VersionLoggerListener log
INFO: OS Version: 6.1
Nov 18, 2016 4:12:20 AM org.apache.catalina.startup.VersionLoggerListener log
INFO: Architecture: x86
Nov 18, 2016 4:12:20 AM org.apache.catalina.startup.VersionLoggerListener log
INFO: Java Home: C:\Program Files\Java\jre1.8.0_91
Nov 18, 2016 4:12:20 AM org.apache.catalina.startup.VersionLoggerListener log
INFO: JVM Version: 1.8.0_91-b14
Nov 18, 2016 4:12:20 AM org.apache.catalina.startup.VersionLoggerListener log
INFO: JVM Vendor: Oracle Corporation
Nov 18, 2016 4:12:20 AM org.apache.catalina.startup.VersionLoggerListener log
INFO: CATALINA_BASE: C:\Users\Admin\Downloads\apache-tomcat-7.0.72\apache-tomcat-7.0.72
Nov 18, 2016 4:12:20 AM org.apache.catalina.startup.VersionLoggerListener log
INFO: CATALINA_HOME: C:\Users\Admin\Downloads\apache-tomcat-7.0.72\apache-tomcat-7.0.72
Nov 18, 2016 4:12:20 AM org.apache.catalina.startup.VersionLoggerListener log
INFO: Command line argument: -Dcatalina.base=C:\Users\Admin\Downloads\apache-tomcat-7.0.72\apache-tomcat-7.0.72
Nov 18, 2016 4:12:20 AM org.apache.catalina.startup.VersionLoggerListener log
INFO: Command line argument: -Dcatalina.home=C:\Users\Admin\Downloads\apache-tomcat-7.0.72\apache-tomcat-7.0.72
Nov 18, 2016 4:12:20 AM org.apache.catalina.startup.VersionLoggerListener log
INFO: Command line argument: -Dwtp.deploy=C:\Users\Admin\Downloads\apache-tomcat-7.0.72\apache-tomcat-7.0.72\wtpwebapps
Nov 18, 2016 4:12:20 AM org.apache.catalina.startup.VersionLoggerListener log
INFO: Command line argument: -Djava.endorsed.dirs=C:\Users\Admin\Downloads\apache-tomcat-7.0.72\apache-tomcat-7.0.72\endorsed
Nov 18, 2016 4:12:20 AM org.apache.catalina.startup.VersionLoggerListener log
INFO: Command line argument: -Dfile.encoding=Cp1252
Nov 18, 2016 4:12:20 AM org.apache.catalina.core.AprLifecycleListener lifecycleEvent
INFO: The APR based Apache Tomcat Native library which allows optimal performance in production

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Files/Java/jre1.8.0_91/bin/client;C:/Program Files/Java/jre1.8.0_91/bin;C:/Program Files/Java/jre1.8.0_91/lib/i386;C:\ProgramData\Oracle\Java\javapath;C:\Windows\system32;C:\Windows;C:\Windows\System32\Wbem;C:\Windows\System32\WindowsPowerS Files\Skype\Phone\;C:\Users\Admin\Downloads\eclipse-jee-neon-RC3-win32\eclipse;;.
Nov 18, 2016 4:12:21 AM org.apache.coyote.AbstractProtocol init
INFO: Initializing ProtocolHandler ["http-bio-8080"]
Nov 18, 2016 4:12:21 AM org.apache.coyote.AbstractProtocol init
INFO: Initializing ProtocolHandler ["ajp-bio-8009"]
Nov 18, 2016 4:12:21 AM org.apache.catalina.startup.Catalina load
INFO: Initialization processed in 797 ms
Nov 18, 2016 4:12:21 AM org.apache.catalina.core.StandardService startInternal
INFO: Starting service Catalina
Nov 18, 2016 4:12:21 AM org.apache.catalina.core.StandardEngine startInternal
INFO: Starting Servlet Engine: Apache Tomcat/7.0.72
Nov 18, 2016 4:12:21 AM org.apache.catalina.loader.WebappClassLoaderBase validateJarFile
INFO: validateJarFile(C:\Users\Admin\Downloads\apache-tomcat-7.0.72\apache-tomcat-7.0.72\wtpwebapps\Spring-Hibernet-Project\WEB-INF\lib\el-api-2.2.jar) – jar not loaded. See Servlet Spec 3.0, section 10.7.2. Offending class: javax/el/Expression.class
Nov 18, 2016 4:12:23 AM org.apache.catalina.startup.TldConfig execute
INFO: At least one JAR was scanned for TLDs yet contained no TLDs. Enable debug logging for this logger for a complete list of JARs that were scanned but no TLDs were found in them. Skipping unneeded JARs during scanning can improve startup time and JSP compilation time.
Nov 18, 2016 4:12:23 AM org.apache.catalina.core.ApplicationContext log
INFO: No Spring WebApplicationInitializer types detected on classpath
Nov 18, 2016 4:12:23 AM org.apache.catalina.util.SessionIdGeneratorBase createSecureRandom
INFO: Creation of SecureRandom instance for session ID generation using [SHA1PRNG] took [130] milliseconds.
Nov 18, 2016 4:12:23 AM org.apache.catalina.core.ApplicationContext log
INFO: Initializing Spring FrameworkServlet 'appServlet'
Nov 18, 2016 4:12:23 AM org.springframework.web.servlet.DispatcherServlet initServletBean
INFO: FrameworkServlet 'appServlet': initialization started
Nov 18, 2016 4:12:23 AM org.springframework.web.context.support.XmlWebApplicationContext prepareRefresh
INFO: Refreshing WebApplicationContext for namespace 'appServlet-servlet': startup date [Fri Nov 18 04:12:23 IST 2016]; root of context hierarchy
Nov 18, 2016 4:12:23 AM org.springframework.beans.factory.xml.XmlBeanDefinitionReader loadBeanDefinitions
INFO: Loading XML bean definitions from ServletContext resource [/WEB-INF/servlet-context.xml]
Nov 18, 2016 4:12:24 AM org.springframework.beans.factory.annotation.AutowiredAnnotationBeanPostProcessor

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org.springframework.web.servlet.mvc.method.annotation.RequestMappingHandlerMapping
registerHandlerMethod
INFO: Mapped "{[/person/add],methods=[POST],params=[],headers=[],consumes=[],produces=[],custom=
[]}" onto public java.lang.String
com.journaldev.spring.PersonController.addPerson(com.journaldev.spring.model.Person)
Nov 18, 2016 4:12:24 AM
org.springframework.web.servlet.mvc.method.annotation.RequestMappingHandlerMapping
registerHandlerMethod
INFO: Mapped "{[/persons],methods=[GET],params=[],headers=[],consumes=[],produces=[],custom=[]}" onto
public java.lang.String com.journaldev.spring.PersonController.listPersons(org.springframework.ui.Model)
Nov 18, 2016 4:12:24 AM
org.springframework.web.servlet.mvc.method.annotation.RequestMappingHandlerMapping
registerHandlerMethod
INFO: Mapped "{[/remove/{id}],methods=[],params=[],headers=[],consumes=[],produces=[],custom=[]}" onto
public java.lang.String com.journaldev.spring.PersonController.removePerson(int)
Nov 18, 2016 4:12:24 AM
org.springframework.web.servlet.mvc.method.annotation.RequestMappingHandlerMapping
registerHandlerMethod
INFO: Mapped "{[/edit/{id}],methods=[],params=[],headers=[],consumes=[],produces=[],custom=[]}" onto
public java.lang.String
com.journaldev.spring.PersonController.editPerson(int,org.springframework.ui.Model)
Nov 18, 2016 4:12:24 AM org.hibernate.annotations.common.reflection.java.JavaReflectionManager
INFO: HCANN000001: Hibernate Commons Annotations {4.0.5.Final}
Nov 18, 2016 4:12:24 AM org.hibernate.Version logVersion
INFO: HHH000412: Hibernate Core {4.3.11.Final}
Nov 18, 2016 4:12:24 AM org.hibernate.cfg.Environment
INFO: HHH000206: hibernate.properties not found
Nov 18, 2016 4:12:24 AM org.hibernate.cfg.Environment buildBytecodeProvider
INFO: HHH000021: Bytecode provider name : javassist
Nov 18, 2016 4:12:25 AM org.hibernate.dialect.Dialect
INFO: HHH000400: Using dialect: org.hibernate.dialect.MySQLDialect
Nov 18, 2016 4:12:25 AM org.hibernate.engine.jdbc.internal.LobCreatorBuilder useContextualLobCreation
INFO: HHH000423: Disabling contextual LOB creation as JDBC driver reported JDBC version [3] less than
4
Nov 18, 2016 4:12:25 AM org.hibernate.engine.transaction.internal.TransactionFactoryInitiator
initiateService
INFO: HHH000399: Using default transaction strategy (direct JDBC transactions)
Nov 18, 2016 4:12:25 AM org.hibernate.hql.internal.ast.ASTQueryTranslatorFactory
INFO: HHH000397: Using ASTQueryTranslatorFactory
```

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```
INFO: Using DataSource [org.apache.commons.dbcp.BasicDataSource@12e6f89] of Hibernate
SessionFactory for HibernateTransactionManager
Nov 18, 2016 4:12:25 AM org.springframework.web.servlet.DispatcherServlet initServletBean
INFO: FrameworkServlet 'appServlet': initialization completed in 2491 ms
Nov 18, 2016 4:12:25 AM org.apache.catalina.startup.HostConfig deployDirectory
INFO: Deploying web application directory C:\Users\Admin\Downloads\apache-tomcat-7.0.72\apache-
tomcat-7.0.72\webapps\docs
Nov 18, 2016 4:12:26 AM org.apache.catalina.startup.HostConfig deployDirectory
INFO: Deployment of web application directory C:\Users\Admin\Downloads\apache-tomcat-
7.0.72\apache-tomcat-7.0.72\webapps\docs has finished in 60 ms
Nov 18, 2016 4:12:26 AM org.apache.catalina.startup.HostConfig deployDirectory
INFO: Deploying web application directory C:\Users\Admin\Downloads\apache-tomcat-7.0.72\apache-
tomcat-7.0.72\webapps\examples
Nov 18, 2016 4:12:26 AM org.apache.catalina.core.ApplicationContext log
INFO: ContextListener: contextInitialized()
Nov 18, 2016 4:12:26 AM org.apache.catalina.core.ApplicationContext log
INFO: SessionListener: contextInitialized()
Nov 18, 2016 4:12:26 AM org.apache.catalina.core.ApplicationContext log
INFO: ContextListener: attributeAdded('org.apache.jasper.compiler.TldLocationsCache',
'org.apache.jasper.compiler.TldLocationsCache@1a52610')
Nov 18, 2016 4:12:26 AM org.apache.catalina.startup.HostConfig deployDirectory
INFO: Deployment of web application directory C:\Users\Admin\Downloads\apache-tomcat-
7.0.72\apache-tomcat-7.0.72\webapps\examples has finished in 262 ms
Nov 18, 2016 4:12:26 AM org.apache.catalina.startup.HostConfig deployDirectory
INFO: Deploying web application directory C:\Users\Admin\Downloads\apache-tomcat-7.0.72\apache-
tomcat-7.0.72\webapps\host-manager
Nov 18, 2016 4:12:26 AM org.apache.catalina.startup.HostConfig deployDirectory
INFO: Deployment of web application directory C:\Users\Admin\Downloads\apache-tomcat-
7.0.72\apache-tomcat-7.0.72\webapps\host-manager has finished in 60 ms
Nov 18, 2016 4:12:26 AM org.apache.catalina.startup.HostConfig deployDirectory
INFO: Deploying web application directory C:\Users\Admin\Downloads\apache-tomcat-7.0.72\apache-
tomcat-7.0.72\webapps\manager
Nov 18, 2016 4:12:26 AM org.apache.catalina.startup.HostConfig deployDirectory
INFO: Deployment of web application directory C:\Users\Admin\Downloads\apache-tomcat-
7.0.72\apache-tomcat-7.0.72\webapps\manager has finished in 60 ms
Nov 18, 2016 4:12:26 AM org.apache.catalina.startup.HostConfig deployDirectory
INFO: Deploying web application directory C:\Users\Admin\Downloads\apache-tomcat-7.0.72\apache-
tomcat-7.0.72\webapps\ROOT
Nov 18, 2016 4:12:26 AM org.apache.catalina.startup.HostConfig deployDirectory
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```
Nov 18, 2016 4:12:26 AM org.apache.coyote.AbstractProtocol start
INFO: Starting ProtocolHandler ["http-bio-8080"]
Nov 18, 2016 4:12:26 AM org.apache.coyote.AbstractProtocol start
INFO: Starting ProtocolHandler ["ajp-bio-8009"]
Nov 18, 2016 4:12:26 AM org.apache.catalina.startup.Catalina start
INFO: Server startup in 5364 ms
Nov 18, 2016 4:12:27 AM org.springframework.web.servlet.PageNotFound noHandlerFound
WARNING: No mapping found for HTTP request with URI [/Spring-Hibernet-Project/] in
DispatcherServlet with name 'appServlet'
Hibernate: select person0_.ID as ID1_0_, person0_.COUNTRY as COUNTRY2_0_, person0_.NAME as
NAME3_0_ from PERSON person0_
Hibernate: select person0_.ID as ID1_0_, person0_.COUNTRY as COUNTRY2_0_, person0_.NAME as
NAME3_0_ from PERSON person0_
Nov 18, 2016 4:12:35 AM org.apache.catalina.core.ApplicationDispatcher invoke
SEVERE: Servlet.service() for servlet jsp threw exception
org.hibernate.LazyInitializationException: could not initialize proxy – no Session
at org.hibernate.proxy.AbstractLazyInitializer.initialize(AbstractLazyInitializer.java:165)
at org.hibernate.proxy.AbstractLazyInitializer.getImplementation(AbstractLazyInitializer.java:286)
at org.hibernate.proxy.pojo.javassist.JavassistLazyInitializer.invoke(JavassistLazyInitializer.java:185)
at com.journaldev.spring.model.Person_$$_jvst365_0.getName(Person_$$_jvst365_0.java)
at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
at sun.reflect.NativeMethodAccessorImpl.invoke(Unknown Source)
at sun.reflect.DelegatingMethodAccessorImpl.invoke(Unknown Source)
at java.lang.reflect.Method.invoke(Unknown Source)
at javax.el.BeanELResolver.getValue(BeanELResolver.java:99)
at org.apache.jasper.el.JasperELResolver.getValue(JasperELResolver.java:104)
at org.apache.el.parser.AstValue.getValue(AstValue.java:184)
at org.apache.el.parser.AstEmpty.getValue(AstEmpty.java:46)
at org.apache.el.parser.AstNot.getValue(AstNot.java:43)
at org.apache.el.ValueExpressionImpl.getValue(ValueExpressionImpl.java:184)
at org.apache.jasper.runtime.PageContextImpl.proprietaryEvaluate(PageContextImpl.java:950)
at org.apache.jsp.WEB_002dINF.views.person_jsp._jspx_meth_c_005fif_005f0(person_jsp.java:282)
at org.apache.jsp.WEB_002dINF.views.person_jsp._jspx_meth_form_005fform_005f0(person_jsp.java:207)
at org.apache.jsp.WEB_002dINF.views.person_jsp._jspService(person_jsp.java:134)
at org.apache.jasper.runtime.HttpJspBase.service(HttpJspBase.java:70)
at javax.servlet.http.HttpServlet.service(HttpServlet.java:731)
at org.apache.jasper.servlet.JspServletWrapper.service(JspServletWrapper.java:439)
at org.apache.jasper.servlet.JspServlet.serviceJspFile(JspServlet.java:395)
at org.apache.jasper.servlet.JspServlet.service(JspServlet.java:339)
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at org.apache.catalina.core.ApplicationFilterChain.doFilter(ApplicationFilterChain.java:208)
at org.apache.tomcat.websocket.server.WsFilter.doFilter(WsFilter.java:52)
at org.apache.catalina.core.ApplicationFilterChain.internalDoFilter(ApplicationFilterChain.java:241)
at org.apache.catalina.core.ApplicationFilterChain.doFilter(ApplicationFilterChain.java:208)
at org.apache.catalina.core.ApplicationDispatcher.invoke(ApplicationDispatcher.java:747)
at org.apache.catalina.core.ApplicationDispatcher.processRequest(ApplicationDispatcher.java:485)
at org.apache.catalina.core.ApplicationDispatcher.doForward(ApplicationDispatcher.java:410)
at org.apache.catalina.core.ApplicationDispatcher.forward(ApplicationDispatcher.java:337)
at
org.springframework.web.servlet.view.InternalResourceView.renderMergedOutputModel(InternalResourceView.java:209)
at org.springframework.web.servlet.view.AbstractView.render(AbstractView.java:267)
at org.springframework.web.servlet.DispatcherServlet.render(DispatcherServlet.java:1217)
at
org.springframework.web.servlet.DispatcherServlet.processDispatchResult(DispatcherServlet.java:1005)
at org.springframework.web.servlet.DispatcherServlet.doDispatch(DispatcherServlet.java:952)
at org.springframework.web.servlet.DispatcherServlet.doService(DispatcherServlet.java:870)
at org.springframework.web.servlet.FrameworkServlet.processRequest(FrameworkServlet.java:961)
at org.springframework.web.servlet.FrameworkServlet.doGet(FrameworkServlet.java:852)
at javax.servlet.http.HttpServlet.service(HttpServlet.java:624)
at org.springframework.web.servlet.FrameworkServlet.service(FrameworkServlet.java:837)
at javax.servlet.http.HttpServlet.service(HttpServlet.java:731)
at org.apache.catalina.core.ApplicationFilterChain.internalDoFilter(ApplicationFilterChain.java:303)
at org.apache.catalina.core.ApplicationFilterChain.doFilter(ApplicationFilterChain.java:208)
at org.apache.tomcat.websocket.server.WsFilter.doFilter(WsFilter.java:52)
at org.apache.catalina.core.ApplicationFilterChain.internalDoFilter(ApplicationFilterChain.java:241)
at org.apache.catalina.core.ApplicationFilterChain.doFilter(ApplicationFilterChain.java:208)
at org.apache.catalina.core.StandardWrapperValve.invoke(StandardWrapperValve.java:218)
at org.apache.catalina.core.StandardContextValve.invoke(StandardContextValve.java:122)
at org.apache.catalina.authenticator.AuthenticatorBase.invoke(AuthenticatorBase.java:505)
at org.apache.catalina.core.StandardHostValve.invoke(StandardHostValve.java:169)
at org.apache.catalina.valves.ErrorReportValve.invoke(ErrorReportValve.java:103)
at org.apache.catalina.valves.AccessLogValve.invoke(AccessLogValve.java:956)
at org.apache.catalina.core.StandardEngineValve.invoke(StandardEngineValve.java:116)
at org.apache.catalina.connector.CoyoteAdapter.service(CoyoteAdapter.java:442)
at org.apache.coyote.http11.AbstractHttp11Processor.process(AbstractHttp11Processor.java:1083)
at org.apache.coyote.AbstractProtocol$AbstractConnectionHandler.process(AbstractProtocol.java:640)
at org.apache.tomcat.util.net.JIoEndpoint$SocketProcessor.run(JIoEndpoint.java:318)
at java.util.concurrent.ThreadPoolExecutor.runWorker(Unknown Source)
at java.util.concurrent.ThreadPoolExecutor$Worker.run(Unknown Source)
```

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```
Nov 18, 2016 4:12:35 AM org.apache.catalina.core.StandardWrapperValve invoke
SEVERE: Servlet.service() for servlet [appServlet] in context with path [/Spring-Hibernet-Project] threw
exception [javax.el.ELException: Error reading 'name' on type
com.journaldev.spring.model.Person_$$_jvst365_0] with root cause
org.hibernate.LazyInitializationException: could not initialize proxy – no Session
at org.hibernate.proxy.AbstractLazyInitializer.initialize(AbstractLazyInitializer.java:165)
at org.hibernate.proxy.AbstractLazyInitializer.getImplementation(AbstractLazyInitializer.java:286)
at org.hibernate.proxy.pojo.javassist.JavassistLazyInitializer.invoke(JavassistLazyInitializer.java:185)
at com.journaldev.spring.model.Person_$$_jvst365_0.getName(Person_$$_jvst365_0.java)
at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
at sun.reflect.NativeMethodAccessorImpl.invoke(Unknown Source)
at sun.reflect.DelegatingMethodAccessorImpl.invoke(Unknown Source)
at java.lang.reflect.Method.invoke(Unknown Source)
at javax.el.BeanELResolver.getValue(BeanELResolver.java:99)
at org.apache.jasper.el.JasperELResolver.getValue(JasperELResolver.java:104)
at org.apache.el.parser.AstValue.getValue(AstValue.java:184)
at org.apache.el.parser.AstEmpty.getValue(AstEmpty.java:46)
at org.apache.el.parser.AstNot.getValue(AstNot.java:43)
at org.apache.el.ValueExpressionImpl.getValue(ValueExpressionImpl.java:184)
at org.apache.jasper.runtime.PageContextImpl.proprietaryEvaluate(PageContextImpl.java:950)
at org.apache.jsp.WEB_002dINF.views.person_jsp._jspx_meth_c_005fif_005f0(person_jsp.java:282)
at org.apache.jsp.WEB_002dINF.views.person_jsp._jspx_meth_form_005fform_005f0(person_jsp.java:207)
at org.apache.jsp.WEB_002dINF.views.person_jsp._jspService(person_jsp.java:134)
at org.apache.jasper.runtime.HttpJspBase.service(HttpJspBase.java:70)
at javax.servlet.http.HttpServlet.service(HttpServlet.java:731)
at org.apache.jasper.servlet.JspServletWrapper.service(JspServletWrapper.java:439)
at org.apache.jasper.servlet.JspServlet.serviceJspFile(JspServlet.java:395)
at org.apache.jasper.servlet.JspServlet.service(JspServlet.java:339)
at javax.servlet.http.HttpServlet.service(HttpServlet.java:731)
at org.apache.catalina.core.ApplicationFilterChain.internalDoFilter(ApplicationFilterChain.java:303)
at org.apache.catalina.core.ApplicationFilterChain.doFilter(ApplicationFilterChain.java:208)
at org.apache.tomcat.websocket.server.WsFilter.doFilter(WsFilter.java:52)
at org.apache.catalina.core.ApplicationFilterChain.internalDoFilter(ApplicationFilterChain.java:241)
at org.apache.catalina.core.ApplicationFilterChain.doFilter(ApplicationFilterChain.java:208)
at org.apache.catalina.core.ApplicationDispatcher.invoke(ApplicationDispatcher.java:747)
at org.apache.catalina.core.ApplicationDispatcher.processRequest(ApplicationDispatcher.java:485)
at org.apache.catalina.core.ApplicationDispatcher.doForward(ApplicationDispatcher.java:410)
at org.apache.catalina.core.ApplicationDispatcher.forward(ApplicationDispatcher.java:337)
```

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at org.springframework.web.servlet.view.AbstractView.render(AbstractView.java:267)
at org.springframework.web.servlet.DispatcherServlet.render(DispatcherServlet.java:1217)
at
org.springframework.web.servlet.DispatcherServlet.processDispatchResult(DispatcherServlet.java:1005)
at org.springframework.web.servlet.DispatcherServlet.doDispatch(DispatcherServlet.java:952)
at org.springframework.web.servlet.DispatcherServlet.doService(DispatcherServlet.java:870)
at org.springframework.web.servlet.FrameworkServlet.processRequest(FrameworkServlet.java:961)
at org.springframework.web.servlet.FrameworkServlet.doGet(FrameworkServlet.java:852)
at javax.servlet.http.HttpServlet.service(HttpServlet.java:624)
at org.springframework.web.servlet.FrameworkServlet.service(FrameworkServlet.java:837)
at javax.servlet.http.HttpServlet.service(HttpServlet.java:731)
at org.apache.catalina.core.ApplicationFilterChain.internalDoFilter(ApplicationFilterChain.java:303)
at org.apache.catalina.core.ApplicationFilterChain.doFilter(ApplicationFilterChain.java:208)
at org.apache.tomcat.websocket.server.WsFilter.doFilter(WsFilter.java:52)
at org.apache.catalina.core.ApplicationFilterChain.internalDoFilter(ApplicationFilterChain.java:241)
at org.apache.catalina.core.ApplicationFilterChain.doFilter(ApplicationFilterChain.java:208)
at org.apache.catalina.core.StandardWrapperValve.invoke(StandardWrapperValve.java:218)
at org.apache.catalina.core.StandardContextValve.invoke(StandardContextValve.java:122)
at org.apache.catalina.authenticator.AuthenticatorBase.invoke(AuthenticatorBase.java:505)
at org.apache.catalina.core.StandardHostValve.invoke(StandardHostValve.java:169)
at org.apache.catalina.valves.ErrorReportValve.invoke(ErrorReportValve.java:103)
at org.apache.catalina.valves.AccessLogValve.invoke(AccessLogValve.java:956)
at org.apache.catalina.core.StandardEngineValve.invoke(StandardEngineValve.java:116)
at org.apache.catalina.connector.CoyoteAdapter.service(CoyoteAdapter.java:442)
at org.apache.coyote.http11.AbstractHttp11Processor.process(AbstractHttp11Processor.java:1083)
at org.apache.coyote.AbstractProtocol$AbstractConnectionHandler.process(AbstractProtocol.java:640)
at org.apache.tomcat.util.net.JIoEndpoint$SocketProcessor.run(JIoEndpoint.java:318)
at java.util.concurrent.ThreadPoolExecutor.runWorker(Unknown Source)
at java.util.concurrent.ThreadPoolExecutor$Worker.run(Unknown Source)
at org.apache.tomcat.util.threads.TaskThread$WrappingRunnable.run(TaskThread.java:61)
at java.lang.Thread.run(Unknown Source)

Reply

Akouri ammar says
NOVEMBER 16, 2016 AT 1:53 PM

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Reply

Arasu says
NOVEMBER 12, 2016 AT 11:05 PM

Hi Pankaj,

Thanks for your project. But i'm getting error like "org.hibernate.HibernateException: No Session found for current thread" while loading the index page.

Awaiting for your response.

Reply

Raja says
NOVEMBER 5, 2016 AT 6:06 AM

I downloaded the project and ran it. I am getting 404.

Reply

Akouri ammar says
NOVEMBER 16, 2016 AT 1:47 PM

Followed all the steps but I still get 404, It must be the paths, Please let me know if you find a solution !

Reply

deep says
NOVEMBER 1, 2016 AT 5:19 AM

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I used same code as you given.But always shown “HTTP Status 404 – /SpringMVCHibernate/”

Reply

Jack says
OCTOBER 20, 2016 AT 5:09 AM

I've tried to run this, but I am seeing the following error. Not that I am not using Eclipse, but rather I'm trying to run from a console. Is this something that needs to have Eclipse to be able to run, or can it be done without it?

INFO: HHH000397: Using ASTQueryTranslatorFactory
Exception in thread “main” org.hibernate.MappingException: Unknown entity: com.journaldev.model.Person
at org.hibernate.internal.SessionFactoryImpl.getEntityPersister(SessionFactoryImpl.java:1096)
at org.hibernate.internal.SessionImpl.getEntityPersister(SessionImpl.java:1488)
at org.hibernate.engine.internal.ForeignKeys.isTransient(ForeignKeys.java:242)
at org.hibernate.event.internal.AbstractSaveEventListener.getEntityState(AbstractSaveEventListener.java:521)
at org.hibernate.event.internal.DefaultPersistEventListener.onPersist(DefaultPersistEventListener.java:116)
at org.hibernate.event.internal.DefaultPersistEventListener.onPersist(DefaultPersistEventListener.java:75)
at org.hibernate.internal.SessionImpl.firePersist(SessionImpl.java:811)
at org.hibernate.internal.SessionImpl.persist(SessionImpl.java:784)
at org.hibernate.internal.SessionImpl.persist(SessionImpl.java:789)
at com.journaldev.dao.PersonDAOImpl.save(PersonDAOImpl.java:22)
at com.journaldev.main.SpringHibernateMain.main(SpringHibernateMain.java:22)

My Classpaths are correct, but I don't know what I'm missing. Thanks in advance if you have any help to give!

Reply

epo says
OCTOBER 14, 2016 AT 5:01 AM

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Reply

angel says
OCTOBER 11, 2016 AT 4:51 PM

I don't know why but when I open localhost:8080/SpringMVCHibernate/persons I do get the view but without any buttons and the query is not executed.

On the console I get.
Hibernate: select person0_.id as id1_0_, person0_.country as country2_0_, person0_.name as name3_0_ from table_person person0_

I'm using MariaDB 10.1.8 because that's the installed version on my localhost.
Any ideas?

Reply

Abhay says
OCTOBER 5, 2016 AT 9:48 PM

I am using mysql as database.
I am not able to get more than 10 connections.
this is my configuration.

schema.hbm.xml

org.hibernate.dialect.MySQLDialect
10
5
100
update

Reply

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SEPTEMBER 17, 2016 AT 9:01 PM

Awesome My friend 🙂 Very nice detailed tutorials with simplified manner.

Reply

krishna says
SEPTEMBER 14, 2016 AT 5:22 AM

can you provide jar files instead of pom.xml and myeclipse structure required instead of eclipse

Reply

jayesh p says
SEPTEMBER 9, 2016 AT 7:22 AM

Superb Pankaj, thanks this really helped me. keep up the good work 🙂

Reply

ilker Eker says
SEPTEMBER 4, 2016 AT 9:43 AM

Great working Example. Thanks 🙂

Reply

Eknath Take says
AUGUST 26, 2016 AT 11:11 PM

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```
component [StandardEngine[Catalina].StandardHost[localhost].StandardContext[/SpringMVCHibernate]]
at java.util.concurrent.FutureTask.report(FutureTask.java:122)
at java.util.concurrent.FutureTask.get(FutureTask.java:192)
at org.apache.catalina.core.ContainerBase.startInternal(ContainerBase.java:916)
at org.apache.catalina.core.StandardHost.startInternal(StandardHost.java:871)
at org.apache.catalina.util.LifecycleBase.start(LifecycleBase.java:150)
at org.apache.catalina.core.ContainerBase$StartChild.call(ContainerBase.java:1408)
at org.apache.catalina.core.ContainerBase$StartChild.call(ContainerBase.java:1398)
at java.util.concurrent.FutureTask.run(FutureTask.java:266)
at java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1142)
at java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:617)
at java.lang.Thread.run(Thread.java:745)
Caused by: org.apache.catalina.LifecycleException: Failed to start component
[StandardEngine[Catalina].StandardHost[localhost].StandardContext[/SpringMVCHibernate]]
at org.apache.catalina.util.LifecycleBase.start(LifecycleBase.java:154)
... 6 more
Caused by: org.apache.catalina.LifecycleException: Failed to start component
[org.apache.catalina.webresources.StandardRoot@354285fc]
at org.apache.catalina.util.LifecycleBase.start(LifecycleBase.java:154)
at org.apache.catalina.core.StandardContext.resourcesStart(StandardContext.java:4928)
at org.apache.catalina.core.StandardContext.startInternal(StandardContext.java:5058)
at org.apache.catalina.util.LifecycleBase.start(LifecycleBase.java:150)
... 6 more
Caused by: org.apache.catalina.LifecycleException: Failed to initialize component
[org.apache.catalina.webresources.JarResourceSet@5a603673]
at org.apache.catalina.util.LifecycleBase.init(LifecycleBase.java:106)
at org.apache.catalina.util.LifecycleBase.start(LifecycleBase.java:139)
at org.apache.catalina.webresources.StandardRoot.startInternal(StandardRoot.java:699)
at org.apache.catalina.util.LifecycleBase.start(LifecycleBase.java:150)
... 9 more
Caused by: java.lang.IllegalArgumentException: java.util.zip.ZipException: invalid LOC header (bad
signature)
at org.apache.catalina.webresources.JarResourceSet.initInternal(JarResourceSet.java:96)
at org.apache.catalina.util.LifecycleBase.init(LifecycleBase.java:102)
... 12 more
Caused by: java.util.zip.ZipException: invalid LOC header (bad signature)
at java.util.zip.ZipFile.read(Native Method)
at java.util.zip.ZipFile.access$1400(ZipFile.java:60)
at java.util.zip.ZipFile$ZipFileInputStream.read(ZipFile.java:717)
```

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at sun.misc.IOUtils.readFully(IOUtils.java:65)
at java.util.jar.JarFile.getBytes(JarFile.java:425)
at java.util.jar.JarFile.getManifestFromReference(JarFile.java:193)
at java.util.jar.JarFile.getManifest(JarFile.java:180)
at org.apache.catalina.webresources.JarResourceSet.initInternal(JarResourceSet.java:94)
... 13 more

Aug 26, 2016 11:37:54 PM org.apache.catalina.core.ContainerBase startInternal
SEVERE: A child container failed during start
java.util.concurrent.ExecutionException: org.apache.catalina.LifecycleException: Failed to start
component [StandardEngine[Catalina].StandardHost[localhost]]
at java.util.concurrent.FutureTask.report(FutureTask.java:122)
at java.util.concurrent.FutureTask.get(FutureTask.java:192)
at org.apache.catalina.core.ContainerBase.startInternal(ContainerBase.java:916)
at org.apache.catalina.core.StandardEngine.startInternal(StandardEngine.java:262)
at org.apache.catalina.util.LifecycleBase.start(LifecycleBase.java:150)
at org.apache.catalina.core.StandardService.startInternal(StandardService.java:441)
at org.apache.catalina.util.LifecycleBase.start(LifecycleBase.java:150)
at org.apache.catalina.core.StandardServer.startInternal(StandardServer.java:769)
at org.apache.catalina.util.LifecycleBase.start(LifecycleBase.java:150)
at org.apache.catalina.startup.Catalina.start(Catalina.java:625)
at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62)
at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)
at java.lang.reflect.Method.invoke(Method.java:498)
at org.apache.catalina.startup.Bootstrap.start(Bootstrap.java:351)
at org.apache.catalina.startup.Bootstrap.main(Bootstrap.java:485)
Caused by: org.apache.catalina.LifecycleException: Failed to start component
[StandardEngine[Catalina].StandardHost[localhost]]
at org.apache.catalina.util.LifecycleBase.start(LifecycleBase.java:154)
at org.apache.catalina.core.ContainerBase$StartChild.call(ContainerBase.java:1408)
at org.apache.catalina.core.ContainerBase$StartChild.call(ContainerBase.java:1398)
at java.util.concurrent.FutureTask.run(FutureTask.java:266)
at java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1142)
at java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:617)
at java.lang.Thread.run(Thread.java:745)
Caused by: org.apache.catalina.LifecycleException: A child container failed during start
at org.apache.catalina.core.ContainerBase.startInternal(ContainerBase.java:924)
at org.apache.catalina.core.StandardHost.startInternal(StandardHost.java:871)
```

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```
Aug 26, 2016 11:37:54 PM org.apache.catalina.startup.Catalina start
SEVERE: The required Server component failed to start so Tomcat is unable to start.
org.apache.catalina.LifecycleException: Failed to start component [StandardServer[8005]]
at org.apache.catalina.util.LifecycleBase.start(LifecycleBase.java:154)
at org.apache.catalina.startup.Catalina.start(Catalina.java:625)
at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62)
at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)
at java.lang.reflect.Method.invoke(Method.java:498)
at org.apache.catalina.startup.Bootstrap.start(Bootstrap.java:351)
at org.apache.catalina.startup.Bootstrap.main(Bootstrap.java:485)
Caused by: org.apache.catalina.LifecycleException: Failed to start component [StandardService[Catalina]]
at org.apache.catalina.util.LifecycleBase.start(LifecycleBase.java:154)
at org.apache.catalina.core.StandardServer.startInternal(StandardServer.java:769)
at org.apache.catalina.util.LifecycleBase.start(LifecycleBase.java:150)
... 7 more
Caused by: org.apache.catalina.LifecycleException: Failed to start component [StandardEngine[Catalina]]
at org.apache.catalina.util.LifecycleBase.start(LifecycleBase.java:154)
at org.apache.catalina.core.StandardService.startInternal(StandardService.java:441)
at org.apache.catalina.util.LifecycleBase.start(LifecycleBase.java:150)
... 9 more
Caused by: org.apache.catalina.LifecycleException: A child container failed during start
at org.apache.catalina.core.ContainerBase.startInternal(ContainerBase.java:924)
at org.apache.catalina.core.StandardEngine.startInternal(StandardEngine.java:262)
at org.apache.catalina.util.LifecycleBase.start(LifecycleBase.java:150)
... 11 more

Aug 26, 2016 11:37:54 PM org.apache.coyote.AbstractProtocol pause
INFO: Pausing ProtocolHandler ["http-nio-8080"]
Aug 26, 2016 11:37:54 PM org.apache.coyote.AbstractProtocol pause
INFO: Pausing ProtocolHandler ["ajp-nio-8009"]
Aug 26, 2016 11:37:54 PM org.apache.catalina.core.StandardService stopInternal
INFO: Stopping service Catalina
Aug 26, 2016 11:37:54 PM org.apache.coyote.AbstractProtocol destroy
INFO: Destroying ProtocolHandler ["http-nio-8080"]
Aug 26, 2016 11:37:54 PM org.apache.coyote.AbstractProtocol destroy
SEVERE: Failed to destroy end point associated with ProtocolHandler ["http-nio-8080"]
java.lang.NullPointerException
```

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at org.apache.tomcat.util.net.AbstractEndpoint.destroy(AbstractEndpoint.java:823)
at org.apache.coyote.AbstractProtocol.destroy(AbstractProtocol.java:533)
at org.apache.catalina.connector.Connector.destroyInternal(Connector.java:1023)
at org.apache.catalina.util.LifecycleBase.destroy(LifecycleBase.java:305)
at org.apache.catalina.core.StandardService.destroyInternal(StandardService.java:589)
at org.apache.catalina.util.LifecycleBase.destroy(LifecycleBase.java:305)
at org.apache.catalina.core.StandardServer.destroyInternal(StandardServer.java:859)
at org.apache.catalina.util.LifecycleBase.destroy(LifecycleBase.java:305)
at org.apache.catalina.startup.Catalina.start(Catalina.java:629)
at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62)
at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)
at java.lang.reflect.Method.invoke(Method.java:498)
at org.apache.catalina.startup.Bootstrap.start(Bootstrap.java:351)
at org.apache.catalina.startup.Bootstrap.main(Bootstrap.java:485)

Aug 26, 2016 11:37:54 PM org.apache.coyote.AbstractProtocol destroy
INFO: Destroying ProtocolHandler ["ajp-nio-8009"]
Aug 26, 2016 11:37:54 PM org.apache.coyote.AbstractProtocol destroy
SEVERE: Failed to destroy end point associated with ProtocolHandler ["ajp-nio-8009"]
java.lang.NullPointerException
at org.apache.tomcat.util.net.NioEndpoint.releaseCaches(NioEndpoint.java:305)
at org.apache.tomcat.util.net.NioEndpoint.unbind(NioEndpoint.java:481)
at org.apache.tomcat.util.net.AbstractEndpoint.destroy(AbstractEndpoint.java:823)
at org.apache.coyote.AbstractProtocol.destroy(AbstractProtocol.java:533)
at org.apache.catalina.connector.Connector.destroyInternal(Connector.java:1023)
at org.apache.catalina.util.LifecycleBase.destroy(LifecycleBase.java:305)
at org.apache.catalina.core.StandardService.destroyInternal(StandardService.java:589)
at org.apache.catalina.util.LifecycleBase.destroy(LifecycleBase.java:305)
at org.apache.catalina.core.StandardServer.destroyInternal(StandardServer.java:859)
at org.apache.catalina.util.LifecycleBase.destroy(LifecycleBase.java:305)
at org.apache.catalina.startup.Catalina.start(Catalina.java:629)
at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62)
at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)
at java.lang.reflect.Method.invoke(Method.java:498)
at org.apache.catalina.startup.Bootstrap.start(Bootstrap.java:351)
at org.apache.catalina.startup.Bootstrap.main(Bootstrap.java:485)
```

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Andrew says
AUGUST 6, 2016 AT 9:42 PM

Got it running with postgres! Thanks for the great tutorial.

Reply

Basavanth says
AUGUST 4, 2016 AT 3:01 AM

when i am trying to hit the url http://localhost:8080/SpringMVCHibernate/persons i am getting following error

Cannot load JDBC driver class 'com.mysql.jdbc.Driver'
java.lang.ClassNotFoundException: com.mysql.jdbc.Driver
at org.apache.catalina.loader.WebappClassLoader.loadClass(WebappClassLoader.java:1645)
at org.apache.catalina.loader.WebappClassLoader.loadClass(WebappClassLoader.java:1491)
at org.apache.commons.dbcp.BasicDataSource.createConnectionFactory(BasicDataSource.java:1420)
at org.apache.commons.dbcp.BasicDataSource.createDataSource(BasicDataSource.java:1371)
at org.apache.commons.dbcp.BasicDataSource.getConnection(BasicDataSource.java:1044)
at
org.hibernate.engine.jdbc.connections.internal.DatasourceConnectionProviderImpl.getConnection(DatasourceConnectionProviderImpl.java:139)
at
org.hibernate.internal.AbstractSessionImpl$NonContextualJdbcConnectionAccess.obtainConnection(AbstractSessionImpl.java:380)
at
org.hibernate.engine.jdbc.internal.LogicalConnectionImpl.obtainConnection(LogicalConnectionImpl.java:228)
at
org.hibernate.engine.jdbc.internal.LogicalConnectionImpl.getConnection(LogicalConnectionImpl.java:171)
at org.hibernate.internal.SessionImpl.connection(SessionImpl.java:450)
at
org.springframework.orm.hibernate4.HibernateTransactionManager.doBegin(HibernateTransactionManager.java:429)
at
org.springframework.transaction.support.AbstractPlatformTransactionManager.getTransaction(AbstractPlatformTransactionManager.java:373)
at
org.springframework.transaction.interceptor.TransactionAspectSupport.createTransactionIfNecessary(TransactionAspectSupport.java:420)

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at
org.springframework.transaction.interceptor.TransactionInterceptor.invoke(TransactionInterceptor.java:95)
at
org.springframework.aop.framework.ReflectiveMethodInvocation.proceed(ReflectiveMethodInvocation.java:179)
at org.springframework.aop.framework.JdkDynamicAopProxy.invoke(JdkDynamicAopProxy.java:207)
at com.sun.proxy.$Proxy44.listPersons(Unknown Source)
at com.journaldev.spring.PersonController.listPersons(PersonController.java:29)
at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62)
at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)
at java.lang.reflect.Method.invoke(Method.java:498)
at
org.springframework.web.method.support.InvocableHandlerMethod.invoke(InvocableHandlerMethod.java:215)
at
org.springframework.web.method.support.InvocableHandlerMethod.invokeForRequest(InvocableHandlerMethod.java:132)
at
org.springframework.web.servlet.mvc.method.annotation.ServletInvocableHandlerMethod.invokeAndHandle(ServletInvocableHandlerMethod.java:104)
at
org.springframework.web.servlet.mvc.method.annotation.RequestMappingHandlerAdapter.invokeHandleMethod(RequestMappingHandlerAdapter.java:749)
at
org.springframework.web.servlet.mvc.method.annotation.RequestMappingHandlerAdapter.handleInternal(RequestMappingHandlerAdapter.java:689)
at
org.springframework.web.servlet.mvc.method.AbstractHandlerMethodAdapter.handle(AbstractHandlerMethodAdapter.java:83)
at org.springframework.web.servlet.DispatcherServlet.doDispatch(DispatcherServlet.java:938)
at org.springframework.web.servlet.DispatcherServlet.doService(DispatcherServlet.java:870)
at org.springframework.web.servlet.FrameworkServlet.processRequest(FrameworkServlet.java:961)
at org.springframework.web.servlet.FrameworkServlet.doGet(FrameworkServlet.java:852)
at javax.servlet.http.HttpServlet.service(HttpServlet.java:617)
at org.springframework.web.servlet.FrameworkServlet.service(FrameworkServlet.java:837)
at javax.servlet.http.HttpServlet.service(HttpServlet.java:717)
at org.apache.catalina.core.ApplicationFilterChain.internalDoFilter(ApplicationFilterChain.java:290)
at org.apache.catalina.core.ApplicationFilterChain.doFilter(ApplicationFilterChain.java:206)
at org.apache.catalina.core.StandardWrapperValve.invoke(StandardWrapperValve.java:233)
at org.apache.catalina.core.StandardContextValve.invoke(StandardContextValve.java:191)
at org.apache.catalina.core.StandardHostValve.invoke(StandardHostValve.java:127)
at org.apache.catalina.valves.ErrorReportValve.invoke(ErrorReportValve.java:102)
at org.apache.catalina.core.StandardEngineValve.invoke(StandardEngineValve.java:109)
at org.apache.catalina.connector.CoyoteAdapter.service(CoyoteAdapter.java:298)
at org.apache.coyote.http11.Http11Processor.process(Http11Processor.java:857)
```

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at java.lang.Thread.run(Thread.java:745)
Cannot load JDBC driver class 'com.mysql.jdbc.Driver'
java.lang.ClassNotFoundException: com.mysql.jdbc.Driver
at org.apache.catalina.loader.WebappClassLoader.loadClass(WebappClassLoader.java:1645)
at org.apache.catalina.loader.WebappClassLoader.loadClass(WebappClassLoader.java:1491)
at org.apache.commons.dbcp.BasicDataSource.createConnectionFactory(BasicDataSource.java:1420)
at org.apache.commons.dbcp.BasicDataSource.createDataSource(BasicDataSource.java:1371)
at org.apache.commons.dbcp.BasicDataSource.getConnection(BasicDataSource.java:1044)
at
org.hibernate.engine.jdbc.connections.internal.DatasourceConnectionProviderImpl.getConnection(DatasourceConnectionProviderImpl.java:139)
at
org.hibernate.internal.AbstractSessionImpl$NonContextualJdbcConnectionAccess.obtainConnection(AbstractSessionImpl.java:380)
at org.hibernaWARN : org.hibernate.engine.jdbc.spi.SqlExceptionHelper – SQL Error: 0, SQLState: null
ERROR: org.hibernate.engine.jdbc.spi.SqlExceptionHelper – Cannot load JDBC driver class
'com.mysql.jdbc.Driver'

Reply

sooraj says
SEPTEMBER 2, 2016 AT 10:12 AM

It could be because you have not added the mysql jar or dependency.

Reply

arjun says
AUGUST 3, 2016 AT 10:15 AM

hii i downloaded the example but it only have 1 folder and a pom file. The size of the file is only 50kb..
what might be the problem..

Reply

Pankaj says

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It's a maven project, build it.

Reply

akshay pai says
AUGUST 1, 2016 AT 7:59 AM

Hi, Excellent article. I actually had a problem with handling Database tables in java Spring which do not have any primary key. For example Mapping tables , usually don't have any primary key. I took some time to understand how i can go about doing it teh right way. Ive put a small tutorial on it.
https://sourcedexter.com/2015/09/26/handling-database-tables-with-no-primary-key-in-spring-mvc-and-hibernate/

Reply

madhu says
JULY 25, 2016 AT 12:33 AM

I am getting below error,

WARN : org.springframework.web.servlet.PageNotFound – No mapping found for HTTP request with URI [/SpringMVCHibernate/] in DispatcherServlet with name 'appServlet'

Reply

michael says
AUGUST 2, 2016 AT 2:42 AM

try URL

/SpringMVCHibernate/persons

Reply

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Martin says
NOVEMBER 15, 2016 AT 7:36 PM

I have the same error and adding /persons to the url didn't work for me either.

Reply

yogendra says
JULY 17, 2016 AT 6:52 AM

i m getting mozo failure excetion after the import of this project.i have already change the Jdk Setting of the project but still the problem is same .plz advice me if anyone knows how to resolve this.thanks in advance.

Reply

John says
JULY 17, 2016 AT 3:23 AM

Hi Pankaj,
I downloaded the final project, but don't know how to run it.
Could you please write something step by step to show how to work with the project?
I am a newbie, but I feel your tutorial is really good. Thank you.

Reply

Pankaj says
JULY 17, 2016 AT 6:01 AM

Just follow the steps in the tutorial. There will be a SQL script to create database tables, just build and deploy into Tomcat and run it. Check for database connection settings and make sure to have Database driver jar in either your application or inside tomcat lib directory.

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Someone says
JULY 24, 2016 AT 3:25 AM

It just doesn't work. I compiled it, set the mysql credential, put things (hibernate) to build path, but it doesn't work. In my IDE (STS) It compiles, but front page give 404 error, and persons/ gives HTTP error 500.

Reply

Dawid says
JULY 10, 2016 AT 5:19 AM

Works great, but have one question.

My hibernate configuration is not doing anything with the Person.java

Even if I add some column, it will not create it in my database. I've added

org.hibernate.dialect.MySQL5InnoDBDialect
true
create-drop

But didn't help.

Anything to force hibernate to rebuild the whole table.

Help.

Reply

Subrato B says
JULY 6, 2016 AT 8:20 AM

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Could you help me on this.

I am using Java 7 and JBoss 7, But I am facing following error when I start server.

20:40:24,004 ERROR [org.springframework.web.servlet.DispatcherServlet] (MSC service thread 1-7) Context initialization failed: org.springframework.beans.factory.BeanCreationException: Error creating bean with name 'hibernate4AnnotatedSessionFactory' defined in ServletContext resource [/WEB-INF/spring/appServlet/servlet-context.xml]: Invocation of init method failed; nested exception is java.lang.NoSuchMethodError: javax.persistence.Table.indexes()[Ljavax/persistence/Index;
at
org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.initializeBean(AbstractAutowireCapableBeanFactory.java:1553)
[spring-beans-4.0.3.RELEASE.jar:4.0.3.RELEASE]
at
org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.doCreateBean(AbstractAutowireCapableBeanFactory.java:539)
[spring-beans-4.0.3.RELEASE.jar:4.0.3.RELEASE]
at
org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.createBean(AbstractAutowireCapableBeanFactory.java:475)
[spring-beans-4.0.3.RELEASE.jar:4.0.3.RELEASE]
at
org.springframework.beans.factory.support.AbstractBeanFactory$1.getObject(AbstractBeanFactory.java:304)
[spring-beans-4.0.3.RELEASE.jar:4.0.3.RELEASE]
at
org.springframework.beans.factory.support.DefaultSingletonBeanRegistry.getSingleton(DefaultSingletonBeanRegistry.java:228)
[spring-beans-4.0.3.RELEASE.jar:4.0.3.RELEASE]
at
org.springframework.beans.factory.support.AbstractBeanFactory.doGetBean(AbstractBeanFactory.java:300)
[spring-beans-4.0.3.RELEASE.jar:4.0.3.RELEASE]
at
org.springframework.beans.factory.support.AbstractBeanFactory.getBean(AbstractBeanFactory.java:195)
[spring-beans-4.0.3.RELEASE.jar:4.0.3.RELEASE]
at
org.springframework.beans.factory.support.DefaultListableBeanFactory.preInstantiateSingletons(DefaultListableBeanFactory.java:684)
[spring-beans-4.0.3.RELEASE.jar:4.0.3.RELEASE]
at
org.springframework.context.support.AbstractApplicationContext.finishBeanFactoryInitialization(AbstractApplicationContext.java:760)
[spring-context-4.0.3.RELEASE.jar:4.0.3.RELEASE]
at
org.springframework.context.support.AbstractApplicationContext.refresh(AbstractApplicationContext.java:482)
[spring-context-4.0.3.RELEASE.jar:4.0.3.RELEASE]

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[spring-webmvc-4.0.3.RELEASE.jar:4.0.3.RELEASE]
at
org.springframework.web.servlet.FrameworkServlet.createWebApplicationContext(FrameworkServlet.java:624)
[spring-webmvc-4.0.3.RELEASE.jar:4.0.3.RELEASE]
at
org.springframework.web.servlet.FrameworkServlet.createWebApplicationContext(FrameworkServlet.java:672)
[spring-webmvc-4.0.3.RELEASE.jar:4.0.3.RELEASE]
at
org.springframework.web.servlet.FrameworkServlet.initWebApplicationContext(FrameworkServlet.java:543)
[spring-webmvc-4.0.3.RELEASE.jar:4.0.3.RELEASE]
at org.springframework.web.servlet.FrameworkServlet.initServletBean(FrameworkServlet.java:484)
[spring-webmvc-4.0.3.RELEASE.jar:4.0.3.RELEASE]
at org.springframework.web.servlet.HttpServletBean.init(HttpServletBean.java:136) [spring-webmvc-
4.0.3.RELEASE.jar:4.0.3.RELEASE]
at javax.servlet.GenericServlet.init(GenericServlet.java:242) [jboss-servlet-api_3.0_spec-
1.0.0.Final.jar:1.0.0.Final]
at org.apache.catalina.core.StandardWrapper.loadServlet(StandardWrapper.java:1202) [jbossweb-
7.0.13.Final.jar:]
at org.apache.catalina.core.StandardWrapper.load(StandardWrapper.java:1102) [jbossweb-7.0.13.Final.jar:]
at org.apache.catalina.core.StandardContext.loadOnStartup(StandardContext.java:3655) [jbossweb-
7.0.13.Final.jar:]
at org.apache.catalina.core.StandardContext.start(StandardContext.java:3873) [jbossweb-7.0.13.Final.jar:]
at org.jboss.as.web.deployment.WebDeploymentService.start(WebDeploymentService.java:90) [jboss-as-
web-7.1.1.Final.jar:7.1.1.Final]
at org.jboss.msc.service.ServiceControllerImpl$StartTask.startService(ServiceControllerImpl.java:1811)
at org.jboss.msc.service.ServiceControllerImpl$StartTask.run(ServiceControllerImpl.java:1746)
at java.util.concurrent.ThreadPoolExecutor.runWorker(Unknown Source) [rt.jar:1.7.0_80]
at java.util.concurrent.ThreadPoolExecutor$Worker.run(Unknown Source) [rt.jar:1.7.0_80]
at java.lang.Thread.run(Unknown Source) [rt.jar:1.7.0_80]
Caused by: java.lang.NoSuchMethodError: javax.persistence.Table.indexes()[Ljavax/persistence/Index;
at
org.hibernate.cfg.annotations.EntityBinder.processComplementaryTableDefinitions(EntityBinder.java:936)
[hibernate-core-4.3.5.Final.jar:4.3.5.Final]
at org.hibernate.cfg.AnnotationBinder.bindClass(AnnotationBinder.java:824) [hibernate-core-
4.3.5.Final.jar:4.3.5.Final]
at
org.hibernate.cfg.Configuration$MetadataSourceQueue.processAnnotatedClassesQueue(Configuration.java:3788)
[hibernate-core-4.3.5.Final.jar:4.3.5.Final]
at org.hibernate.cfg.Configuration$MetadataSourceQueue.processMetadata(Configuration.java:3742)

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4.3.5.Final.jar:4.3.5.Final]
at org.hibernate.cfg.Configuration.buildSessionFactory(Configuration.java:1844) [hibernate-core-4.3.5.Final.jar:4.3.5.Final]
at org.hibernate.cfg.Configuration.buildSessionFactory(Configuration.java:1928) [hibernate-core-4.3.5.Final.jar:4.3.5.Final]
at org.springframework.orm.hibernate4.LocalSessionFactoryBuilder.buildSessionFactory(LocalSessionFactoryBuilder.java:343) [spring-orm-4.0.3.RELEASE.jar:4.0.3.RELEASE]
at org.springframework.orm.hibernate4.LocalSessionFactoryBean.buildSessionFactory(LocalSessionFactoryBean.java:431) [spring-orm-4.0.3.RELEASE.jar:4.0.3.RELEASE]
at org.springframework.orm.hibernate4.LocalSessionFactoryBean.afterPropertiesSet(LocalSessionFactoryBean.java:416) [spring-orm-4.0.3.RELEASE.jar:4.0.3.RELEASE]
at org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.invokeInitMethods(AbstractAutowireCapableBeanFactory.java:1612) [spring-beans-4.0.3.RELEASE.jar:4.0.3.RELEASE]
at org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.initializeBean(AbstractAutowireCapableBeanFactory.java:1549) [spring-beans-4.0.3.RELEASE.jar:4.0.3.RELEASE]
… 26 more

Reply

Pankaj says
JULY 6, 2016 AT 9:06 AM

Check your application jar files, NoSuchMethod error comes when jars are not compatible. Your code is trying to call a method, but the class loaded doesn't have that.

Reply

Peter steve says
JUNE 24, 2016 AT 10:48 AM

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When i run with tomcat i get a exception with personDAO.
I sent to you a email with the exactly problem and too the source code of application.
Please, help me to fix the problem.

Reply

Peter Steve says
JUNE 24, 2016 AT 7:01 AM

Hi,
i have this error above. I see other persons have the same problem.

Related cause: org.springframework.beans.factory.CannotLoadBeanClassException: Cannot find class [com.journaldev.spring.dao.PersonDAOImpl] for bean with name 'personDAO' defined in ServletContext resource [/WEB-INF/spring/appServlet/servlet-context.xml]; nested exception is java.lang.ClassNotFoundException: com.journaldev.spring.dao.PersonDAOImpl
Related cause: org.springframework.beans.factory.CannotLoadBeanClassException: Cannot find class [com.journaldev.spring.service.PersonServiceImpl] for bean with name 'personService' defined in ServletContext resource [/WEB-INF/spring/appServlet/servlet-context.xml]; nested exception is java.lang.ClassNotFoundException: com.journaldev.spring.service.PersonServiceImpl

Finally, what is the solution to problem?
I sent to you a email with the code
Please help me to fix the problem
Thanks very much

Reply

tanship says
JUNE 24, 2016 AT 2:31 AM

Thank you for fresh good example!!

Reply

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ben26 says
JUNE 24, 2016 AT 2:08 AM

Hi,

could anyone make a video tutorial on how to get this application work with the Intellij IDEA IDE? I'm kind of a newbie and having some troubles there.
Help would really be appreciated 🙂

Thanks!

Reply

BALAKUMARAN R says
JUNE 21, 2016 AT 6:18 AM

please can u tell me , what this error is shown

Jun 21, 2016 6:40:56 PM org.apache.tomcat.util.digester.SetPropertiesRule begin
WARNING: [SetPropertiesRule]{Server/Service/Engine/Host/Context} Setting property 'source' to 'org.eclipse.jst.j2ee.server:SpringMVCHibernate' did not find a matching property.
Jun 21, 2016 6:40:56 PM org.apache.catalina.startup.VersionLoggerListener log
INFO: Server version: Apache Tomcat/7.0.64
Jun 21, 2016 6:40:56 PM org.apache.catalina.startup.VersionLoggerListener log
INFO: Server built: Aug 19 2015 17:18:06 UTC
Jun 21, 2016 6:40:56 PM org.apache.catalina.startup.VersionLoggerListener log
INFO: Server number: 7.0.64.0
Jun 21, 2016 6:40:56 PM org.apache.catalina.startup.VersionLoggerListener log
INFO: OS Name: Windows NT (unknown)
Jun 21, 2016 6:40:56 PM org.apache.catalina.startup.VersionLoggerListener log
INFO: OS Version: 6.2
Jun 21, 2016 6:40:56 PM org.apache.catalina.startup.VersionLoggerListener log
INFO: Architecture: x86
Jun 21, 2016 6:40:56 PM org.apache.catalina.startup.VersionLoggerListener log
INFO: Java Home: C:\Program Files (x86)\Java\jdk1.7.0_01\jre
Jun 21, 2016 6:40:56 PM org.apache.catalina.startup.VersionLoggerListener log
INFO: JVM Version: 1.7.0_01-b08
Jun 21, 2016 6:40:56 PM org.apache.catalina.startup.VersionLoggerListener log

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```
INFO: CATALINA_BASE: F:\Search\.metadata\.plugins\org.eclipse.wst.server.core\tmp0
Jun 21, 2016 6:40:56 PM org.apache.catalina.startup.VersionLoggerListener log
INFO: CATALINA_HOME: F:\apache-tomcat-7.0.64
Jun 21, 2016 6:40:56 PM org.apache.catalina.startup.VersionLoggerListener log
INFO: Command line argument: -agentlib:jdwp=transport=dt_socket,suspend=y,address=localhost:56995
Jun 21, 2016 6:40:56 PM org.apache.catalina.startup.VersionLoggerListener log
INFO: Command line argument: -
Dcatalina.base=F:\Search\.metadata\.plugins\org.eclipse.wst.server.core\tmp0
Jun 21, 2016 6:40:56 PM org.apache.catalina.startup.VersionLoggerListener log
INFO: Command line argument: -Dcatalina.home=F:\apache-tomcat-7.0.64
Jun 21, 2016 6:40:56 PM org.apache.catalina.startup.VersionLoggerListener log
INFO: Command line argument: -
Dwtp.deploy=F:\Search\.metadata\.plugins\org.eclipse.wst.server.core\tmp0\wtpwebapps
Jun 21, 2016 6:40:56 PM org.apache.catalina.startup.VersionLoggerListener log
INFO: Command line argument: -Djava.endorsed.dirs=F:\apache-tomcat-7.0.64\endorsed
Jun 21, 2016 6:40:56 PM org.apache.catalina.startup.VersionLoggerListener log
INFO: Command line argument: -Dfile.encoding=Cp1252
Jun 21, 2016 6:40:56 PM org.apache.catalina.core.AprLifecycleListener lifecycleEvent
INFO: The APR based Apache Tomcat Native library which allows optimal performance in production
environments was not found on the java.library.path: C:\Program Files
(x86)\Java\jdk1.7.0_01\bin;C:\WINDOWS\Sun\Java\bin;C:\WINDOWS\system32;C:\WINDOWS;C:\Program
Files (x86)\Java\jdk1.7.0_01\jre\bin;C:/Program Files (x86)/Java/jre7/bin/client;C:/Program Files
(x86)/Java/jre7/bin;C:/Program Files
(x86)/Java/jre7/lib/i386;C:\WINDOWS\system32;C:\WINDOWS;C:\WINDOWS\System32\Wbem;C:\WINDOWS\System32\WindowsPowerShell\v1.0\;C:\Program
Files (x86)\Common Files\lenovo\easyplussdk\bin;C:\Program Files (x86)\Skype\Phone\;F:\eclipse;;.
Jun 21, 2016 6:40:56 PM org.apache.coyote.AbstractProtocol init
INFO: Initializing ProtocolHandler ["http-bio-8080"]
Jun 21, 2016 6:40:56 PM org.apache.coyote.AbstractProtocol init
INFO: Initializing ProtocolHandler ["ajp-bio-8009"]
Jun 21, 2016 6:40:56 PM org.apache.catalina.startup.Catalina load
INFO: Initialization processed in 500 ms
Jun 21, 2016 6:40:56 PM org.apache.catalina.core.StandardService startInternal
INFO: Starting service Catalina
Jun 21, 2016 6:40:56 PM org.apache.catalina.core.StandardEngine startInternal
INFO: Starting Servlet Engine: Apache Tomcat/7.0.64
Jun 21, 2016 6:40:57 PM org.apache.catalina.startup.TldConfig execute
INFO: At least one JAR was scanned for TLDs yet contained no TLDs. Enable debug logging for this
logger for a complete list of JARs that were scanned but no TLDs were found in them. Skipping
unneeded JARs during scanning can improve startup time and JSP compilation time.
```

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```
Jun 21, 2016 6:40:57 PM org.apache.catalina.core.ApplicationContext log
INFO: Initializing Spring root WebApplicationContext
log4j:WARN No appenders could be found for logger (org.springframework.web.context.ContextLoader).
log4j:WARN Please initialize the log4j system properly.
Jun 21, 2016 6:40:58 PM org.apache.catalina.core.StandardContext listenerStart
SEVERE: Exception sending context initialized event to listener instance of class
org.springframework.web.context.ContextLoaderListener
org.springframework.beans.factory.xml.XmlBeanDefinitionStoreException: Line 1 in XML document from
ServletContext resource [/WEB-INF/spring/root-context.xml] is invalid; nested exception is
org.xml.sax.SAXParseException; lineNumber: 1; columnNumber: 39; Premature end of file.
at
org.springframework.beans.factory.xml.XmlBeanDefinitionReader.doLoadBeanDefinitions(XmlBeanDefinitionReader.java:398)
at
org.springframework.beans.factory.xml.XmlBeanDefinitionReader.loadBeanDefinitions(XmlBeanDefinitionReader.java:335)
at
org.springframework.beans.factory.xml.XmlBeanDefinitionReader.loadBeanDefinitions(XmlBeanDefinitionReader.java:303)
at
org.springframework.beans.factory.support.AbstractBeanDefinitionReader.loadBeanDefinitions(AbstractBeanDefinitionReader.java:180)
at
org.springframework.beans.factory.support.AbstractBeanDefinitionReader.loadBeanDefinitions(AbstractBeanDefinitionReader.java:216)
at
org.springframework.beans.factory.support.AbstractBeanDefinitionReader.loadBeanDefinitions(AbstractBeanDefinitionReader.java:187)
at
org.springframework.web.context.support.XmlWebApplicationContext.loadBeanDefinitions(XmlWebApplicationContext.java:125)
at
org.springframework.web.context.support.XmlWebApplicationContext.loadBeanDefinitions(XmlWebApplicationContext.java:94)
at
org.springframework.context.support.AbstractRefreshableApplicationContext.refreshBeanFactory(AbstractRefreshableApplicationContext.java:129)
at
org.springframework.context.support.AbstractApplicationContext.obtainFreshBeanFactory(AbstractApplicationContext.java:540)
at
org.springframework.context.support.AbstractApplicationContext.refresh(AbstractApplicationContext.java:454)
at
org.springframework.web.context.ContextLoader.configureAndRefreshWebApplicationContext(ContextLoader.java:403)
at org.springframework.web.context.ContextLoader.initWebApplicationContext(ContextLoader.java:306)
at
org.springframework.web.context.ContextLoaderListener.contextInitialized(ContextLoaderListener.java:106)
at org.apache.catalina.core.StandardContext.listenerStart(StandardContext.java:5003)
at org.apache.catalina.core.StandardContext.startInternal(StandardContext.java:5517)
```

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```
at org.apache.catalina.core.ContainerBase$StartChild.call(ContainerBase.java:1564)
at java.util.concurrent.FutureTask$Sync.innerRun(FutureTask.java:334)
at java.util.concurrent.FutureTask.run(FutureTask.java:166)
at java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1110)
at java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:603)
at java.lang.Thread.run(Thread.java:722)
Caused by: org.xml.sax.SAXParseException; lineNumber: 1; columnNumber: 39; Premature end of file.
at
com.sun.org.apache.xerces.internal.util.ErrorHandlerWrapper.createSAXParseException(ErrorHandlerWrapper.java:198)
at com.sun.org.apache.xerces.internal.util.ErrorHandlerWrapper.fatalError(ErrorHandlerWrapper.java:177)
at com.sun.org.apache.xerces.internal.impl.XMLErrorReporter.reportError(XMLErrorReporter.java:441)
at com.sun.org.apache.xerces.internal.impl.XMLErrorReporter.reportError(XMLErrorReporter.java:368)
at com.sun.org.apache.xerces.internal.impl.XMLScanner.reportFatalError(XMLScanner.java:1375)
at
com.sun.org.apache.xerces.internal.impl.XMLDocumentScannerImpl$PrologDriver.next(XMLDocumentScannerImpl.java:1016)
at
com.sun.org.apache.xerces.internal.impl.XMLDocumentScannerImpl.next(XMLDocumentScannerImpl.java:607)
at
com.sun.org.apache.xerces.internal.impl.XMLNSDocumentScannerImpl.next(XMLNSDocumentScannerImpl.java:116)
at
com.sun.org.apache.xerces.internal.impl.XMLDocumentFragmentScannerImpl.scanDocument(XMLDocumentFragmentScannerImpl.java:488)
at com.sun.org.apache.xerces.internal.parsers.XML11Configuration.parse(XML11Configuration.java:835)
at com.sun.org.apache.xerces.internal.parsers.XML11Configuration.parse(XML11Configuration.java:764)
at com.sun.org.apache.xerces.internal.parsers.XMLParser.parse(XMLParser.java:123)
at com.sun.org.apache.xerces.internal.parsers.DOMParser.parse(DOMParser.java:240)
at com.sun.org.apache.xerces.internal.jaxp.DocumentBuilderImpl.parse(DocumentBuilderImpl.java:300)
at
org.springframework.beans.factory.xml.DefaultDocumentLoader.loadDocument(DefaultDocumentLoader.java:76)
at
org.springframework.beans.factory.xml.XmlBeanDefinitionReader.doLoadDocument(XmlBeanDefinitionReader.java:428)
at
org.springframework.beans.factory.xml.XmlBeanDefinitionReader.doLoadBeanDefinitions(XmlBeanDefinitionReader.java:390)
... 23 more

Jun 21, 2016 6:40:58 PM org.apache.catalina.core.StandardContext startInternal
SEVERE: One or more listeners failed to start. Full details will be found in the appropriate container log
file
Jun 21, 2016 6:40:58 PM org.apache.catalina.core.StandardContext startInternal
SEVERE: Context [/SpringMVCHibernate] startup failed due to previous errors
```

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Jun 21, 2016 6:40:58 PM org.apache.catalina.core.StandardContext listenerStop
SEVERE: Exception sending context destroyed event to listener instance of class
org.springframework.web.context.ContextLoaderListener
java.lang.IllegalStateException: BeanFactory not initialized or already closed – call 'refresh' before
accessing beans via the ApplicationContext
at
org.springframework.context.support.AbstractRefreshableApplicationContext.getBeanFactory(AbstractRefreshableApplicationContext.java:170)
at
org.springframework.context.support.AbstractApplicationContext.destroyBeans(AbstractApplicationContext.java:921)
at
org.springframework.context.support.AbstractApplicationContext.doClose(AbstractApplicationContext.java:895)
at
org.springframework.context.support.AbstractApplicationContext.close(AbstractApplicationContext.java:841)
at org.springframework.web.context.ContextLoader.closeWebApplicationContext(ContextLoader.java:579)
at
org.springframework.web.context.ContextLoaderListener.contextDestroyed(ContextLoaderListener.java:115)
at org.apache.catalina.core.StandardContext.listenerStop(StandardContext.java:5050)
at org.apache.catalina.core.StandardContext.stopInternal(StandardContext.java:5712)
at org.apache.catalina.util.LifecycleBase.stop(LifecycleBase.java:232)
at org.apache.catalina.util.LifecycleBase.start(LifecycleBase.java:160)
at org.apache.catalina.core.ContainerBase$StartChild.call(ContainerBase.java:1574)
at org.apache.catalina.core.ContainerBase$StartChild.call(ContainerBase.java:1564)
at java.util.concurrent.FutureTask$Sync.innerRun(FutureTask.java:334)
at java.util.concurrent.FutureTask.run(FutureTask.java:166)
at java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1110)
at java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:603)
at java.lang.Thread.run(Thread.java:722)

Jun 21, 2016 6:40:58 PM org.apache.coyote.AbstractProtocol start
INFO: Starting ProtocolHandler ["http-bio-8080"]
Jun 21, 2016 6:40:58 PM org.apache.coyote.AbstractProtocol start
INFO: Starting ProtocolHandler ["ajp-bio-8009"]
Jun 21, 2016 6:40:58 PM org.apache.catalina.startup.Catalina start
INFO: Server startup in 1630 ms

Reply

Abhinav says

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@BALAKUMARAN : Your root-context.xml file is empty & missing xmlns. Please download the project and copy the file from it. I was also facing the same error.

Reply

Swastik Vn says
JANUARY 13, 2017 AT 1:34 AM

root-context.xml file is empty in this example. so it is giving file not found exception to me.

Reply

naveen says
NOVEMBER 20, 2016 AT 7:09 AM

u have miss configuration of the disptcuter-servlet.xml Spring versions and xsd files are missed

Reply

gautham says
JUNE 21, 2016 AT 12:37 AM

hi its a great tutorial , can you make a tutorial for spring mvc curd using one-to-one mapping. it will be of great help .

Reply

Alexander says
JUNE 14, 2016 AT 3:55 PM

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Reply

Pankaj says
JUNE 14, 2016 AT 9:53 PM

you are welcome Alexander

Reply

armel says
JUNE 17, 2016 AT 9:15 AM

Hi Pankaj,
I just wanted to say thanks for this tutorial it's awesome

Reply

Newbie says
JUNE 14, 2016 AT 2:01 AM

Really Really works !
Many Thankssss !!!!! I had searched for the tutorial for a month, but only this tutorial works for me
Thank You for this awesome tutorial !
I hope u can teach more and more .
Thank You !

Reply

Pankaj says
JUNE 14, 2016 AT 5:30 AM

Thanks for the awesome comment, it made my day. 🙂

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Sudipto says
JUNE 13, 2016 AT 11:38 PM

Hi Pankaj,

I have been following this tutorial on Spring MVC . Your tutorial is a great source of learning.
I have one doubt . If I have more than one DAO/ Service class , how do I mention in servlet-context.xml ?

Thanks a lot for making such a great tutorial. Keep up the good work.

Reply

Pankaj says
JUNE 14, 2016 AT 5:32 AM

You can have multiple DAO and Service classes. Just define them in spring bean configuration file or use Spring annotations.

Reply

Denis says
JUNE 12, 2016 AT 5:34 PM

Hi Pankaj,

I'm getting error:
WARN : org.springframework.web.servlet.PageNotFound – No mapping found for HTTP request with URI [/SpringMVCHibernate/] in DispatcherServlet with name 'appServlet'

I am using pivotal server v3.1.

Please help.

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Reply

Pankaj says
JUNE 13, 2016 AT 2:11 AM

Check the servlet context of your war file and the correct URI.

Reply

Shudhanshu Verma says
JUNE 7, 2016 AT 11:31 PM

Great work mate!! thank you so much

Reply

Pankaj says
JUNE 8, 2016 AT 1:33 AM

Thanks Sudhanshu.

Reply

Mohd Umar says
JUNE 7, 2016 AT 1:38 AM

Thank you for such a nice and easy tutorial.

A quick note, for those who getting Could not connect
add these dependency in your pom.xml

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5.1.17
jar
compile

Reply

Mohd Umar says
JUNE 7, 2016 AT 1:40 AM

http://stackoverflow.com/questions/29245102/maven-java-lang-classnotfoundexception-com-mysql-jdbc-driver

Reply

Pankaj says
JUNE 7, 2016 AT 4:20 AM

I have already added a note for this.

Reply

ilker Eker says
SEPTEMBER 4, 2016 AT 9:42 AM

You are great my friend. You have solved the problem 🙂

Reply

Ravan says
JUNE 1, 2016 AT 6:02 PM

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Reply

Pankaj says
JUNE 4, 2016 AT 6:21 AM

Thanks for the nice words buddy.

Reply

gadziki says
MAY 14, 2016 AT 10:05 AM

IT DOESNT WORK !!

Reply

Pankaj says
MAY 29, 2016 AT 7:08 AM

Please let me know what error you are getting. Common errors you might get are:

1. Wrong URL – 404 error means something wrong in URL.
2. Database connection issue – check for MySQL driver, user password etc.

Reply

Shivanshu says
MAY 11, 2016 AT 11:42 PM

Great work , keep it up.

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Pankaj says
MAY 29, 2016 AT 7:08 AM

Thanks Shivanshu for kind words.

Reply

MeenaKannan says
MAY 2, 2016 AT 1:32 AM

It looks good and also works well . Thanks

Reply

Pankaj says
MAY 29, 2016 AT 7:08 AM

Thanks Meena for the nice comment.

Reply

Raul says
APRIL 21, 2016 AT 11:50 AM

Here is the mysql connector for java pom dependency for all of those who are having problems.

mysql
mysql-connector-java
5.1.17

Reply

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Pankaj says
MAY 29, 2016 AT 7:10 AM

I have mentioned it clearly that I have MySQL driver in tomcat lib directory, so I don't need to include that. It's a very simple fix and can be easily found by looking at logs for error.

Reply

svorobei says
APRIL 18, 2016 AT 3:15 AM

Dear Pankaj, please tell me what went wrong? i have include msql-connector to pom, changed both login and pass, created db "testdb", but i'm getting these errors and exceptions: (i'm using idea)

org.springframework.web.util.NestedServletException: Request processing failed; nested exception is org.springframework.transaction.CannotCreateTransactionException: Could not open Hibernate Session for transaction; nested exception is org.hibernate.exception.GenericJDBCException: Could not open connection
org.springframework.web.servlet.FrameworkServlet.processRequest(FrameworkServlet.java:973)
org.springframework.web.servlet.FrameworkServlet.doGet(FrameworkServlet.java:852)
javax.servlet.http.HttpServlet.service(HttpServlet.java:621)
org.springframework.web.servlet.FrameworkServlet.service(FrameworkServlet.java:837)
javax.servlet.http.HttpServlet.service(HttpServlet.java:728)
root cause

org.springframework.transaction.CannotCreateTransactionException: Could not open Hibernate Session for transaction; nested exception is org.hibernate.exception.GenericJDBCException: Could not open connection
org.springframework.orm.hibernate4.HibernateTransactionManager.doBegin(HibernateTransactionManager.java:515)
org.springframework.transaction.support.AbstractPlatformTransactionManager.getTransaction(AbstractPlatformTransactionManager.java:373)
org.springframework.transaction.interceptor.TransactionAspectSupport.createTransactionIfNecessary(TransactionAspectSupport.java:420)
org.springframework.transaction.interceptor.TransactionAspectSupport.invokeWithinTransaction(TransactionAspectSupport.java:257)
org.springframework.transaction.interceptor.TransactionInterceptor.invoke(TransactionInterceptor.java:95)
org.springframework.aop.framework.ReflectiveMethodInvocation.proceed(ReflectiveMethodInvocation.java:179)
org.springframework.aop.framework.JdkDynamicAopProxy.invoke(JdkDynamicAopProxy.java:207)
com.sun.proxy.$Proxy117.listPersons(Unknown Source)
com.journaldev.spring.PersonController.listPersons(PersonController.java:29)

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sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)
java.lang.reflect.Method.invoke(Method.java:497)
org.springframework.web.method.support.InvocableHandlerMethod.invoke(InvocableHandlerMethod.java:215)
org.springframework.web.method.support.InvocableHandlerMethod.invokeForRequest(InvocableHandlerMethod.java:132)
org.springframework.web.servlet.mvc.method.annotation.ServletInvocableHandlerMethod.invokeAndHandle(ServletInvocableHandlerMethod.java:104)
org.springframework.web.servlet.mvc.method.annotation.RequestMappingHandlerAdapter.invokeHandleMethod(RequestMappingHandlerAdapter.java:749)
org.springframework.web.servlet.mvc.method.annotation.RequestMappingHandlerAdapter.handleInternal(RequestMappingHandlerAdapter.java:689)
org.springframework.web.servlet.mvc.method.AbstractHandlerMethodAdapter.handle(AbstractHandlerMethodAdapter.java:83)
org.springframework.web.servlet.DispatcherServlet.doDispatch(DispatcherServlet.java:938)
org.springframework.web.servlet.DispatcherServlet.doService(DispatcherServlet.java:870)
org.springframework.web.servlet.FrameworkServlet.processRequest(FrameworkServlet.java:961)
org.springframework.web.servlet.FrameworkServlet.doGet(FrameworkServlet.java:852)
javax.servlet.http.HttpServlet.service(HttpServlet.java:621)
org.springframework.web.servlet.FrameworkServlet.service(FrameworkServlet.java:837)
javax.servlet.http.HttpServlet.service(HttpServlet.java:728)
root cause

org.hibernate.exception.GenericJDBCException: Could not open connection
org.hibernate.exception.internal.StandardSQLExceptionConverter.convert(StandardSQLExceptionConverter.java:54)
org.hibernate.engine.jdbc.spi.SqlExceptionHelper.convert(SqlExceptionHelper.java:126)
org.hibernate.engine.jdbc.spi.SqlExceptionHelper.convert(SqlExceptionHelper.java:112)
org.hibernate.engine.jdbc.internal.LogicalConnectionImpl.obtainConnection(LogicalConnectionImpl.java:235)
org.hibernate.engine.jdbc.internal.LogicalConnectionImpl.getConnection(LogicalConnectionImpl.java:171)
org.hibernate.internal.SessionImpl.connection(SessionImpl.java:450)
org.springframework.orm.hibernate4.HibernateTransactionManager.doBegin(HibernateTransactionManager.java:429)
org.springframework.transaction.support.AbstractPlatformTransactionManager.getTransaction(AbstractPlatformTransactionManager.java:373)
org.springframework.transaction.interceptor.TransactionAspectSupport.createTransactionIfNecessary(TransactionAspectSupport.java:420)
org.springframework.transaction.interceptor.TransactionAspectSupport.invokeWithinTransaction(TransactionAspectSupport.java:257)
org.springframework.transaction.interceptor.TransactionInterceptor.invoke(TransactionInterceptor.java:95)
org.springframework.aop.framework.ReflectiveMethodInvocation.proceed(ReflectiveMethodInvocation.java:179)
org.springframework.aop.framework.JdkDynamicAopProxy.invoke(JdkDynamicAopProxy.java:207)
com.sun.proxy.$Proxy117.listPersons(Unknown Source)
com.journaldev.spring.PersonController.listPersons(PersonController.java:29)
sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62)
sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)
java.lang.reflect.Method.invoke(Method.java:497)
org.springframework.web.method.support.InvocableHandlerMethod.invoke(InvocableHandlerMethod.java:215)
org.springframework.web.method.support.InvocableHandlerMethod.invokeForRequest(InvocableHandlerMethod.java:132)

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org.springframework.web.servlet.mvc.method.annotation.RequestMappingHandlerAdapter.handleInternal(RequestMappingHandlerAdapter.java:689)
org.springframework.web.servlet.mvc.method.AbstractHandlerMethodAdapter.handle(AbstractHandlerMethodAdapter.java:83)
org.springframework.web.servlet.DispatcherServlet.doDispatch(DispatcherServlet.java:938)
org.springframework.web.servlet.DispatcherServlet.doService(DispatcherServlet.java:870)
org.springframework.web.servlet.FrameworkServlet.processRequest(FrameworkServlet.java:961)
org.springframework.web.servlet.FrameworkServlet.doGet(FrameworkServlet.java:852)
javax.servlet.http.HttpServlet.service(HttpServlet.java:621)
org.springframework.web.servlet.FrameworkServlet.service(FrameworkServlet.java:837)
javax.servlet.http.HttpServlet.service(HttpServlet.java:728)
root cause

java.sql.SQLException: The server time zone value '������������ ������ (����)' is unrecognized or represents more than one time zone. You must configure either the server or JDBC driver (via the serverTimezone configuration property) to use a more specifc time zone value if you want to utilize time zone support.
com.mysql.cj.jdbc.exceptions.SQLError.createSQLException(SQLError.java:695)
com.mysql.cj.jdbc.exceptions.SQLError.createSQLException(SQLError.java:663)
com.mysql.cj.jdbc.exceptions.SQLError.createSQLException(SQLError.java:653)
com.mysql.cj.jdbc.exceptions.SQLError.createSQLException(SQLError.java:638)
com.mysql.cj.jdbc.exceptions.SQLError.createSQLException(SQLError.java:606)
com.mysql.cj.jdbc.exceptions.SQLError.createSQLException(SQLError.java:624)
com.mysql.cj.jdbc.exceptions.SQLError.createSQLException(SQLError.java:620)
com.mysql.cj.jdbc.exceptions.SQLExceptionsMapping.translateException(SQLExceptionsMapping.java:68)
com.mysql.cj.jdbc.ConnectionImpl.createNewIO(ConnectionImpl.java:1683)
com.mysql.cj.jdbc.ConnectionImpl.(ConnectionImpl.java:656)
com.mysql.cj.jdbc.ConnectionImpl.getInstance(ConnectionImpl.java:349)
com.mysql.cj.jdbc.NonRegisteringDriver.connect(NonRegisteringDriver.java:221)
java.sql.DriverManager.getConnection(DriverManager.java:664)
java.sql.DriverManager.getConnection(DriverManager.java:208)
org.springframework.jdbc.datasource.DriverManagerDataSource.getConnectionFromDriverManager(DriverManagerDataSource.java:153)
org.springframework.jdbc.datasource.DriverManagerDataSource.getConnectionFromDriver(DriverManagerDataSource.java:144)
org.springframework.jdbc.datasource.AbstractDriverBasedDataSource.getConnectionFromDriver(AbstractDriverBasedDataSource.java:155)
org.springframework.jdbc.datasource.AbstractDriverBasedDataSource.getConnection(AbstractDriverBasedDataSource.java:120)
org.hibernate.engine.jdbc.connections.internal.DatasourceConnectionProviderImpl.getConnection(DatasourceConnectionProviderImpl.java:139)
org.hibernate.internal.AbstractSessionImpl$NonContextualJdbcConnectionAccess.obtainConnection(AbstractSessionImpl.java:380)
org.hibernate.engine.jdbc.internal.LogicalConnectionImpl.obtainConnection(LogicalConnectionImpl.java:228)
org.hibernate.engine.jdbc.internal.LogicalConnectionImpl.getConnection(LogicalConnectionImpl.java:171)
org.hibernate.internal.SessionImpl.connection(SessionImpl.java:450)
org.springframework.orm.hibernate4.HibernateTransactionManager.doBegin(HibernateTransactionManager.java:429)

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org.springframework.transaction.interceptor.TransactionAspectSupport.invokeWithinTransaction(TransactionAspectSupport.java:257)
org.springframework.transaction.interceptor.TransactionInterceptor.invoke(TransactionInterceptor.java:95)
org.springframework.aop.framework.ReflectiveMethodInvocation.proceed(ReflectiveMethodInvocation.java:179)
org.springframework.aop.framework.JdkDynamicAopProxy.invoke(JdkDynamicAopProxy.java:207)
com.sun.proxy.$Proxy117.listPersons(Unknown Source)
com.journaldev.spring.PersonController.listPersons(PersonController.java:29)
sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62)
sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)
java.lang.reflect.Method.invoke(Method.java:497)
org.springframework.web.method.support.InvocableHandlerMethod.invoke(InvocableHandlerMethod.java:215)
org.springframework.web.method.support.InvocableHandlerMethod.invokeForRequest(InvocableHandlerMethod.java:132)
org.springframework.web.servlet.mvc.method.annotation.ServletInvocableHandlerMethod.invokeAndHandle(ServletInvocableHandlerMethod.java:104)
org.springframework.web.servlet.mvc.method.annotation.RequestMappingHandlerAdapter.invokeHandleMethod(RequestMappingHandlerAdapter.java:749)
org.springframework.web.servlet.mvc.method.annotation.RequestMappingHandlerAdapter.handleInternal(RequestMappingHandlerAdapter.java:689)
org.springframework.web.servlet.mvc.method.AbstractHandlerMethodAdapter.handle(AbstractHandlerMethodAdapter.java:83)
org.springframework.web.servlet.DispatcherServlet.doDispatch(DispatcherServlet.java:938)
org.springframework.web.servlet.DispatcherServlet.doService(DispatcherServlet.java:870)
org.springframework.web.servlet.FrameworkServlet.processRequest(FrameworkServlet.java:961)
org.springframework.web.servlet.FrameworkServlet.doGet(FrameworkServlet.java:852)
javax.servlet.http.HttpServlet.service(HttpServlet.java:621)
org.springframework.web.servlet.FrameworkServlet.service(FrameworkServlet.java:837)
javax.servlet.http.HttpServlet.service(HttpServlet.java:728)
root cause

com.mysql.cj.core.exceptions.InvalidConnectionAttributeException: The server time zone value '������������ ����� (����)' is unrecognized or represents more than one time zone. You must configure either the server or JDBC driver (via the serverTimezone configuration property) to use a more specifc time zone value if you want to utilize time zone support.
sun.reflect.NativeConstructorAccessorImpl.newInstance0(Native Method)
sun.reflect.NativeConstructorAccessorImpl.newInstance(NativeConstructorAccessorImpl.java:62)
sun.reflect.DelegatingConstructorAccessorImpl.newInstance(DelegatingConstructorAccessorImpl.java:45)
java.lang.reflect.Constructor.newInstance(Constructor.java:422)
com.mysql.cj.core.exceptions.ExceptionFactory.createException(ExceptionFactory.java:54)
com.mysql.cj.core.exceptions.ExceptionFactory.createException(ExceptionFactory.java:73)
com.mysql.cj.jdbc.util.TimeUtil.getCanonicalTimezone(TimeUtil.java:118)
com.mysql.cj.mysqla.MysqlaSession.configureTimezone(MysqlaSession.java:308)
com.mysql.cj.jdbc.ConnectionImpl.initializePropsFromServer(ConnectionImpl.java:2474)
com.mysql.cj.jdbc.ConnectionImpl.connectOneTryOnly(ConnectionImpl.java:1817)

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com.mysql.cj.jdbc.ConnectionImpl.getInstance(ConnectionImpl.java:349)
com.mysql.cj.jdbc.NonRegisteringDriver.connect(NonRegisteringDriver.java:221)
java.sql.DriverManager.getConnection(DriverManager.java:664)
java.sql.DriverManager.getConnection(DriverManager.java:208)
org.springframework.jdbc.datasource.DriverManagerDataSource.getConnectionFromDriverManager(DriverManagerDataSource.java:153)
org.springframework.jdbc.datasource.DriverManagerDataSource.getConnectionFromDriver(DriverManagerDataSource.java:144)
org.springframework.jdbc.datasource.AbstractDriverBasedDataSource.getConnectionFromDriver(AbstractDriverBasedDataSource.java:155)
org.springframework.jdbc.datasource.AbstractDriverBasedDataSource.getConnection(AbstractDriverBasedDataSource.java:120)
org.hibernate.engine.jdbc.connections.internal.DatasourceConnectionProviderImpl.getConnection(DatasourceConnectionProviderImpl.java:139)
org.hibernate.internal.AbstractSessionImpl$NonContextualJdbcConnectionAccess.obtainConnection(AbstractSessionImpl.java:380)
org.hibernate.engine.jdbc.internal.LogicalConnectionImpl.obtainConnection(LogicalConnectionImpl.java:228)
org.hibernate.engine.jdbc.internal.LogicalConnectionImpl.getConnection(LogicalConnectionImpl.java:171)
org.hibernate.internal.SessionImpl.connection(SessionImpl.java:450)
org.springframework.orm.hibernate4.HibernateTransactionManager.doBegin(HibernateTransactionManager.java:429)
org.springframework.transaction.support.AbstractPlatformTransactionManager.getTransaction(AbstractPlatformTransactionManager.java:373)
org.springframework.transaction.interceptor.TransactionAspectSupport.createTransactionIfNecessary(TransactionAspectSupport.java:420)
org.springframework.transaction.interceptor.TransactionAspectSupport.invokeWithinTransaction(TransactionAspectSupport.java:257)
org.springframework.transaction.interceptor.TransactionInterceptor.invoke(TransactionInterceptor.java:95)
org.springframework.aop.framework.ReflectiveMethodInvocation.proceed(ReflectiveMethodInvocation.java:179)
org.springframework.aop.framework.JdkDynamicAopProxy.invoke(JdkDynamicAopProxy.java:207)
com.sun.proxy.$Proxy117.listPersons(Unknown Source)
com.journaldev.spring.PersonController.listPersons(PersonController.java:29)
sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62)
sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)
java.lang.reflect.Method.invoke(Method.java:497)
org.springframework.web.method.support.InvocableHandlerMethod.invoke(InvocableHandlerMethod.java:215)
org.springframework.web.method.support.InvocableHandlerMethod.invokeForRequest(InvocableHandlerMethod.java:132)
org.springframework.web.servlet.mvc.method.annotation.ServletInvocableHandlerMethod.invokeAndHandle(ServletInvocableHandlerMethod.java:104)
org.springframework.web.servlet.mvc.method.annotation.RequestMappingHandlerAdapter.invokeHandleMethod(RequestMappingHandlerAdapter.java:749)
org.springframework.web.servlet.mvc.method.annotation.RequestMappingHandlerAdapter.handleInternal(RequestMappingHandlerAdapter.java:689)
org.springframework.web.servlet.mvc.method.AbstractHandlerMethodAdapter.handle(AbstractHandlerMethodAdapter.java:83)
org.springframework.web.servlet.DispatcherServlet.doDispatch(DispatcherServlet.java:938)
org.springframework.web.servlet.DispatcherServlet.doService(DispatcherServlet.java:870)
org.springframework.web.servlet.FrameworkServlet.processRequest(FrameworkServlet.java:961)
org.springframework.web.servlet.FrameworkServlet.doGet(FrameworkServlet.java:852)
javax.servlet.http.HttpServlet.service(HttpServlet.java:621)
org.springframework.web.servlet.FrameworkServlet.service(FrameworkServlet.java:837)
javax.servlet.http.HttpServlet.service(HttpServlet.java:728)
```

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Pankaj says
APRIL 18, 2016 AT 5:00 AM

Do one thing, write a standalone java class and check if you are able to connect using JDBC API?

Reply

Siva says
APRIL 17, 2016 AT 8:01 AM

Thanks my friend.your article is very great helpful.

Reply

Pankaj says
JUNE 4, 2016 AT 6:22 AM

Appreciate your comment buddy. These type of comments help me keep going.

Reply

vishal says
APRIL 14, 2016 AT 10:51 AM

HTTP Status 500 – Servlet.init() for servlet appServlet threw exception

type Exception report

message Servlet.init() for servlet appServlet threw exception

description The server encountered an internal error that prevented it from fulfilling this request.

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org.apache.catalina.authenticator.AuthenticatorBase.invoke(AuthenticatorBase.java:502)
org.apache.catalina.valves.ErrorReportValve.invoke(ErrorReportValve.java:79)
org.apache.catalina.valves.AbstractAccessLogValve.invoke(AbstractAccessLogValve.java:617)
org.apache.catalina.connector.CoyoteAdapter.service(CoyoteAdapter.java:518)
org.apache.coyote.http11.AbstractHttp11Processor.process(AbstractHttp11Processor.java:1091)
org.apache.coyote.AbstractProtocol$AbstractConnectionHandler.process(AbstractProtocol.java:668)
org.apache.tomcat.util.net.NioEndpoint$SocketProcessor.doRun(NioEndpoint.java:1521)
org.apache.tomcat.util.net.NioEndpoint$SocketProcessor.run(NioEndpoint.java:1478)
java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1145)
java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:615)
org.apache.tomcat.util.threads.TaskThread$WrappingRunnable.run(TaskThread.java:61)
java.lang.Thread.run(Thread.java:745)

root cause
org.springframework.beans.factory.parsing.BeanDefinitionParsingException: Configuration problem:
Cannot locate BeanDefinitionDecorator for element [component-scan]
Offending resource: ServletContext resource [/WEB-INF/spring/appServlet/servlet-context.xml]
org.springframework.beans.factory.parsing.FailFastProblemReporter.fatal(FailFastProblemReporter.java:60)
org.springframework.beans.factory.parsing.ReaderContext.fatal(ReaderContext.java:68)
org.springframework.beans.factory.parsing.ReaderContext.fatal(ReaderContext.java:55)
org.springframework.beans.factory.xml.NamespaceHandlerSupport.findDecoratorForNode(NamespaceHandlerSupport.java:121)
org.springframework.beans.factory.xml.NamespaceHandlerSupport.decorate(NamespaceHandlerSupport.java:99)
org.springframework.beans.factory.xml.BeanDefinitionParserDelegate.decorateIfRequired(BeanDefinitionParserDelegate.java:1461)
org.springframework.beans.factory.xml.BeanDefinitionParserDelegate.decorateBeanDefinitionIfRequired(BeanDefinitionParserDelegate.java:1448)
org.springframework.beans.factory.xml.BeanDefinitionParserDelegate.decorateBeanDefinitionIfRequired(BeanDefinitionParserDelegate.java:1428)
org.springframework.beans.factory.xml.DefaultBeanDefinitionDocumentReader.processBeanDefinition(DefaultBeanDefinitionDocumentReader.java:316)
org.springframework.beans.factory.xml.DefaultBeanDefinitionDocumentReader.parseDefaultElement(DefaultBeanDefinitionDocumentReader.java:205)
org.springframework.beans.factory.xml.DefaultBeanDefinitionDocumentReader.parseBeanDefinitions(DefaultBeanDefinitionDocumentReader.java:184)
org.springframework.beans.factory.xml.DefaultBeanDefinitionDocumentReader.doRegisterBeanDefinitions(DefaultBeanDefinitionDocumentReader.java:141)
org.springframework.beans.factory.xml.DefaultBeanDefinitionDocumentReader.registerBeanDefinitions(DefaultBeanDefinitionDocumentReader.java:110)
org.springframework.beans.factory.xml.XmlBeanDefinitionReader.registerBeanDefinitions(XmlBeanDefinitionReader.java:508)
org.springframework.beans.factory.xml.XmlBeanDefinitionReader.doLoadBeanDefinitions(XmlBeanDefinitionReader.java:391)
org.springframework.beans.factory.xml.XmlBeanDefinitionReader.loadBeanDefinitions(XmlBeanDefinitionReader.java:335)
org.springframework.beans.factory.xml.XmlBeanDefinitionReader.loadBeanDefinitions(XmlBeanDefinitionReader.java:303)
org.springframework.beans.factory.support.AbstractBeanDefinitionReader.loadBeanDefinitions(AbstractBeanDefinitionReader.java:180)
org.springframework.beans.factory.support.AbstractBeanDefinitionReader.loadBeanDefinitions(AbstractBeanDefinitionReader.java:216)
org.springframework.beans.factory.support.AbstractBeanDefinitionReader.loadBeanDefinitions(AbstractBeanDefinitionReader.java:187)
org.springframework.web.context.support.XmlWebApplicationContext.loadBeanDefinitions(XmlWebApplicationContext.java:125)
org.springframework.web.context.support.XmlWebApplicationContext.loadBeanDefinitions(XmlWebApplicationContext.java:94)

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org.springframework.context.support.AbstractApplicationContext.refresh(AbstractApplicationContext.java:454)
org.springframework.web.servlet.FrameworkServlet.configureAndRefreshWebApplicationContext(FrameworkServlet.java:658)
org.springframework.web.servlet.FrameworkServlet.createWebApplicationContext(FrameworkServlet.java:624)
org.springframework.web.servlet.FrameworkServlet.createWebApplicationContext(FrameworkServlet.java:672)
org.springframework.web.servlet.FrameworkServlet.initWebApplicationContext(FrameworkServlet.java:543)
org.springframework.web.servlet.FrameworkServlet.initServletBean(FrameworkServlet.java:484)
org.springframework.web.servlet.HttpServletBean.init(HttpServletBean.java:136)
javax.servlet.GenericServlet.init(GenericServlet.java:158)
org.apache.catalina.authenticator.AuthenticatorBase.invoke(AuthenticatorBase.java:502)
org.apache.catalina.valves.ErrorReportValve.invoke(ErrorReportValve.java:79)
org.apache.catalina.valves.AbstractAccessLogValve.invoke(AbstractAccessLogValve.java:617)
org.apache.catalina.connector.CoyoteAdapter.service(CoyoteAdapter.java:518)
org.apache.coyote.http11.AbstractHttp11Processor.process(AbstractHttp11Processor.java:1091)
org.apache.coyote.AbstractProtocol$AbstractConnectionHandler.process(AbstractProtocol.java:668)
org.apache.tomcat.util.net.NioEndpoint$SocketProcessor.doRun(NioEndpoint.java:1521)
org.apache.tomcat.util.net.NioEndpoint$SocketProcessor.run(NioEndpoint.java:1478)
java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1145)
java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:615)
org.apache.tomcat.util.threads.TaskThread$WrappingRunnable.run(TaskThread.java:61)
java.lang.Thread.run(Thread.java:745)

note The full stack trace of the root cause is available in the Apache Tomcat/8.0.23 logs.

Apache Tomcat/8.0.23

Reply

vishal says
APRIL 22, 2016 AT 10:51 AM

pankaj im getting the above error plz help me

Reply

Pankaj says
JUNE 4, 2016 AT 6:24 AM

Could you please send me the project? Go to about page below and you will get my email id.

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Reply

M Toma says
APRIL 10, 2016 AT 2:01 PM

Hi Pankaj,
I tray your 2 tutorials using netbeans 8.1
SpringHibernateExample wor fine
but
SpringMVCHibernate have problem with db connection.
I added in pom.xml

mysql
mysql-connector-java
5.1.9

bat got not succes
Here is what I get:

HTTP Status 500 – Servlet.init() for servlet appServlet threw exception

type Exception report

message Servlet.init() for servlet appServlet threw exception

description The server encountered an internal error that prevented it from fulfilling this request.

exception

javax.servlet.ServletException: Servlet.init() for servlet appServlet threw exception
org.apache.tomee.catalina.OpenEJBValve.invoke(OpenEJBValve.java:44)
org.apache.catalina.authenticator.AuthenticatorBase.invoke(AuthenticatorBase.java:505)
org.apache.catalina.valves.ErrorReportValve.invoke(ErrorReportValve.java:103)
org.apache.catalina.valves.AccessLogValve.invoke(AccessLogValve.java:956)
org.apache.catalina.connector.CoyoteAdapter.service(CoyoteAdapter.java:436)

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org.apache.tomcat.util.net.JIoEndpoint$SocketProcessor.run(JIoEndpoint.java:318)
java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1142)
java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:617)
org.apache.tomcat.util.threads.TaskThread$WrappingRunnable.run(TaskThread.java:61)
java.lang.Thread.run(Thread.java:745)

root cause

org.springframework.beans.factory.BeanCreationException: Error creating bean with name 'hibernate4AnnotatedSessionFactory' defined in ServletContext resource [/WEB-INF/spring/appServlet/servlet-context.xml]: Invocation of init method failed; nested exception is java.lang.NoClassDefFoundError: javax/persistence/NamedStoredProcedureQuery
org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.initializeBean(AbstractAutowireCapableBeanFactory.java:1553)
org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.doCreateBean(AbstractAutowireCapableBeanFactory.java:539)
org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.createBean(AbstractAutowireCapableBeanFactory.java:475)
org.springframework.beans.factory.support.AbstractBeanFactory$1.getObject(AbstractBeanFactory.java:304)
org.springframework.beans.factory.support.DefaultSingletonBeanRegistry.getSingleton(DefaultSingletonBeanRegistry.java:228)
org.springframework.beans.factory.support.AbstractBeanFactory.doGetBean(AbstractBeanFactory.java:300)
org.springframework.beans.factory.support.AbstractBeanFactory.getBean(AbstractBeanFactory.java:195)
org.springframework.beans.factory.support.DefaultListableBeanFactory.preInstantiateSingletons(DefaultListableBeanFactory.java:684)
org.springframework.context.support.AbstractApplicationContext.finishBeanFactoryInitialization(AbstractApplicationContext.java:760)
org.springframework.context.support.AbstractApplicationContext.refresh(AbstractApplicationContext.java:482)
org.springframework.web.servlet.FrameworkServlet.configureAndRefreshWebApplicationContext(FrameworkServlet.java:658)
org.springframework.web.servlet.FrameworkServlet.createWebApplicationContext(FrameworkServlet.java:624)
org.springframework.web.servlet.FrameworkServlet.createWebApplicationContext(FrameworkServlet.java:672)
org.springframework.web.servlet.FrameworkServlet.initWebApplicationContext(FrameworkServlet.java:543)
org.springframework.web.servlet.FrameworkServlet.initServletBean(FrameworkServlet.java:484)
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org.apache.coyote.http11.AbstractHttp11Processor.process(AbstractHttp11Processor.java:1078)
org.apache.coyote.AbstractProtocol$AbstractConnectionHandler.process(AbstractProtocol.java:625)
org.apache.tomcat.util.net.JIoEndpoint$SocketProcessor.run(JIoEndpoint.java:318)
java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1142)
java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:617)

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root cause

java.lang.NoClassDefFoundError: javax/persistence/NamedStoredProcedureQuery
org.hibernate.cfg.AnnotationBinder.bindDefaults(AnnotationBinder.java:276)
org.hibernate.cfg.Configuration.secondPassCompile(Configuration.java:1402)
org.hibernate.cfg.Configuration.buildSessionFactory(Configuration.java:1844)
org.hibernate.cfg.Configuration.buildSessionFactory(Configuration.java:1928)
org.springframework.orm.hibernate4.LocalSessionFactoryBuilder.buildSessionFactory(LocalSessionFactoryBuilder.java:343)
org.springframework.orm.hibernate4.LocalSessionFactoryBean.buildSessionFactory(LocalSessionFactoryBean.java:431)
org.springframework.orm.hibernate4.LocalSessionFactoryBean.afterPropertiesSet(LocalSessionFactoryBean.java:416)
org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.invokeInitMethods(AbstractAutowireCapableBeanFactory.java:1612)
org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.initializeBean(AbstractAutowireCapableBeanFactory.java:1549)
org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.doCreateBean(AbstractAutowireCapableBeanFactory.java:539)
org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.createBean(AbstractAutowireCapableBeanFactory.java:475)
org.springframework.beans.factory.support.AbstractBeanFactory$1.getObject(AbstractBeanFactory.java:304)
org.springframework.beans.factory.support.DefaultSingletonBeanRegistry.getSingleton(DefaultSingletonBeanRegistry.java:228)
org.springframework.beans.factory.support.AbstractBeanFactory.doGetBean(AbstractBeanFactory.java:300)
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org.springframework.beans.factory.support.DefaultListableBeanFactory.preInstantiateSingletons(DefaultListableBeanFactory.java:684)
org.springframework.context.support.AbstractApplicationContext.finishBeanFactoryInitialization(AbstractApplicationContext.java:760)
org.springframework.context.support.AbstractApplicationContext.refresh(AbstractApplicationContext.java:482)
org.springframework.web.servlet.FrameworkServlet.configureAndRefreshWebApplicationContext(FrameworkServlet.java:658)
org.springframework.web.servlet.FrameworkServlet.createWebApplicationContext(FrameworkServlet.java:624)
org.springframework.web.servlet.FrameworkServlet.createWebApplicationContext(FrameworkServlet.java:672)
org.springframework.web.servlet.FrameworkServlet.initWebApplicationContext(FrameworkServlet.java:543)
org.springframework.web.servlet.FrameworkServlet.initServletBean(FrameworkServlet.java:484)
org.springframework.web.servlet.HttpServletBean.init(HttpServletBean.java:136)
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org.apache.coyote.AbstractProtocol$AbstractConnectionHandler.process(AbstractProtocol.java:625)
org.apache.tomcat.util.net.JIoEndpoint$SocketProcessor.run(JIoEndpoint.java:318)
java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1142)
java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:617)

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note The full stack trace of the root cause is available in the Apache Tomcat (TomEE)/7.0.68 (1.7.4) logs.
Apache Tomcat (TomEE)/7.0.68 (1.7.4)

Thanks for any sugestion.
Mircea

Reply

Pankaj says
APRIL 10, 2016 AT 9:02 PM

I think you need to put Hibernate jars in tomcat lib.

Reply

M Toma says
APRIL 12, 2016 AT 9:58 AM

I post my question on stackowerflow
Error creating bean with name 'hibernate4AnnotatedSessionFactory' for example Spring MVC Hibernate MySQL Integration CRUD on netbean 8.1

and get some suggestions but my example still not working.
Netbeans ofer toll to get a graph about dependency related.
Mybe that can help. I don't know where to send (upload) this png file so someone to see what is wrong.
thanks,
M Toma

Reply

M Toma says
APRIL 12, 2016 AT 2:30 PM

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Developing with Eclipse and Maven
7.2. Analyzing Project Dependencies in m2eclipse
https://books.sonatype.com/m2eclipse-book/reference/dependencies-sect-analyze-depend.html

Thanks a lot for your tutorial and help.
M Toma

Reply

M Toma says
APRIL 13, 2016 AT 10:27 AM

What Tomcat version you use here?

Reply

M Toma says
MAY 7, 2016 AT 7:14 AM

I Tray again the example in Netbeans and make it work. I was wrong by expecting to see a page on url: `http://localhost:8080/SpringMVCHibernate` If I change the url to: `http://localhost:8080/SpringMVCHibernate/persons` I get an error:

HTTP Status 500 – Request processing failed; nested exception is org.springframework.transaction.CannotCreateTransactionException: Could not open Hibernate Session for transaction; nested exception is org.hibernate.exception.GenericJDBCException: Could not open connection
…
org.apache.commons.dbcp.SQLNestedException: Cannot load JDBC driver class 'com.mysql.jdbc.Driver'

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M. Toma

Reply

Pankaj says
JUNE 4, 2016 AT 6:26 AM

Glad to see that you were able to resolve it. And sorry for late response.

On the bright side, you learn more when you face obstacles. 🙂

Reply

dous says
APRIL 5, 2016 AT 7:25 AM

hi,

thanks for great tutorial. i used it to write my own application. however i see one error up there.

add person method on person controller class returns null pointer exception on if clause because of == 0 check. i resolved it with == null clause. changing part here below.

```
//For add and update person both
@RequestMapping(value= "/person/add", method = RequestMethod.POST)
public String addPerson(@ModelAttribute("person") Person p){

// if(p.getId() == 0){ –> changed it
if(p.getId() == null){
//new person, add it
this.personService.addPerson(p);
```

Reply

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JUNE 4, 2016 AT 6:29 AM

You must be using ID as String. For my example id is "int", so it will have default value as 0. 🙂

Reply

Marat says
MARCH 28, 2016 AT 8:38 PM

Hi Pankaj,

Very nice Example)))

You will not prompt me how to configure JNDI in Spring Bean Configuration Context(Servlet-Context) for AS WildFly

Thanks

Reply

Pankaj says
JUNE 4, 2016 AT 6:30 AM

I am not sure what you are asking but thanks for appreciating. 🙂

Reply

trong says
MARCH 25, 2016 AT 3:06 AM

i installed is ok. but add and config more . Plz view youtube and note thanks in youtube if you feel ok.
😉

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Reply

Pankaj says
JUNE 4, 2016 AT 6:31 AM

Thanks for making the video. I wish you had put audio too. Also put details about the issue and steps for solution here.

Reply

DC says
MARCH 22, 2016 AT 3:20 AM

How can we do edit without logger

Reply

Pankaj says
JUNE 4, 2016 AT 6:31 AM

Not sure what you are looking for.

Reply

DC says
MARCH 22, 2016 AT 3:18 AM

Nice Example…
But how can we edit the details without using logger

Reply

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Pankaj says
JUNE 4, 2016 AT 6:32 AM

Loggers are not editing anything, that is just to log the messages to check and confirm that things are working fine.

Reply

don says
MARCH 21, 2016 AT 8:10 PM

hello, dao file and model file use which tool(version) to generate? thanks

Reply

Pankaj says
JUNE 4, 2016 AT 6:35 AM

i have created it myself, but you can use some tools to do it. Check if there is some option in Hibernate Tool Eclipse plugin? You can read below article for a quick roundup on Hibernate Tools Eclipse plugin.

http://www.journaldev.com/2940/hibernate-tools-eclipse-plugin-for-generating-hibernate-mapping-and-configuration-files

Reply

Venkatesh Manohar says
MARCH 10, 2016 AT 12:14 AM

Thanks a lot. It really helped me a lot to start a Spring Hibernate project from scratch.

Reply

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Pankaj says
JUNE 4, 2016 AT 6:35 AM

You are welcome Venkatesh.

Reply

eksa says
MARCH 9, 2016 AT 8:23 AM

hi pankaj,

for some reason the app does the job but nothing happens in the database(add person)?!

Reply

Pankaj says
JUNE 4, 2016 AT 6:49 AM

check your logs and see if you are committing the transaction.

Reply

Anand says
MARCH 7, 2016 AT 8:23 AM

Thanks Pankaj, It worked like a charm 🙂

Reply

Pankaj says
JUNE 4, 2016 AT 6:49 AM

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Reply

Ramkumar says
MARCH 7, 2016 AT 5:45 AM

i am getting this (No mapping found for HTTP request with URI [/SpringMVCHibernate/] in DispatcherServlet with name 'appServlet') error

Reply

sherif says
APRIL 10, 2016 AT 3:53 AM

same with me , if you did it please tell me how

Reply

Pankaj says
JUNE 4, 2016 AT 6:51 AM

Check the images for correct URI, also check the request mapping configured.

Reply

Ramkumar says
MARCH 7, 2016 AT 4:09 AM

i am trying to import this project but i am getting No projects are found to import?

Reply

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Pankaj says
JUNE 4, 2016 AT 6:51 AM

its a maven based project, check you are at the right directory or not. You need to use the root directory while importing maven project, so that Eclipse will scan the pom.xml file.

Reply

amit says
FEBRUARY 26, 2016 AT 2:43 AM

I am getting (No mapping found for HTTP request with URI [/SpringMVCHibernate/] in DispatcherServlet with name 'appServlet') on console…could any one help me
thanks

Reply

DC says
MARCH 22, 2016 AT 3:21 AM

instead of your url just write URl /SpringMVCHiberante/persons

Reply

Pankaj says
JUNE 4, 2016 AT 6:52 AM

Thanks for helping Amit. Appreciate it.

Reply

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how to add multiple internal resource view resolver

Reply

Pankaj says
JUNE 4, 2016 AT 6:56 AM

I have not tried it, you can check if there is some settings for that in `InternalResourceViewResolver` class?

I have not tried this but I can think you can define multiple InternalResourceViewResolver beans in the spring configuration file, try that and let me know if it works? 🙂

Reply

abinagabalan says
FEBRUARY 4, 2016 AT 9:41 PM

Above spring and hibernate integration code has worked for me. Thanks for providing ariticial

Reply

Pankaj says
JUNE 4, 2016 AT 6:57 AM

you are welcome buddy.

Reply

andy says

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What is the sense of using Apache Commons DBCP dependecie for connection pooling if Tomcat itself using it? Here is from tomcat documentation:
"NOTE – The default data source support in Tomcat is based on the DBCP connection pool from the Commons project. However, it is possible to use any other connection pool that implements javax.sql.DataSource, by writing your own custom resource factory"

Reply

Pankaj says
JUNE 4, 2016 AT 6:57 AM

It's for keeping the things simple, in real life projects you will use Tomcat Data Source for connection pooling.

Reply

andy says
JANUARY 21, 2016 AT 1:02 PM

Why are you using new Integer(id) instead of just using id here:
Person p = (Person) session.load(Person.class, new Integer(id));

Reply

Pankaj says
JUNE 4, 2016 AT 6:58 AM

No significance, we can pass "int" also that will be changed to Integer class using autoboxing.

Reply

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JANUARY 18, 2016 AT 2:59 AM

Hi,

I tried setting up a simple example based on your in STS3.7.2 using the New->Spring Legacy->Spring MVC and I added your database entries in the servlet-context.xml.

However, I am getting "Build path is incomplete. Cannot find class file for org/springwork/context/event/EventListenerFactory"

Would you be able to tell me why?

Thank you,
Denis

com.journaldev.spring.model.Person

org.hibernate.dialect.MySQLDialect

true

Reply

Pankaj says
JUNE 4, 2016 AT 6:59 AM

compare your pom.xml dependencies with mine, you might be missing some artifacts.

Reply

Roberto Eder Weiss Juárez says
JANUARY 4, 2016 AT 1:05 PM

Thanks very much!! You are amazing!!

Reply

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Pankaj says
JUNE 4, 2016 AT 7:00 AM

You are awesome too for taking time in writing this nice comment. 🙂

Reply

Mark says
JANUARY 2, 2016 AT 8:38 PM

In the DAOImpl methods, why does one need to cast to (Person) when the information is coming back from the database/session? What is it passed as?

Reply

Pankaj says
JUNE 4, 2016 AT 7:04 AM

Because the Hibernate Session load() method returns Object, so we need to explicitly cast it.

Reply

Navdeep Bansal says
JANUARY 1, 2016 AT 11:18 PM

Hi,

I am getting the below exception while running an application. Kindly assist.

HTTP Status 500 – Servlet.init() for servlet appServlet threw exception

type Exception report

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description The server encountered an internal error that prevented it from fulfilling this request.

exception
javax.servlet.ServletException: Servlet.init() for servlet appServlet threw exception
org.apache.catalina.authenticator.AuthenticatorBase.invoke(AuthenticatorBase.java:502)
org.apache.catalina.valves.ErrorReportValve.invoke(ErrorReportValve.java:79)
org.apache.catalina.valves.AbstractAccessLogValve.invoke(AbstractAccessLogValve.java:616)
org.apache.catalina.connector.CoyoteAdapter.service(CoyoteAdapter.java:518)
org.apache.coyote.http11.AbstractHttp11Processor.process(AbstractHttp11Processor.java:1091)
org.apache.coyote.AbstractProtocol$AbstractConnectionHandler.process(AbstractProtocol.java:673)
org.apache.tomcat.util.net.NioEndpoint$SocketProcessor.doRun(NioEndpoint.java:1526)
org.apache.tomcat.util.net.NioEndpoint$SocketProcessor.run(NioEndpoint.java:1482)
java.util.concurrent.ThreadPoolExecutor.runWorker(Unknown Source)
java.util.concurrent.ThreadPoolExecutor$Worker.run(Unknown Source)
org.apache.tomcat.util.threads.TaskThread$WrappingRunnable.run(TaskThread.java:61)
java.lang.Thread.run(Unknown Source)

root cause
org.springframework.beans.factory.BeanCreationException: Error creating bean with name 'org.springframework.web.servlet.mvc.method.annotation.RequestMappingHandlerMapping#0': Invocation of init method failed; nested exception is org.springframework.beans.factory.CannotLoadBeanClassException: Cannot find class [com.journaldev.spring.dao.PersonDAOImpl] for bean with name 'personDAO' defined in ServletContext resource [/WEB-INF/spring/appServlet/servlet-context.xml]; nested exception is java.lang.ClassNotFoundException: com.journaldev.spring.dao.PersonDAOImpl
Related cause: org.springframework.beans.factory.CannotLoadBeanClassException: Cannot find class [com.journaldev.spring.dao.PersonDAOImpl] for bean with name 'personDAO' defined in ServletContext resource [/WEB-INF/spring/appServlet/servlet-context.xml]; nested exception is java.lang.ClassNotFoundException: com.journaldev.spring.dao.PersonDAOImpl
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org.springframework.beans.factory.support.AbstractBeanFactory.doGetBean(AbstractBeanFactory.java:300)

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```
org.springframework.context.support.AbstractApplicationContext.finishBeanFactoryInitialization(AbstractApplicationContext.java:760)
org.springframework.context.support.AbstractApplicationContext.refresh(AbstractApplicationContext.java:482)
org.springframework.web.servlet.FrameworkServlet.configureAndRefreshWebApplicationContext(FrameworkServlet.java:658)
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java.util.concurrent.ThreadPoolExecutor.runWorker(Unknown Source)
java.util.concurrent.ThreadPoolExecutor$Worker.run(Unknown Source)
org.apache.tomcat.util.threads.TaskThread$WrappingRunnable.run(TaskThread.java:61)
java.lang.Thread.run(Unknown Source)

root cause
org.springframework.beans.factory.CannotLoadBeanClassException: Cannot find class
[com.journaldev.spring.dao.PersonDAOImpl] for bean with name 'personDAO' defined in ServletContext
resource [/WEB-INF/spring/appServlet/servlet-context.xml]; nested exception is
java.lang.ClassNotFoundException: com.journaldev.spring.dao.PersonDAOImpl
org.springframework.beans.factory.support.AbstractBeanFactory.resolveBeanClass(AbstractBeanFactory.java:1327)
org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.predictBeanType(AbstractAutowireCapableBeanFactory.java:594)
org.springframework.beans.factory.support.AbstractBeanFactory.isFactoryBean(AbstractBeanFactory.java:1396)
org.springframework.beans.factory.support.DefaultListableBeanFactory.doGetBeanNamesForType(DefaultListableBeanFactory.java:385)
org.springframework.beans.factory.support.DefaultListableBeanFactory.getBeanNamesForType(DefaultListableBeanFactory.java:362)
org.springframework.beans.factory.support.DefaultListableBeanFactory.getBeanNamesForType(DefaultListableBeanFactory.java:348)
org.springframework.context.support.AbstractApplicationContext.getBeanNamesForType(AbstractApplicationContext.java:1051)
org.springframework.web.servlet.handler.AbstractHandlerMethodMapping.initHandlerMethods(AbstractHandlerMethodMapping.java:119)
org.springframework.web.servlet.handler.AbstractHandlerMethodMapping.afterPropertiesSet(AbstractHandlerMethodMapping.java:103)
org.springframework.web.servlet.mvc.method.annotation.RequestMappingHandlerMapping.afterPropertiesSet(RequestMappingHandlerMapping.java:126)
org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.invokeInitMethods(AbstractAutowireCapableBeanFactory.java:1612)
org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.initializeBean(AbstractAutowireCapableBeanFactory.java:1549)
```

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org.springframework.beans.factory.support.AbstractBeanFactory$1.getObject(AbstractBeanFactory.java:304)
org.springframework.beans.factory.support.DefaultSingletonBeanRegistry.getSingleton(DefaultSingletonBeanRegistry.java:228)
org.springframework.beans.factory.support.AbstractBeanFactory.doGetBean(AbstractBeanFactory.java:300)
org.springframework.beans.factory.support.AbstractBeanFactory.getBean(AbstractBeanFactory.java:195)
org.springframework.beans.factory.support.DefaultListableBeanFactory.preInstantiateSingletons(DefaultListableBeanFactory.java:703)
org.springframework.context.support.AbstractApplicationContext.finishBeanFactoryInitialization(AbstractApplicationContext.java:760)
org.springframework.context.support.AbstractApplicationContext.refresh(AbstractApplicationContext.java:482)
org.springframework.web.servlet.FrameworkServlet.configureAndRefreshWebApplicationContext(FrameworkServlet.java:658)
org.springframework.web.servlet.FrameworkServlet.createWebApplicationContext(FrameworkServlet.java:624)
org.springframework.web.servlet.FrameworkServlet.createWebApplicationContext(FrameworkServlet.java:672)
org.springframework.web.servlet.FrameworkServlet.initWebApplicationContext(FrameworkServlet.java:543)
org.springframework.web.servlet.FrameworkServlet.initServletBean(FrameworkServlet.java:484)
org.springframework.web.servlet.HttpServletBean.init(HttpServletBean.java:136)
javax.servlet.GenericServlet.init(GenericServlet.java:158)
org.apache.catalina.authenticator.AuthenticatorBase.invoke(AuthenticatorBase.java:502)
org.apache.catalina.valves.ErrorReportValve.invoke(ErrorReportValve.java:79)
org.apache.catalina.valves.AbstractAccessLogValve.invoke(AbstractAccessLogValve.java:616)
org.apache.catalina.connector.CoyoteAdapter.service(CoyoteAdapter.java:518)
org.apache.coyote.http11.AbstractHttp11Processor.process(AbstractHttp11Processor.java:1091)
org.apache.coyote.AbstractProtocol$AbstractConnectionHandler.process(AbstractProtocol.java:673)
org.apache.tomcat.util.net.NioEndpoint$SocketProcessor.doRun(NioEndpoint.java:1526)
org.apache.tomcat.util.net.NioEndpoint$SocketProcessor.run(NioEndpoint.java:1482)
java.util.concurrent.ThreadPoolExecutor.runWorker(Unknown Source)
java.util.concurrent.ThreadPoolExecutor$Worker.run(Unknown Source)
org.apache.tomcat.util.threads.TaskThread$WrappingRunnable.run(TaskThread.java:61)
java.lang.Thread.run(Unknown Source)

root cause
java.lang.ClassNotFoundException: com.journaldev.spring.dao.PersonDAOImpl
org.apache.catalina.loader.WebappClassLoaderBase.loadClass(WebappClassLoaderBase.java:1332)
org.apache.catalina.loader.WebappClassLoaderBase.loadClass(WebappClassLoaderBase.java:1166)
org.springframework.util.ClassUtils.forName(ClassUtils.java:236)
org.springframework.beans.factory.support.AbstractBeanDefinition.resolveBeanClass(AbstractBeanDefinition.java:392)
org.springframework.beans.factory.support.AbstractBeanFactory.doResolveBeanClass(AbstractBeanFactory.java:1348)
org.springframework.beans.factory.support.AbstractBeanFactory.resolveBeanClass(AbstractBeanFactory.java:1319)
org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.predictBeanType(AbstractAutowireCapableBeanFactory.java:594)
org.springframework.beans.factory.support.AbstractBeanFactory.isFactoryBean(AbstractBeanFactory.java:1396)
org.springframework.beans.factory.support.DefaultListableBeanFactory.doGetBeanNamesForType(DefaultListableBeanFactory.java:385)
org.springframework.beans.factory.support.DefaultListableBeanFactory.getBeanNamesForType(DefaultListableBeanFactory.java:362)

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org.springframework.web.servlet.handler.AbstractHandlerMethodMapping.initHandlerMethods(AbstractHandlerMethodMapping.java:119)
org.springframework.web.servlet.handler.AbstractHandlerMethodMapping.afterPropertiesSet(AbstractHandlerMethodMapping.java:103)
org.springframework.web.servlet.mvc.method.annotation.RequestMappingHandlerMapping.afterPropertiesSet(RequestMappingHandlerMapping.java:126)
org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.invokeInitMethods(AbstractAutowireCapableBeanFactory.java:1612)
org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.initializeBean(AbstractAutowireCapableBeanFactory.java:1549)
org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.doCreateBean(AbstractAutowireCapableBeanFactory.java:539)
org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.createBean(AbstractAutowireCapableBeanFactory.java:475)
org.springframework.beans.factory.support.AbstractBeanFactory$1.getObject(AbstractBeanFactory.java:304)
org.springframework.beans.factory.support.DefaultSingletonBeanRegistry.getSingleton(DefaultSingletonBeanRegistry.java:228)
org.springframework.beans.factory.support.AbstractBeanFactory.doGetBean(AbstractBeanFactory.java:300)
org.springframework.beans.factory.support.AbstractBeanFactory.getBean(AbstractBeanFactory.java:195)
org.springframework.beans.factory.support.DefaultListableBeanFactory.preInstantiateSingletons(DefaultListableBeanFactory.java:703)
org.springframework.context.support.AbstractApplicationContext.finishBeanFactoryInitialization(AbstractApplicationContext.java:760)
org.springframework.context.support.AbstractApplicationContext.refresh(AbstractApplicationContext.java:482)
org.springframework.web.servlet.FrameworkServlet.configureAndRefreshWebApplicationContext(FrameworkServlet.java:658)
org.springframework.web.servlet.FrameworkServlet.createWebApplicationContext(FrameworkServlet.java:624)
org.springframework.web.servlet.FrameworkServlet.createWebApplicationContext(FrameworkServlet.java:672)
org.springframework.web.servlet.FrameworkServlet.initWebApplicationContext(FrameworkServlet.java:543)
org.springframework.web.servlet.FrameworkServlet.initServletBean(FrameworkServlet.java:484)
org.springframework.web.servlet.HttpServletBean.init(HttpServletBean.java:136)
javax.servlet.GenericServlet.init(GenericServlet.java:158)
org.apache.catalina.authenticator.AuthenticatorBase.invoke(AuthenticatorBase.java:502)
org.apache.catalina.valves.ErrorReportValve.invoke(ErrorReportValve.java:79)
org.apache.catalina.valves.AbstractAccessLogValve.invoke(AbstractAccessLogValve.java:616)
org.apache.catalina.connector.CoyoteAdapter.service(CoyoteAdapter.java:518)
org.apache.coyote.http11.AbstractHttp11Processor.process(AbstractHttp11Processor.java:1091)
org.apache.coyote.AbstractProtocol$AbstractConnectionHandler.process(AbstractProtocol.java:673)
org.apache.tomcat.util.net.NioEndpoint$SocketProcessor.doRun(NioEndpoint.java:1526)
org.apache.tomcat.util.net.NioEndpoint$SocketProcessor.run(NioEndpoint.java:1482)
java.util.concurrent.ThreadPoolExecutor.runWorker(Unknown Source)
java.util.concurrent.ThreadPoolExecutor$Worker.run(Unknown Source)
org.apache.tomcat.util.threads.TaskThread$WrappingRunnable.run(TaskThread.java:61)
java.lang.Thread.run(Unknown Source)

note The full stack trace of the root cause is available in the Apache Tomcat/8.0.26 logs.

Apache Tomcat/8.0.26

Reply

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Pankaj says
JANUARY 2, 2016 AT 1:40 AM

Can you let me know the Spring and other dependencies versions?
Are you trying to run the project after downloading it from here?

Reply

Navdeep Bansal says
JANUARY 2, 2016 AT 5:33 AM

Hi Pankaj,

I have taken the source code from here and while executing i am getting this exception. I havenot changed anything except postgres configuration which is as below:

postgresql
postgresql
9.1-901-1.jdbc4

and also i have updated context.xml

com.journaldev.spring.model.Person

org.hibernate.dialect.PostgreSQLDialect

and one more thing i just want to ask where we are writing the main class as in where we are specifying the applicationContext so that we can get a bean.?

Reply

Pankaj says
JUNE 4, 2016 AT 7:05 AM

sorry for late response. root cause it clearly showing.

java.lang.ClassNotFoundException: com.journaldev.spring.dao.PersonDAOImpl

Check for some typo errors.

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Niranjan verma says
FEBRUARY 13, 2016 AT 10:03 PM

Hey please check your web.xml file.It should be like that.

contextConfigLocation
/WEB-INF/dispatcher-servlet.xml

org.springframework.web.context.ContextLoaderListener

dispatcher
org.springframework.web.servlet.DispatcherServlet

contextConfigLocation
/WEB-INF/dispatcher-servlet.xml

dispatcher
/

30

person.jsp

Reply

purshottam says
JUNE 1, 2016 AT 4:08 AM

Jun 01, 2016 4:35:02 PM org.apache.catalina.core.AprLifecycleListener init
INFO: The APR based Apache Tomcat Native library which allows optimal performance in production environments was not found on the java.library.path: C:Program FilesJavajdk1.7.0_80bin;C:WindowsSunJavabin;C:Windowssystem32;C:Windows;C:Windowssystem32;C:Windows;C:WindowsSystem32Wbem;C:WindowsSystem32WindowsP FilesTortoiseSVNbin;C:Program FilesJavajdk1.7.0_80bin;;.
Jun 01, 2016 4:35:03 PM org.apache.tomcat.util.digester.SetPropertiesRule begin

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```
Jun 01, 2016 4:35:03 PM org.apache.coyote.AbstractProtocol init
INFO: Initializing ProtocolHandler ["http-bio-9090"]
Jun 01, 2016 4:35:03 PM org.apache.coyote.AbstractProtocol init
INFO: Initializing ProtocolHandler ["ajp-bio-8009"]
Jun 01, 2016 4:35:03 PM org.apache.catalina.startup.Catalina load
INFO: Initialization processed in 828 ms
Jun 01, 2016 4:35:03 PM org.apache.catalina.core.StandardService startInternal
INFO: Starting service Catalina
Jun 01, 2016 4:35:03 PM org.apache.catalina.core.StandardEngine startInternal
INFO: Starting Servlet Engine: Apache Tomcat/7.0.54
Jun 01, 2016 4:35:04 PM org.apache.catalina.util.SessionIdGenerator createSecureRandom
INFO: Creation of SecureRandom instance for session ID generation using [SHA1PRNG] took
[105] milliseconds.
Jun 01, 2016 4:35:06 PM org.apache.catalina.core.ApplicationContext log
INFO: No Spring WebApplicationInitializer types detected on classpath
Jun 01, 2016 4:35:06 PM org.apache.catalina.core.ApplicationContext log
INFO: Initializing Spring root WebApplicationContext
INFO : org.springframework.web.context.ContextLoader – Root WebApplicationContext:
initialization started
INFO : org.springframework.web.context.support.XmlWebApplicationContext – Refreshing Root
WebApplicationContext: startup date [Wed Jun 01 16:35:06 IST 2016]; root of context hierarchy
INFO : org.springframework.beans.factory.xml.XmlBeanDefinitionReader – Loading XML bean
definitions from ServletContext resource [/WEB-INF/spring/root-context.xml]
INFO : org.springframework.web.context.ContextLoader – Root WebApplicationContext:
initialization completed in 335 ms
Jun 01, 2016 4:35:07 PM org.apache.catalina.core.ApplicationContext log
INFO: Initializing Spring FrameworkServlet 'appServlet'
INFO : org.springframework.web.servlet.DispatcherServlet – FrameworkServlet 'appServlet':
initialization started
INFO : org.springframework.web.context.support.XmlWebApplicationContext – Refreshing
WebApplicationContext for namespace 'appServlet-servlet': startup date [Wed Jun 01 16:35:07
IST 2016]; parent: Root WebApplicationContext
INFO : org.springframework.beans.factory.xml.XmlBeanDefinitionReader – Loading XML bean
definitions from ServletContext resource [/WEB-INF/spring/appServlet/servlet-context.xml]
INFO : org.springframework.beans.factory.annotation.AutowiredAnnotationBeanPostProcessor –
JSR-330 'javax.inject.Inject' annotation found and supported for autowiring
INFO :
org.springframework.web.servlet.mvc.method.annotation.RequestMappingHandlerMapping –
Mapped "{[/person],methods=[GET],params=[],headers=[],consumes=[],produces=[],custom=[]}"
```

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```
INFO :
org.springframework.web.servlet.mvc.method.annotation.RequestMappingHandlerMapping –
Mapped "{[/person/add],methods=[POST],params=[],headers=[],consumes=[],produces=
[],custom=[]}" onto public java.lang.String
com.journaldev.spring.PersonController.addPerson(com.journaldev.spring.model.Person)
INFO :
org.springframework.web.servlet.mvc.method.annotation.RequestMappingHandlerMapping –
Mapped "{[/remove/{id}],methods=[],params=[],headers=[],consumes=[],produces=[],custom=[]}"
onto public java.lang.String com.journaldev.spring.PersonController.removePerson(int)
INFO :
org.springframework.web.servlet.mvc.method.annotation.RequestMappingHandlerMapping –
Mapped "{[/edit/{id}],methods=[],params=[],headers=[],consumes=[],produces=[],custom=[]}" onto
public java.lang.String
com.journaldev.spring.PersonController.editPerson(int,org.springframework.ui.Model)
INFO : org.springframework.web.servlet.handler.SimpleUrlHandlerMapping – Mapped URL path
[/resources/**] onto handler
'org.springframework.web.servlet.resource.ResourceHttpRequestHandler#0'
INFO : org.hibernate.annotations.common.Version – HCANN000001: Hibernate Commons
Annotations {4.0.4.Final}
INFO : org.hibernate.Version – HHH000412: Hibernate Core {4.3.5.Final}
INFO : org.hibernate.cfg.Environment – HHH000206: hibernate.properties not found
INFO : org.hibernate.cfg.Environment – HHH000021: Bytecode provider name : javassist
INFO : org.hibernate.dialect.Dialect – HHH000400: Using dialect:
org.hibernate.dialect.MySQLDialect
INFO : org.hibernate.engine.jdbc.internal.LobCreatorBuilder – HHH000423: Disabling contextual
LOB creation as JDBC driver reported JDBC version [3] less than 4
INFO : org.hibernate.engine.transaction.internal.TransactionFactoryInitiator – HHH000399: Using
default transaction strategy (direct JDBC transactions)
INFO : org.hibernate.hql.internal.ast.ASTQueryTranslatorFactory – HHH000397: Using
ASTQueryTranslatorFactory
INFO : org.springframework.web.servlet.DispatcherServlet – FrameworkServlet 'appServlet':
initialization completed in 2596 ms
Jun 01, 2016 4:35:09 PM org.apache.coyote.AbstractProtocol start
INFO: Starting ProtocolHandler ["http-bio-9090"]
Jun 01, 2016 4:35:09 PM org.apache.coyote.AbstractProtocol start
INFO: Starting ProtocolHandler ["ajp-bio-8009"]
Jun 01, 2016 4:35:09 PM org.apache.catalina.startup.Catalina start
INFO: Server startup in 6477 ms
```

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i am faceing problem on tomcat server 1.7 how to resolve this problem...if can you resolve that problem then send me solution

Reply

Pankaj says
JUNE 4, 2016 AT 7:06 AM

URI is /SpringMVCHibernate/persons, please try this.

Reply

chrismsawi says
JUNE 16, 2016 AT 1:16 AM

Hi Pankaj,

I have the same problem and still does not work for me....

Pankaj says
JUNE 16, 2016 AT 2:48 AM

What is the error you are getting? You might have missed something.

Arun MC says

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Hello Team,

You have to add below mentioned jar dependency in pom.xml to auto download mysql jar

mysql
mysql-connector-java
5.1.6

Back to basic.
Yours Arun MC

Reply

Pankaj says
JUNE 4, 2016 AT 7:07 AM

Thanks Arun. I have this jar in tomcat bin directory, so it was not there in pom.xml

Since many users are facing this issue, I have added a note in the post for this.

Reply

anoop says
DECEMBER 27, 2015 AT 11:18 PM

hi,
What if I just want to CRUD operation on name? where I need to do changes

Reply

Pankaj says
JUNE 4, 2016 AT 7:08 AM

Just change the name value, so that only name will be updated. 🙂

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Ankit says
DECEMBER 26, 2015 AT 10:44 PM

This is amazing tutorial. Worked perfectly for me after adding mysql-connector-java-5.1.30 in pom.xml. One question, I didn't understand why we didn't use spring-dispatcher-servlet.xml file. What is the difference between spring-dispatcher-servlet.xml and appServlet/servlet-context.xml

Reply

Rahul Survase says
JANUARY 12, 2016 AT 2:40 AM

both are same. if you have appServlet/servlet-context then you dont need spring-dispatcher-servlet. it creates automatic for maven project.

Reply

Pankaj says
JUNE 4, 2016 AT 7:08 AM

Thanks for the clarification Rahul, you are absolutely correct. We can keep any name and configure it.

Reply

Vibrant says
DECEMBER 25, 2015 AT 2:04 AM

The application is working fine for me. Thank you very much for providing detailed information.

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Rajan says
DECEMBER 31, 2015 AT 7:49 PM

Hi Vibrant- Could please send me the code on below email Id ?

me.rajandayma@gmail.com

Reply

Pankaj says
JUNE 4, 2016 AT 7:09 AM

You can download the project from the link at the end of article. 🙂

Reply

Afjal Ali says
DECEMBER 17, 2015 AT 8:52 AM

Hi all,

i am geting linkage error with wildFly JBoss 9 so any one help me to solve this problem.

INFO : org.springframework.beans.factory.xml.XmlBeanDefinitionReader – Loading XML bean definitions from ServletContext resource [/WEB-INF/spring/appServlet/servlet-context.xml]
17:50:30,042 WARN [org.jboss.modules] (ServerService Thread Pool — 22) Failed to define class org.springframework.transaction.event.TransactionalEventListenerFactory in Module "deployment.paytmkyc_war_exploded.war:main" from Service Module Loader: java.lang.LinkageError: Failed to link org/springframework/transaction/event/TransactionalEventListenerFactory (Module "deployment.paytmkyc_war_exploded.war:main" from Service Module Loader)
at org.jboss.modules.ModuleClassLoader.defineClass(ModuleClassLoader.java:437)
at org.jboss.modules.ModuleClassLoader.loadClassLocal(ModuleClassLoader.java:269)
at org.jboss.modules.ModuleClassLoader$1.loadClassLocal(ModuleClassLoader.java:77)

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```
at
org.jboss.modules.ConcurrentClassLoader.performLoadClassUnchecked(ConcurrentClassLoader.java:455)
at
org.jboss.modules.ConcurrentClassLoader.performLoadClassChecked(ConcurrentClassLoader.java:404)
at org.jboss.modules.ConcurrentClassLoader.performLoadClass(ConcurrentClassLoader.java:385)
at org.jboss.modules.ConcurrentClassLoader.loadClass(ConcurrentClassLoader.java:130)
at
org.springframework.transaction.config.AnnotationDrivenBeanDefinitionParser.registerTransactionalEventListenerFactory(AnnotationDrivenBeanDefinitionParser.java:92)
at
org.springframework.transaction.config.AnnotationDrivenBeanDefinitionParser.parse(AnnotationDrivenBeanDefinitionParser.java:60)
at
org.springframework.beans.factory.xml.NamespaceHandlerSupport.parse(NamespaceHandlerSupport.java:74)
at
org.springframework.beans.factory.xml.BeanDefinitionParserDelegate.parseCustomElement(BeanDefinitionParserDelegate.java:1411)
at
org.springframework.beans.factory.xml.BeanDefinitionParserDelegate.parseCustomElement(BeanDefinitionParserDelegate.java:1401)
at
org.springframework.beans.factory.xml.DefaultBeanDefinitionDocumentReader.parseBeanDefinitions(DefaultBeanDefinitionDocumentReader.java:168)
at
org.springframework.beans.factory.xml.DefaultBeanDefinitionDocumentReader.doRegisterBeanDefinitions(DefaultBeanDefinitionDocumentReader.java:138)
at
org.springframework.beans.factory.xml.DefaultBeanDefinitionDocumentReader.registerBeanDefinitions(DefaultBeanDefinitionDocumentReader.java:94)
at
org.springframework.beans.factory.xml.XmlBeanDefinitionReader.registerBeanDefinitions(XmlBeanDefinitionReader.java:508)
at
org.springframework.beans.factory.xml.XmlBeanDefinitionReader.doLoadBeanDefinitions(XmlBeanDefinitionReader.java:392)
at
org.springframework.beans.factory.xml.XmlBeanDefinitionReader.loadBeanDefinitions(XmlBeanDefinitionReader.java:336)
at
org.springframework.beans.factory.xml.XmlBeanDefinitionReader.loadBeanDefinitions(XmlBeanDefinitionReader.java:304)
at
org.springframework.beans.factory.support.AbstractBeanDefinitionReader.loadBeanDefinitions(AbstractBeanDefinitionReader.java:181)
at
org.springframework.beans.factory.support.AbstractBeanDefinitionReader.loadBeanDefinitions(AbstractBeanDefinitionReader.java:217)
at
org.springframework.beans.factory.support.AbstractBeanDefinitionReader.loadBeanDefinitions(AbstractBeanDefinitionReader.java:188)
at
org.springframework.web.context.support.XmlWebApplicationContext.loadBeanDefinitions(XmlWebApplicationContext.java:125)
at
```

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```
org.springframework.context.support.AbstractRefreshableApplicationContext.refreshBeanFactory(AbstractRefreshableApplicationContext.java:129)
at
org.springframework.context.support.AbstractApplicationContext.obtainFreshBeanFactory(AbstractApplicationContext.java:537)
at
org.springframework.context.support.AbstractApplicationContext.refresh(AbstractApplicationContext.java:452)
at
org.springframework.web.servlet.FrameworkServlet.configureAndRefreshWebApplicationContext(FrameworkServlet.java:663)
at
org.springframework.web.servlet.FrameworkServlet.createWebApplicationContext(FrameworkServlet.java:629)
at
org.springframework.web.servlet.FrameworkServlet.createWebApplicationContext(FrameworkServlet.java:677)
at
org.springframework.web.servlet.FrameworkServlet.initWebApplicationContext(FrameworkServlet.java:548)
at org.springframework.web.servlet.FrameworkServlet.initServletBean(FrameworkServlet.java:489)
at org.springframework.web.servlet.HttpServletBean.init(HttpServletBean.java:136)
at javax.servlet.GenericServlet.init(GenericServlet.java:244)
at io.undertow.servlet.core.LifecycleInterceptorInvocation.proceed(LifecycleInterceptorInvocation.java:117)
at
org.wildfly.extension.undertow.security.RunAsLifecycleInterceptor.init(RunAsLifecycleInterceptor.java:78)
at io.undertow.servlet.core.LifecycleInterceptorInvocation.proceed(LifecycleInterceptorInvocation.java:103)
at io.undertow.servlet.core.ManagedServlet$DefaultInstanceStrategy.start(ManagedServlet.java:230)
at io.undertow.servlet.core.ManagedServlet.createServlet(ManagedServlet.java:131)
at io.undertow.servlet.core.DeploymentManagerImpl.start(DeploymentManagerImpl.java:511)
at
org.wildfly.extension.undertow.deployment.UndertowDeploymentService.startContext(UndertowDeploymentService.java:101)
at
org.wildfly.extension.undertow.deployment.UndertowDeploymentService$1.run(UndertowDeploymentService.java:82)
at java.util.concurrent.Executors$RunnableAdapter.call(Executors.java:511)
at java.util.concurrent.FutureTask.run(FutureTask.java:266)
at java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1142)
at java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:617)
at java.lang.Thread.run(Thread.java:745)
at org.jboss.threads.JBossThread.run(JBossThread.java:320)
Caused by: java.lang.NoClassDefFoundError: org/springframework/context/event/EventListenerFactory
at java.lang.ClassLoader.defineClass1(Native Method)
at java.lang.ClassLoader.defineClass(ClassLoader.java:760)
at org.jboss.modules.ModuleClassLoader.doDefineOrLoadClass(ModuleClassLoader.java:353)
at org.jboss.modules.ModuleClassLoader.defineClass(ModuleClassLoader.java:432)
... 49 more
```

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Pankaj says
JUNE 4, 2016 AT 7:10 AM

Caused by: java.lang.NoClassDefFoundError:
org/springframework/context/event/EventListenerFactory

Seems like you are missing some jar files.

Reply

Víctor Márquez Flores says
DECEMBER 16, 2015 AT 8:51 PM

Fine to me. I implement wiht oracle 11g

I made a maven for oracle jar library ojdbc6.jar

com.oracle
ojdbc6
11.2.0.3.0

Reply

Pankaj says
JUNE 4, 2016 AT 7:11 AM

That's the beauty of hibernate, just change some configs and you are able to switch database vendor. Loosely coupled from database point of view.

Reply

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Sergey says
NOVEMBER 22, 2015 AT 8:39 AM

Thank you very much for the example, but it does not work. After the deploying on my server I have something like this:

HTTP Status 404 –

type: Status report

message

description: The requested resource is not available.

Apache Tomcat/8.0.28

Reply

Pankaj says
JUNE 4, 2016 AT 7:11 AM

Please check the URIs.

Reply

Arjun says
NOVEMBER 21, 2015 AT 1:45 AM

org.springframework.beans.factory.BeanCreationException: Error creating bean with name 'registrationDao' defined in ServletContext resource [/WEB-INF/MyHotelServlet-servlet.xml]: Cannot resolve reference to bean 'hibernate4AnnotatedSessionFactory' while setting bean property 'sessionFactory'; nested exception is org.springframework.beans.factory.BeanCreationException: Error creating bean with name 'hibernate4AnnotatedSessionFactory' defined in ServletContext resource [/WEB-INF/MyHotelServlet-servlet.xml]: Invocation of init method failed; nested exception is java.lang.NoClassDefFoundError: Could not initialize class org.springframework.orm.hibernate4.LocalSessionFactoryBuilder

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org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.applyPropertyValues(AbstractAutowireCapableBeanFactory.java:1481)
org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.populateBean(AbstractAutowireCapableBeanFactory.java:1226)
org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.doCreateBean(AbstractAutowireCapableBeanFactory.java:543)
org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.createBean(AbstractAutowireCapableBeanFactory.java:482)
org.springframework.beans.factory.support.AbstractBeanFactory$1.getObject(AbstractBeanFactory.java:305)
org.springframework.beans.factory.support.DefaultSingletonBeanRegistry.getSingleton(DefaultSingletonBeanRegistry.java:230)
org.springframework.beans.factory.support.AbstractBeanFactory.doGetBean(AbstractBeanFactory.java:301)
org.springframework.beans.factory.support.AbstractBeanFactory.getBean(AbstractBeanFactory.java:196)
org.springframework.beans.factory.support.BeanDefinitionValueResolver.resolveReference(BeanDefinitionValueResolver.java:351)
org.springframework.beans.factory.support.BeanDefinitionValueResolver.resolveValueIfNecessary(BeanDefinitionValueResolver.java:108)
org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.applyPropertyValues(AbstractAutowireCapableBeanFactory.java:1481)
org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.populateBean(AbstractAutowireCapableBeanFactory.java:1226)
org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.doCreateBean(AbstractAutowireCapableBeanFactory.java:543)
org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.createBean(AbstractAutowireCapableBeanFactory.java:482)
org.springframework.beans.factory.support.AbstractBeanFactory$1.getObject(AbstractBeanFactory.java:305)
org.springframework.beans.factory.support.DefaultSingletonBeanRegistry.getSingleton(DefaultSingletonBeanRegistry.java:230)
org.springframework.beans.factory.support.AbstractBeanFactory.doGetBean(AbstractBeanFactory.java:301)
org.springframework.beans.factory.support.AbstractBeanFactory.getBean(AbstractBeanFactory.java:196)
org.springframework.beans.factory.support.DefaultListableBeanFactory.findAutowireCandidates(DefaultListableBeanFactory.java:1145)
org.springframework.beans.factory.support.DefaultListableBeanFactory.doResolveDependency(DefaultListableBeanFactory.java:1069)
org.springframework.beans.factory.support.DefaultListableBeanFactory.resolveDependency(DefaultListableBeanFactory.java:967)
org.springframework.beans.factory.annotation.AutowiredAnnotationBeanPostProcessor$AutowiredMethodElement.inject(AutowiredAnnotationBeanPostProcessor.java:616)
org.springframework.beans.factory.annotation.InjectionMetadata.inject(InjectionMetadata.java:88)
org.springframework.beans.factory.annotation.AutowiredAnnotationBeanPostProcessor.postProcessPropertyValues(AutowiredAnnotationBeanPostProcessor.java:331)
org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.populateBean(AbstractAutowireCapableBeanFactory.java:1214)
org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.doCreateBean(AbstractAutowireCapableBeanFactory.java:543)
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org.springframework.web.servlet.FrameworkServlet.createWebApplicationContext(FrameworkServlet.java:681)
org.springframework.web.servlet.FrameworkServlet.initWebApplicationContext(FrameworkServlet.java:552)
org.springframework.web.servlet.FrameworkServlet.initServletBean(FrameworkServlet.java:493)

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org.apache.catalina.authenticator.AuthenticatorBase.invoke(AuthenticatorBase.java:503)
org.apache.catalina.valves.ErrorReportValve.invoke(ErrorReportValve.java:103)
org.apache.catalina.valves.AccessLogValve.invoke(AccessLogValve.java:950)
org.apache.catalina.connector.CoyoteAdapter.service(CoyoteAdapter.java:421)
org.apache.coyote.http11.AbstractHttp11Processor.process(AbstractHttp11Processor.java:1070)
org.apache.coyote.AbstractProtocol$AbstractConnectionHandler.process(AbstractProtocol.java:611)
org.apache.tomcat.util.net.JIoEndpoint$SocketProcessor.run(JIoEndpoint.java:314)
java.util.concurrent.ThreadPoolExecutor.runWorker(Unknown Source)
java.util.concurrent.ThreadPoolExecutor$Worker.run(Unknown Source)
org.apache.tomcat.util.threads.TaskThread$WrappingRunnable.run(TaskThread.java:61)
java.lang.Thread.run(Unknown Source)

root cause

org.springframework.beans.factory.BeanCreationException: Error creating bean with name 'hibernate4AnnotatedSessionFactory' defined in ServletContext resource [/WEB-INF/MyHotelServlet-servlet.xml]: Invocation of init method failed; nested exception is java.lang.NoClassDefFoundError: Could not initialize class org.springframework.orm.hibernate4.LocalSessionFactoryBuilder
org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.initializeBean(AbstractAutowireCapableBeanFactory.java:1578)
org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.doCreateBean(AbstractAutowireCapableBeanFactory.java:545)
org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.createBean(AbstractAutowireCapableBeanFactory.java:482)
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org.apache.tomcat.util.net.JIoEndpoint$SocketProcessor.run(JIoEndpoint.java:314)
java.util.concurrent.ThreadPoolExecutor.runWorker(Unknown Source)
java.util.concurrent.ThreadPoolExecutor$Worker.run(Unknown Source)
org.apache.tomcat.util.threads.TaskThread$WrappingRunnable.run(TaskThread.java:61)
java.lang.Thread.run(Unknown Source)

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```
java.lang.NoClassDefFoundError: Could not initialize class
org.springframework.orm.hibernate4.LocalSessionFactoryBuilder
org.springframework.orm.hibernate4.LocalSessionFactoryBean.afterPropertiesSet(LocalSessionFactoryBean.java:343)
org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.invokeInitMethods(AbstractAutowireCapableBeanFactory.java:1637)
org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.initializeBean(AbstractAutowireCapableBeanFactory.java:1574)
org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.doCreateBean(AbstractAutowireCapableBeanFactory.java:545)
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org.apache.tomcat.util.threads.TaskThread$WrappingRunnable.run(TaskThread.java:61)
java.lang.Thread.run(Unknown Source)

Help me in this

Reply

Pankaj says
JUNE 4, 2016 AT 7:12 AM

java.lang.NoClassDefFoundError: Could not initialize class
org.springframework.orm.hibernate4.LocalSessionFactoryBuilder

You are missing some jar files.

Reply

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Tom says
NOVEMBER 20, 2015 AT 12:40 PM

I followed your tutorial step-by-step, except used the names for my personal database table, and I'm getting an error (seems like a couple other people had the same issue with no resolution). Any help would be appreciated.

SEVERE: Exception sending context initialized event to listener instance of class org.springframework.web.context.ContextLoaderListener
org.springframework.beans.factory.BeanCreationException: Error creating bean with name 'userProfileController': Injection of autowired dependencies failed; nested exception is org.springframework.beans.factory.BeanCreationException: Could not autowire method: public void com.sonepar.spring.webapp.UserProfileController.setUserProfileService(com.sonepar.spring.webapp.service.UserProfileService); nested exception is org.springframework.beans.factory.NoSuchBeanDefinitionException: No qualifying bean of type [com.sonepar.spring.webapp.service.UserProfileService] found for dependency: expected at least 1 bean which qualifies as autowire candidate for this dependency. Dependency annotations: {}
at org.springframework.beans.factory.annotation.AutowiredAnnotationBeanPostProcessor.postProcessPropertyValues(AutowiredAnnotationBeanPostProcessor.java:334)
at org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.populateBean(AbstractAutowireCapableBeanFactory.java:1214)
at org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.doCreateBean(AbstractAutowireCapableBeanFactory.java:543)
at org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.createBean(AbstractAutowireCapableBeanFactory.java:482)
at org.springframework.beans.factory.support.AbstractBeanFactory$1.getObject(AbstractBeanFactory.java:306)
at org.springframework.beans.factory.support.DefaultSingletonBeanRegistry.getSingleton(DefaultSingletonBeanRegistry.java:230)
at org.springframework.beans.factory.support.AbstractBeanFactory.doGetBean(AbstractBeanFactory.java:302)
at org.springframework.beans.factory.support.AbstractBeanFactory.getBean(AbstractBeanFactory.java:197)
at org.springframework.beans.factory.support.DefaultListableBeanFactory.preInstantiateSingletons(DefaultListableBeanFactory.java:772)
at org.springframework.context.support.AbstractApplicationContext.finishBeanFactoryInitialization(AbstractApplicationContext.java:838)
at org.springframework.context.support.AbstractApplicationContext.refresh(AbstractApplicationContext.java:537)

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at org.springframework.web.context.ContextLoader.initWebApplicationContext(ContextLoader.java:328)
at
org.springframework.web.context.ContextLoaderListener.contextInitialized(ContextLoaderListener.java:107)
at org.apache.catalina.core.StandardContext.listenerStart(StandardContext.java:5003)
at org.apache.catalina.core.StandardContext.startInternal(StandardContext.java:5517)
at org.apache.catalina.util.LifecycleBase.start(LifecycleBase.java:150)
at org.apache.catalina.core.ContainerBase$StartChild.call(ContainerBase.java:1574)
at org.apache.catalina.core.ContainerBase$StartChild.call(ContainerBase.java:1564)
at java.util.concurrent.FutureTask.run(FutureTask.java:266)
at java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1142)
at java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:617)
at java.lang.Thread.run(Thread.java:745)
Caused by: org.springframework.beans.factory.BeanCreationException: Could not autowire method:
public void
com.sonepar.spring.webapp.UserProfileController.setUserProfileService(com.sonepar.spring.webapp.service.UserProfileService);
nested exception is org.springframework.beans.factory.NoSuchBeanDefinitionException: No qualifying
bean of type [com.sonepar.spring.webapp.service.UserProfileService] found for dependency: expected at
least 1 bean which qualifies as autowire candidate for this dependency. Dependency annotations: {}
at
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at org.springframework.beans.factory.annotation.InjectionMetadata.inject(InjectionMetadata.java:88)
at
org.springframework.beans.factory.annotation.AutowiredAnnotationBeanPostProcessor.postProcessPropertyValues(AutowiredAnnotationBeanPostProcessor.java:331)
... 22 more
Caused by: org.springframework.beans.factory.NoSuchBeanDefinitionException: No qualifying bean of
type [com.sonepar.spring.webapp.service.UserProfileService] found for dependency: expected at least 1
bean which qualifies as autowire candidate for this dependency. Dependency annotations: {}
at
org.springframework.beans.factory.support.DefaultListableBeanFactory.raiseNoSuchBeanDefinitionException(DefaultListableBeanFactory.java:1373)
at
org.springframework.beans.factory.support.DefaultListableBeanFactory.doResolveDependency(DefaultListableBeanFactory.java:1119)
at
org.springframework.beans.factory.support.DefaultListableBeanFactory.resolveDependency(DefaultListableBeanFactory.java:1014)
at
org.springframework.beans.factory.annotation.AutowiredAnnotationBeanPostProcessor$AutowiredMethodElement.inject(AutowiredAnnotationBeanPostProcessor.java:618)
... 24 more

Reply

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NOVEMBER 20, 2015 AT 7:01 PM

No Bean definition found, please check your bean configurations.

Reply

albert says
NOVEMBER 16, 2015 AT 10:07 AM

Thank you, its working for me.
In model, person, table name is Person instead of PERSON (@Table(name="PERSON"))

Reply

Pankaj says
JUNE 4, 2016 AT 7:13 AM

ideally table names should be case insensitive.

Reply

Fakher Hakim says
NOVEMBER 9, 2015 AT 12:26 AM

Hello
I'm getting this error when i run the application:
org.springframework.beans.factory.BeanCreationException: Error creating bean with name 'org.springframework.web.servlet.mvc.method.annotation.RequestMappingHandlerMapping#0': Invocation of init method failed; nested exception is org.springframework.beans.factory.CannotLoadBeanClassException: Cannot find class [com.journaldev.spring.dao.PersonDAOImpl] for bean with name 'personDAO' defined in ServletContext resource [/WEB-INF/spring/appServlet/servlet-context.xml]; nested exception is

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[com.journaldev.spring.dao.PersonDAOImpl] for bean with name 'personDAO' defined in ServletContext resource [/WEB-INF/spring/appServlet/servlet-context.xml]; nested exception is java.lang.ClassNotFoundException: com.journaldev.spring.dao.PersonDAOImpl
Related cause: org.springframework.beans.factory.CannotLoadBeanClassException: Cannot find class [com.journaldev.spring.service.PersonServiceImpl] for bean with name 'personService' defined in ServletContext resource [/WEB-INF/spring/appServlet/servlet-context.xml]; nested exception is java.lang.ClassNotFoundException: com.journaldev.spring.service.PersonServiceImpl .....

i checked the servlet-context.xml but every thing is OK. what the problem ??

Reply

Fakher Hakim says
NOVEMBER 9, 2015 AT 1:05 AM

i resolved this problem by deleting the interfaces in package DAO and Service

Reply

Rajesh says
OCTOBER 26, 2015 AT 11:46 PM

Awesome Example perfectly working....

Reply

dandu says
DECEMBER 22, 2015 AT 4:26 AM

updade,delete,edit,....not working could u tell me what is problem...select is working

Reply

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Pankaj says
DECEMBER 22, 2015 AT 7:40 AM

check if your database user has required privileges? also what is the error you are getting? did u commit the changes?

Reply

nacho says
OCTOBER 26, 2015 AT 3:45 PM

what happens if i want the same thing using two or more tables? i have to do the same twice?

Reply

Pankaj says
JUNE 4, 2016 AT 7:14 AM

For that we have Spring Transaction Management.

Reply

Ilton says
OCTOBER 9, 2015 AT 6:05 PM

Nice tutorial. Thank you very much!

Reply

BG says
OCTOBER 12, 2015 AT 11:42 AM

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Reply

Pankaj says
JUNE 4, 2016 AT 7:15 AM

Thanks guys.

Reply

guest says
SEPTEMBER 30, 2015 AT 11:44 PM

Hi Sir Please post a detailed answer for how to set welcome page as most of us are getting 404 error.

Reply

Pankaj says
OCTOBER 1, 2015 AT 3:13 AM

Hi, If you are in the stage of learning Spring, Hibernate frameworks then I would think you should know about ServletContext, welcome page, accessing correct URLs etc.

1. ServletContext or application context – it's the WAR file name in Tomcat, so if your war file name is test.war, then automatically it's located at host:port/test

2. Welcome page can be set in the web.xml file, for example.

```
<welcome-file-list>
   <welcome-file>index.html</welcome-file>
</welcome-file-list>
```

3. URLs are already there in the images, just follow them.

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Marco says
OCTOBER 28, 2015 AT 2:39 AM

Hello Pankaj, I am following your guardians, even if nn understand English well, however, are really good.
In SpringMVCHibernate app that I imported on eclipse, after creating the database TestDB and three columns (one I phpMyAdmin).
When you start the application from queso error in the console:
WARN: org.springframework.web.servlet.PageNotFound – No mapping found for HTTP request with URI [/ SpringMVCHibernate /] in DispatcherServlet with name 'appServlet' and the browser with url – http: // localhost: 8080 / SpringMVCHibernate / with HTTP Error Status report, null message and descizione The Requested resource is not available.
Do you know how can I do? Thanks …

Reply

Pankaj says
OCTOBER 28, 2015 AT 7:14 AM

What is the WAR file name in your Tomcat server. This is because of servlet context of your application.

Reply

Maddy says
AUGUST 30, 2016 AT 11:42 PM

Can you explain this step. about war files and servlet context of the application...in simpler terms. thanks in advance

gangadhar says
DECEMBER 9, 2015 AT 2:45 AM

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Reply

Lucas says
SEPTEMBER 18, 2015 AT 6:58 AM

Great tutorial, dude. Thanks a lot!

Reply

bala says
SEPTEMBER 18, 2015 AT 12:32 AM

it works for me. Nice article thank u sir .awesome tutorial website

Reply

Dair says
SEPTEMBER 6, 2015 AT 7:42 PM

I imported using maven and run it works perfect. thanks

Reply

Adit says
SEPTEMBER 3, 2015 AT 10:36 AM

hai i couldnt your project.. i have error

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Why to resolved..?

Thanks

Reply

Carlos Cunarro says
SEPTEMBER 29, 2015 AT 5:31 AM

This problem is because you should check in pom the property final name (it is referenced by property artifact id). Check this property has same name as folder that Tomcat deploys your application (.metadata/.plugins/org.eclipse.wst.server.core/tmp0/wtpwebapps/XXX). After doing this and running maven install and then run on server it should be fixed. And try to access XXX/persons url.

Hope this helps

Reply

Andrew says
SEPTEMBER 3, 2015 AT 6:26 AM

Thank you for the CRUD example!

I see you are using hidden form fields to maintain state of non-editable entity fields. Is there any other (recommended) way to create CRUD forms that only partially edit an entity?

If that entity had, for instance, a BLOB field, it would not pass through the form as a hidden input element and would be lost upon every update, correct? How would you approach creating a form for such an entity?

Thank you,
Andrew

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Subramanya says
SEPTEMBER 2, 2015 AT 10:17 AM

Thanks It works. As suggested above, changed the pom to include mysql connector . Created test db.

Reply

Sachin says
AUGUST 22, 2015 AT 5:19 AM

No mapping found for HTTP request with URI [/SpringMvcHibernate/] in DispatcherServlet with name 'appServlet'

Reply

Omunt says
SEPTEMBER 24, 2015 AT 3:55 PM

I also got the same error, I had to do Maven Install in order to generate correctly the application. If you are using Eclipse you can try as I did, go to the project, right click, run as Maven Install. Once is done, then proceed to run on server.

Good luck!

Reply

Shaikh Hussain says
AUGUST 18, 2015 AT 7:46 AM

without maven.

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Shaikh Hussain says
AUGUST 18, 2015 AT 7:45 AM

Hello Sir,

i am new to Spring and Hibernate. I want to integrate Spring 3.0 with Hibernate 3.2. But i do not have any idea how to do that. Sir if and only if possible can you provide me a simple example Spring with Hibernate using MVC architecture with annotation.

Its humble request sir.

Thank You.

Reply

Raichand Ray says
AUGUST 9, 2015 AT 9:49 PM

Dear Sir,
Very Good Tutorial.
Please modify it to include Date of Birth property.
Also use primefaces .Those will be very much helpful to newbies

Thanks
Raichand Ray

Reply

Aabid Husain says
AUGUST 6, 2015 AT 3:05 AM

Good exposure, but not for spring fresher, a lot of jar files have to be added in project, so i suggest that you have to show an image of jar files in this tutorial, It would be great helpful, Thank you sir.

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Pankaj says
AUGUST 6, 2015 AT 11:43 PM

To avoid adding jars manually, we are using Maven.

Reply

shikha srivastava says
JULY 26, 2015 AT 8:44 PM

what is the url to execute this code?

Reply

Isaac says
JULY 23, 2015 AT 4:33 PM

Muy buenos post gracias, aprendemos mucho de tu trabajo sigue adelante compartiendo el conocimiento.

Reply

Nilesh Vadaliya says
JULY 19, 2015 AT 11:22 PM

Thankss broo..... 😕

Reply

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Regarding the 404 errors that people are encountering, I found that I was hitting a 404 error when I was trying to run tomcat out of Eclipse. When I copy-pasted the project war file to the tomcat webapps folder and then ran tomcat from the command prompt, the web app functioned properly.

So, my steps are as follows:
1. Run “mvn clean install” from the command prompt
2. Navigate to the folder that the war file was created in. In my case it was under the .../SpringMVCHibernate/target folder. The command prompt should say where the war file was created.
3. Copy-paste this war file to your tomcat webapps folder. In my case I keep it under C:\tools\apache-tomcat-7.0.62\webapps
4. Run tomcat from the command line. The command is “startup.bat”. This assumes you have the CATALINA_HOME system variable set up properly.

The web app worked after this. Gave myself a headache trying to figure out what was wrong with my code.

Reply

Dev says
AUGUST 25, 2015 AT 8:45 PM

That was very helpful, what is the URL.. localhost:8080/

Reply

Peter says
JUNE 30, 2015 AT 7:48 AM

Why do you use @Autowired(required=true) @Qualifier(value="personService") , and not PersonServiceImpl ?The personService is not only the interface ?

Reply

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JUNE 16, 2015 AT 11:59 AM

Thank you Pankaj for this wonderful tutorial.
I imported the project to eclipse and did all the steps required as Aatif did.
I got to the index.jsp where it says Click to enter.
When I click I got the error of 404 resource not available.
Please note this is the first time I'm trying spring, hibernate.

Any help will be appreciated.

Thanks

Reply

Ravi Rajput says
JUNE 10, 2015 AT 3:28 AM

appServlet
/

This gives an error in mapping resource not found plz tell me about this problem

Reply

DEVIPRASAD HEGDE says
JUNE 7, 2015 AT 3:44 AM

Hi Pankaj

Great work. Worked perfectly once i added the sql connectoe dependency. Thanks a lot fro your efforts.

Reply

Mamatha Gurram says
JUNE 8, 2015 AT 7:11 PM

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please help me.

Thanks.
Mamtha

Reply

Mamatha Gurram says
JUNE 5, 2015 AT 7:58 AM

Hi Pankaj,
When i am trying to execute the application its showing 404 error .Can you please help me out with this problem.

Thanks in Advance,
Mamtha

Reply

Prashant says
MAY 27, 2015 AT 9:35 PM

Another question..How do we know whether DB connected or not , any log messages for this? I am using Oracle 11g.

Thanks..

Reply

Prashant says
MAY 30, 2015 AT 5:38 AM

Hi Pankaj,

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1).How do we know whether DB connected or not , any log messages for this? I am using Oracle 11g.
2)Below Exception

java.lang.IllegalStateException: Neither BindingResult nor plain target object for bean name 'person' available as request attribute
org.springframework.web.servlet.support.BindStatus.(BindStatus.java:144)
org.springframework.web.servlet.tags.form.AbstractDataBoundFormElementTag.getBindStatus(AbstractDataBoundFormElementTag.java:168)
org.springframework.web.servlet.tags.form.AbstractDataBoundFormElementTag.getPropertyPath(AbstractDataBoundFormElementTag.java:188)
org.springframework.web.servlet.tags.form.LabelTag.autogenerateFor(LabelTag.java:130)
org.springframework.web.servlet.tags.form.LabelTag.resolveFor(LabelTag.java:120)
org.springframework.web.servlet.tags.form.LabelTag.writeTagContent(LabelTag.java:90)
org.springframework.web.servlet.tags.form.AbstractFormTag.doStartTagInternal(AbstractFormTag.java:84)
org.springframework.web.servlet.tags.RequestContextAwareTag.doStartTag(RequestContextAwareTag.java:80)
org.apache.jsp.index_jsp._jspx_meth_form_005flabel_005f1(index_jsp.java:427)
org.apache.jsp.index_jsp._jspx_meth_form_005fform_005f0(index_jsp.java:180)
org.apache.jsp.index_jsp._jspService(index_jsp.java:108)
org.apache.jasper.runtime.HttpJspBase.service(HttpJspBase.java:70)
javax.servlet.http.HttpServlet.service(HttpServlet.java:722)
org.apache.jasper.servlet.JspServletWrapper.service(JspServletWrapper.java:419)
org.apache.jasper.servlet.JspServlet.serviceJspFile(JspServlet.java:391)
org.apache.jasper.servlet.JspServlet.service(JspServlet.java:334)
javax.servlet.http.HttpServlet.service(HttpServlet.java:722)

Reply

Prashant says
MAY 30, 2015 AT 8:18 AM

Please somebody reply to my above query…

Thanks.
Prashant

Reply

Omunt says
SEPTEMBER 24, 2015 AT 3:52 PM

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need to change it to the corresponding correct dialect. I checked and it seems that this should be org.hibernate.dialect.Oracle9iDialect, taken from here http://stackoverflow.com/questions/4369944/hibernate-dialect-for-oracle-database-11g.

Reply

Suraj Singh says
MAY 23, 2015 AT 9:56 AM

Awesome stuff. Thanks bro.

Reply

Ankush says
MAY 11, 2015 AT 6:22 AM

Thanks pankaj sir.
U r doing fantastic job for us.

Reply

Venkat says
MAY 8, 2015 AT 9:11 AM

Hi Pankaj,

You are doing a tremendous job.
Thanks a lot for all the CONTENT..

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Thanks,
Venkat

Reply

Manoj says
MAY 2, 2015 AT 2:28 PM

Hi Pankaj,

Thanks for above given nice example. But i have one issue, when i try to start the tomcat 6.0 in STS. It gives this below given error:- can u help me for this (I am unable to start the Tomcat)

java.lang.reflect.InvocationTargetException
at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
at sun.reflect.NativeMethodAccessorImpl.invoke(Unknown Source)
at sun.reflect.DelegatingMethodAccessorImpl.invoke(Unknown Source)
at java.lang.reflect.Method.invoke(Unknown Source)
at org.apache.catalina.startup.Bootstrap.load(Bootstrap.java:261)
at org.apache.catalina.startup.Bootstrap.main(Bootstrap.java:413)
Caused by: java.lang.NoClassDefFoundError: org/apache/juli/logging/LogFactory
at org.apache.tomcat.util.digester.Digester.(Digester.java:326)
at org.apache.catalina.startup.Catalina.createStartDigester(Catalina.java:253)
at org.apache.catalina.startup.Catalina.load(Catalina.java:474)
at org.apache.catalina.startup.Catalina.load(Catalina.java:562)
… 6 more
Caused by: java.lang.ClassNotFoundException: org.apache.juli.logging.LogFactory
at java.net.URLClassLoader.findClass(Unknown Source)
at java.lang.ClassLoader.loadClass(Unknown Source)
at java.lang.ClassLoader.loadClass(Unknown Source)
… 10 more

Thanks.

Reply

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APRIL 30, 2015 AT 2:19 AM

Hi Pankaj,

It was a great article..... 🙂 mysql connector dependency is missing in ur pom.xml .....

Reply

serban says
APRIL 29, 2015 AT 8:40 AM

Hi Pankaj,

I used your example but with two classes(book and review) instead of one (person) and I receive an error (below) if i have @Controlled annotation on both classes. If i delete it from one it works but it says No mapping found for HTTP request with URI [/BookReviewApp/] in DispatcherServlet with name 'servlet'.

```
ERROR: org.springframework.web.servlet.DispatcherServlet - Context
initialization failed
org.springframework.beans.factory.BeanCreationException: Error creating bean
with name
'org.springframework.web.servlet.mvc.method.annotation.RequestMappingHandlerMapping#0':
Invocation of init method failed; nested exception is
java.lang.IllegalStateException: Ambiguous mapping found. Cannot map
'reviewController' bean method
public java.lang.String
com.bookReview.app.ReviewController.editReview(int,org.springframework.ui.Model)
to {[/edit/{id}],methods=[],params=[],headers=[],consumes=[],produces=[],custom=
[]}: There is already 'bookController' bean method
public java.lang.String
com.bookReview.app.BookController.editBook(int,org.springframework.ui.Model)
mapped.
```

Thank you,
Serban

Reply

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Osama says
APRIL 28, 2015 AT 9:41 AM

Thank you very much, finally I found a working example connecting SpringMVC with Hibernate and Maven

Reply

Sachin Parse says
APRIL 24, 2015 AT 4:16 AM

Very nice example.

I am getting this error:

WARN : org.springframework.web.servlet.PageNotFound – No mapping found for HTTP request with URI [/SpringMVCHibernate/] in DispatcherServlet with name 'appServlet'

Give me solution.

Reply

Stefania says
JUNE 22, 2015 AT 5:44 AM

you have to call: /SpringMVCHibernate/persons

Reply

Hernando says
APRIL 22, 2015 AT 12:40 PM

Friend've noticed that not told web.xml as every application should contain, I can explain why?

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Jz says
APRIL 20, 2015 AT 5:47 PM

Hey! Thank you so much for this wonderful tutorial. Clear and concise. I will now try to integrate this with AngularJS or BackboneJS! For those people encountering database connection-related exceptions, just add mysql Maven dependency to your pom.xml (I added version 5.1.32)

Again. Thank you sir! Cheers from the Philippines!

Reply

Anas says
APRIL 7, 2015 AT 7:05 AM

Hi Pankaj, I'm using Glassfish and I got this error :

Error An error has occurred
Exception while loading the app : java.lang.Exception: java.lang.IllegalStateException: ContainerBase.addChild: start: org.apache.catalina.LifecycleException: org.apache.catalina.LifecycleException: java.lang.ClassNotFoundException: com.journaldev.spring.dao.PersonDAOImpl

Please Help !!

Reply

Andy says
APRIL 1, 2015 AT 4:48 AM

java.lang.IllegalStateException: BeanFactory not initialized or already closed – call 'refresh' before accessing beans via the ApplicationContext
at org.springframework.context.support.AbstractRefreshableApplicationContext.getBeanFactory(AbstractRefreshableApplicationContext.java:170)

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at
org.springframework.context.support.AbstractApplicationContext.doClose(AbstractApplicationContext.java:895)
at
org.springframework.context.support.AbstractApplicationContext.close(AbstractApplicationContext.java:841)
at org.springframework.web.context.ContextLoader.closeWebApplicationContext(ContextLoader.java:579)
at
org.springframework.web.context.ContextLoaderListener.contextDestroyed(ContextLoaderListener.java:115)
at org.apache.catalina.core.StandardContext.listenerStop(StandardContext.java:4819)
at org.apache.catalina.core.StandardContext.stopInternal(StandardContext.java:5466)
at org.apache.catalina.util.LifecycleBase.stop(LifecycleBase.java:232)
at org.apache.catalina.util.LifecycleBase.start(LifecycleBase.java:160)
at org.apache.catalina.core.ContainerBase$StartChild.call(ContainerBase.java:1566)
at org.apache.catalina.core.ContainerBase$StartChild.call(ContainerBase.java:1556)
at java.util.concurrent.FutureTask$Sync.innerRun(FutureTask.java:303)
at java.util.concurrent.FutureTask.run(FutureTask.java:138)
at java.util.concurrent.ThreadPoolExecutor$Worker.runTask(ThreadPoolExecutor.java:886)
at java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:908)
at java.lang.Thread.run(Thread.java:619)

I am gettinf these error….

Reply

someone says
MARCH 31, 2015 AT 6:10 AM

Great job my friend, thank you so much !

Reply

zodiac says
MARCH 22, 2015 AT 9:48 AM

Hello, Pankaj! Can you add Search button to your application? Search button is for searching person by name.

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Luna says
MARCH 21, 2015 AT 10:18 AM

Thanks a LOOOOT for this tutorial !!! It helped me so much! I tried a lot of others tutorials before, and none of them worked…
I just added this in the pom.xml :

mysql
mysql-connector-java
5.1.32

And I modified the credentials in servlet-context.xml, and now everything is fine!!
I saw in other tutorials that we can use java class instead of xml files for configuration, are you considering this solution for your projects ?
Thanks again!

Reply

Vaibhav Mittal says
MARCH 20, 2015 AT 3:30 AM

addPerson function in DAOImpl is not working for me.

I tried below two different ways and both are working:
1. Session session = this.sessionFactory.getCurrentSession(); // or openSession()
session.save(p);
2. Session session = this.sessionFactory.getCurrentSession();
Transaction tx = session.beginTransaction();
session.persist(p);
tx.commit();

Please check at your end and change code in above DAO accordingly. It will help others.

Reply

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abhay deva says
FEBRUARY 23, 2015 AT 6:02 AM

Nice Article .it's very simple to understand to spring mvc flow.
Thank you Pankaj.

Reply

Naveen says
MARCH 19, 2015 AT 1:03 AM

This is realy good to undersstand spring MVC Web Flow. Thanks Pankaj

Reply

KARTIK AGARWAL says
FEBRUARY 19, 2015 AT 5:56 PM

sir its giving me error

java.lang.IllegalStateException: Neither BindingResult nor plain target object for bean name 'person' available as request attribute
org.springframework.web.servlet.support.BindStatus.(BindStatus.java:141)
org.springframework.web.servlet.tags.form.AbstractDataBoundFormElementTag.getBindStatus(AbstractDataBoundFormElementTag.java:178)
org.springframework.web.servlet.tags.form.AbstractDataBoundFormElementTag.getPropertyPath(AbstractDataBoundFormElementTag.java:198)
org.springframework.web.servlet.tags.form.LabelTag.autogenerateFor(LabelTag.java:129)
org.springframework.web.servlet.tags.form.LabelTag.resolveFor(LabelTag.java:119)
org.springframework.web.servlet.tags.form.LabelTag.writeTagContent(LabelTag.java:89)
org.springframework.web.servlet.tags.form.AbstractFormTag.doStartTagInternal(AbstractFormTag.java:102)
org.springframework.web.servlet.tags.RequestContextAwareTag.doStartTag(RequestContextAwareTag.java:79)

org.apache.jsp.person_jsp._jspx_meth_form_005flabel_005f1(person_jsp.java:425)
org.apache.jsp.person_jsp._jspx_meth_form_005fform_005f0(person_jsp.java:197)
org.apache.jsp.person_jsp._jspService(person_jsp.java:131)
org.apache.jasper.runtime.HttpJspBase.service(HttpJspBase.java:70)
javax.servlet.http.HttpServlet.service(HttpServlet.java:803)

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org.apache.jasper.servlet.JspServlet.service(JspServlet.java:266)
javax.servlet.http.HttpServlet.service(HttpServlet.java:803)

Reply

Srikanth Vengala says
FEBRUARY 17, 2015 AT 3:22 AM

Hi Pankaj, when I run your application locally, I got this exception org.springframework.beans.factory.BeanDefinitionStoreException: Unexpected exception parsing XML document from ServletContext resource [/WEB-INF/spring/appServlet/servlet-context.xml]; nested exception is java.lang.NoClassDefFoundError: org/springframework/aop/config/AopNamespaceUtils at org.springframework.beans.factory.xml.XmlBeanDefinitionReader.doLoadBeanDefinitions(XmlBeanDefinitionReader.java:412)

Reply

Arnaldo Vicente says
FEBRUARY 8, 2015 AT 8:25 AM

I need understand how to integrate : Hibernate , Spring MVC with MySQL in NetBeans. Is urgent, if someone have solution code, please send me.

Reply

Purba says
FEBRUARY 3, 2015 AT 12:25 PM

Hi Pankaj,

It is nice and concise article. Can you please explain about the client side validation i.e JavaScript integration with Spring MVC?

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Andrew says
FEBRUARY 2, 2015 AT 11:56 PM

Empty root-context.xml was a source of errors, I've changed path in web.xml to "/WEB-INF/spring/appServlet/servlet-context.xml".

Also had a problem with deploying using Eclipse(number of jars should be added to classpath manually), so deploy manually or use maven.

Last problem was that pom.xml doesn't have a dependency for mysql jdbc driver.

Reply

Barstu says
MARCH 13, 2015 AT 8:11 AM

Thank you very much 🙂 It works now.

Reply

Gururaj says
FEBRUARY 2, 2015 AT 9:16 PM

Too many ads.. I am feeling lite bet uncomfortable.
Many thanks! Clear and concise and works well!

Reply

Jarek says
JANUARY 22, 2015 AT 5:14 AM

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sty 22, 2015 12:43:34 PM org.apache.catalina.core.ApplicationContext log
INFO: No Spring WebApplicationInitializer types detected on classpath
sty 22, 2015 12:43:34 PM org.apache.catalina.core.ApplicationContext log
plz look into this

INFO: Initializing Spring root WebApplicationContext
sty 22, 2015 12:43:34 PM org.apache.catalina.core.ApplicationContext log
INFO: Initializing Spring FrameworkServlet 'appServlet'
sty 22, 2015 12:45:15 PM org.apache.catalina.core.ApplicationContext log
INFO: Destroying Spring FrameworkServlet 'spring'
sty 22, 2015 12:45:16 PM org.apache.catalina.core.ApplicationContext log
INFO: No Spring WebApplicationInitializer types detected on classpath
sty 22, 2015 12:45:16 PM org.apache.catalina.core.ApplicationContext log
INFO: Initializing Spring FrameworkServlet 'spring'

Reply

Vikash says
JANUARY 19, 2015 AT 8:21 PM

Hi,

It is working in tomcat/webapps installation but not on Eclipse.
In eclipse it doesnt give the below logs, that is the reason it is not starting up. Anyone any guess why??

Jan 13, 2015 10:37:55 PM org.apache.catalina.core.ApplicationContext log
INFO: Initializing Spring root WebApplicationContext
INFO : org.springframework.web.context.ContextLoader – Root WebApplicationContext: initialization started

Also can anybody explain here how sessionFactory.getCurrentSession() is working in this application. No session was opened in it.

Many many thanks in Advance . .

Reply

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Abiy says
JANUARY 14, 2015 AT 11:25 PM

Many thanks! Clear and concise and works well!

Reply

Ty says
JANUARY 11, 2015 AT 5:47 PM

Hello,

Where did you download the hibernate and sfl4j jars. The package's dont match. I cant find one that does.

Thank You

Reply

Herry says
JANUARY 8, 2015 AT 2:27 AM

Hello Pankaj,

I've tried your code and seem it doesnt work for me.

There is error code, you can see it in the following : https://www.scribd.com/doc/252024844/Error

Currently I'm using Netbeans 8.0.1, Apache Tomcat 8.0.9.0, what should I do?

Thanks..

Regards,
Herry

Reply

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chetan choudhary says
DECEMBER 21, 2014 AT 2:14 AM

Hi,

I downloaded your code and imported it in my spring tool suite

Aim: what i am trying to do:
1. create a spring mvc project in STS by the ready made default template
2. trying Integrate hibernate with it so that i can integrate hibernate by my self without copying any ready made projects

Problem faced:

As per your pom file i have included the two hibernate dependencies, 1 apache dbcp dependency, 1 spring orm dependency

Now when i try to use annotations like @entity i get error because the javax.persistance is not present in my project.

in your downloaded project there is hibernate-jpa-2.1-api-1.0.0.Final-sources.jar in your maven dependencies library but not in pom file.

Did you add it externally? if yes then why not included in pom.

Please explain the significance of all jars in downloaded project and dependencies in pom and why some jars are present in maven dependencies but not in pom.xml

Reply

kailas says
DECEMBER 18, 2014 AT 2:21 AM

I have download this project and deployed it on Apache tomcat. It's run perfectly but my question is that no need to add mysql-connector-java jar.
Please answer me. Is there any support in any jar file which you had used in this demo?

Reply

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Pankaj says
DECEMBER 18, 2014 AT 3:26 AM

Oviously it's needed for creating MySQLDB connection, i have this jar in server lib. So i dont need that in the project.

Reply

Hamid says
DECEMBER 14, 2014 AT 1:45 PM

DOESN'T FUNCTION. waste of time!!!

Reply

Hamid says
DECEMBER 14, 2014 AT 3:07 PM

with some changes, which i don't understand, it functioned. thanks anyway!!

Reply

Shalom says
DECEMBER 2, 2014 AT 9:34 AM

Hi,
I am newbie in spring, maven so sorry fir this basic question
I try to implement your solution but in my context.xml I got this error:

No setter found for property 'sessionFactory' in class … when I define the DAO bean.
Same error with the service.

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com.domitik.domitikCDB.model.Box

org.hibernate.dialect.MySQL5Dialect
true

the

When I try to run my application I got this exception:
8:50:54.309 [localhost-startStop-1] ERROR o.s.web.context.ContextLoader – Context initialization failed
org.springframework.beans.factory.BeanCreationException: Error creating bean with name 'boxControllers': Injection of autowired dependencies failed; nested exception is org.springframework.beans.factory.BeanCreationException: Could not autowire field: com.domitik.DomitikWS.services.BoxService com.domitik.DomitikWS.controllers.BoxControllers.boxService; nested exception is org.springframework.beans.factory.NoSuchBeanDefinitionException: No qualifying bean of type [com.domitik.DomitikWS.services.BoxService] found for dependency: expected at least 1 bean which qualifies as autowire candidate for this dependency. Dependency annotations: {@org.springframework.beans.factory.annotation.Autowired(required=true)}
at org.springframework.beans.factory.annotation.AutowiredAnnotationBeanPost…

Thanks for your help

Reply

Shalom says
DECEMBER 2, 2014 AT 9:38 AM

Sorry some context.xml was truncated…

com.domitik.domitikCDB.model.Box

org.hibernate.dialect.MySQL5Dialect
true

the

Reply

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Daniel says
NOVEMBER 28, 2014 AT 8:36 AM

You software does not respond anything, I have had a problem with error 404.

tomcat não acusa erro, mas não existe retorno da pagina jsp.

Reply

Daniel says
NOVEMBER 28, 2014 AT 8:37 AM

tomcat does not accuse error, but there is no return of the jsp page.

Reply

Rikenson says
NOVEMBER 27, 2014 AT 11:48 PM

What is the content of root-context.xml

Reply

Den says
NOVEMBER 25, 2014 AT 11:24 AM

Thank you very much for tutorial. Almost all right! But when I start progect, i have an error 404
No mapping found for HTTP request with URI [/SpringMVCHibernate/] in DispatcherServlet, if I write by hands address /persons all is work! where I need to look. (In servlet-context.xml i change nothing).

Reply

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FEBRUARY 9, 2015 AT 8:32 AM

Waiting for youre answer

Reply

Pankaj says
FEBRUARY 9, 2015 AT 11:03 AM

Sorry for late response, you need to understand URI. Since there is no home page defined, you get error if you go to web application home page. If you don't want, just put index.html or any other welcome-page in web.xml to avoid this.

Reply

Hero says
APRIL 14, 2015 AT 2:11 AM

How can be remove 404 error in detailed steps...

Reply

vaibhav says
JUNE 13, 2015 AT 10:56 PM

Hi guys,

I got the error in eclipse :
org.springframework.web.servlet.PageNotFound – No mapping found for HTTP request with URI [/spring/] in DispatcherServlet with name 'appServlet'

please help me how can resolve this problem.

Thanks

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Rohit says
NOVEMBER 16, 2014 AT 12:28 PM

hi Pankaj,

Thanks for the wonderful tutorials!

I tried writing a SpringMVC-Hibernate application following this tutorial. Everything goes fine but i get an exception
org.hibernate.HibernateException: No Session found for current thread
when i try to do
Session session = this.sessionFactory.getCurrentSession(); in DAOImpl class
Execution goes fine without any exception if I replace it with
Session session = this.sessionFactory.openSession();

I see we are not creating any session in the tutorial. How are we getting a session?
Please explain.

thanks in advance.

-Rohit

Reply

Pankaj says
NOVEMBER 16, 2014 AT 9:41 PM

We are getting the session from Spring ORM, as configured below.

<beans:bean id="hibernate4AnnotatedSessionFactory"
class="org.springframework.orm.hibernate4.LocalSessionFactoryBean">

Check this class source and you might find something causing the issue.

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Reply

Suraj says
NOVEMBER 6, 2014 AT 4:07 AM

When I do a maven build , I get the error :Fatal error compiling: tools.jar not found

Plz help

Reply

Omunt says
SEPTEMBER 24, 2015 AT 3:57 PM

I got the same problem also, it's because your eclipse is pointing to a JRE Java version not a JDK.
http://stackoverflow.com/questions/25185634/maven-build-failed-fatal-error-compiling-tools-jar-not-found

Reply

Hemanth says
OCTOBER 30, 2014 AT 1:48 AM

Hi pankaj,

To fix below error i added below dependency

org.hibernate.javax.persistence
hibernate-jpa-2.1-api
1.0.0.Draft-6

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Please help.

Reply

Pankaj says
OCTOBER 30, 2014 AT 6:15 PM

What is your java version. The issue seems to be with incompatible versions.

Reply

Mitesh Manani says
NOVEMBER 2, 2014 AT 9:43 AM

Your Application Server is using JPA version 2.0 whereas you have built your application with JPA version 2.1. Thanks the problem.

Reply

Hemanth says
NOVEMBER 2, 2014 AT 10:06 AM

Hi Pankaj,

It's java version 1.7

Reply

Hemanth says
NOVEMBER 5, 2014 AT 2:32 AM

Hi Pankaj,

I am using java version 1.7

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Reply

vadym says
FEBRUARY 9, 2015 AT 7:44 PM

in pom

4.2.8.Final
or earlier

Reply

Hemanth says
OCTOBER 30, 2014 AT 1:07 AM

Hi pankaj,

I am getting the below error

Caused by: java.lang.NoSuchMethodError: javax.persistence.Table.indexes()[Ljavax/persistence/Index;

Please help.

Reply

Sergey says
OCTOBER 28, 2014 AT 12:06 PM

Hi, Pankaj.

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Why can't we just have "PersonServiceImpl" (with better name — "PersonService"). We already provide the layer of data access ("PersonDAO" and "PersonDAOImpl"), so why we need to create another redundant interface if we could use one class (in your case "PersonServiceImpl") that can invoke interface methods?

I hope, I've explained my point to you

Reply

Vipul says
OCTOBER 22, 2014 AT 3:10 AM

I am getting following error, Pls anyone help me to resolve this..

org.springframework.beans.factory.xml.XmlBeanDefinitionStoreException: Line 14 in XML document from ServletContext resource [/WEB-INF/spring/appServlet/servlet-context.xml] is invalid; nested exception is org.xml.sax.SAXParseException; lineNumber: 14; columnNumber: 23; cvc-complex-type.2.4.c: The matching wildcard is strict, but no declaration can be found for element 'annotation-driven'.

Reply

Vipul says
OCTOBER 22, 2014 AT 3:12 AM

And one more exception i have faced at the time of starting tomcat server..

org.springframework.beans.factory.xml.XmlBeanDefinitionStoreException: Line 18 in XML document from ServletContext resource [/WEB-INF/spring/appServlet/servlet-context.xml] is invalid; nested exception is org.xml.sax.SAXParseException; lineNumber: 18; columnNumber: 64; cvc-complex-type.2.4.c: The matching wildcard is strict, but no declaration can be found for element 'resources'.

Reply

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Bikash says
OCTOBER 20, 2014 AT 4:09 AM

Hi Pankaj, what is need of root-context.xml?

Reply

Abhi says
OCTOBER 20, 2014 AT 3:41 AM

How about an example of Select queries with join conditions and more tables involved? basically a real time example would be ideal

thanks in advance

Reply

fix says
OCTOBER 19, 2014 AT 11:37 AM

create
Why it not work?
Hbiernate not create a table (((
Work only by using sql script.

Reply

Manjula says
APRIL 1, 2016 AT 4:54 AM

hi Fix,

I got the same problem.

You should add the following line to the hibernate properties in the Spring configuration(xml) file.

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Reply

Priya says
OCTOBER 15, 2014 AT 4:37 PM

Pankaj, thanks for a wonderful and well explained article.

Is there a way we can have a query which can get us a Person using name field and using the same DAO method structure ??

Reply

Sagar Mali says
OCTOBER 14, 2014 AT 7:14 AM

Hi Pankaj,

Good Article.

Suppose here, i have another class “Address” and if i want to implement “one-to-many” relationship here with person has multiple addresses. Mean while adding person, i want to add multiple addresses on above html form , so please help me to implement changes in above files.

Reply

sandeep k says
OCTOBER 13, 2014 AT 5:10 AM

Hi Pankaj,
I am looking programmatically and declarative transaction management (for hibernate and spring) example. Can you describe in a blog if one transaction get failed second transaction automatic get reverted.

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Reply

Hemanth says
OCTOBER 30, 2014 AT 2:58 AM

Hello Sundeep,

Look at the below link .

http://dtr-trading.blogspot.in/2014/02/spring-mvc-4-and-hibernate-4.html

Reply

tammy says
OCTOBER 9, 2014 AT 2:36 PM

Hello Pankaj,
I too am getting the same errors as kernelfreak. Please can you advise us on how to resolve these issues?
Many thanks.

Reply

Marq W says
OCTOBER 9, 2014 AT 11:31 AM

Worked flawlessly for me.

Thank you very much for taking the time to post this!

Marq

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Alex says
OCTOBER 9, 2014 AT 9:38 AM

Thanks for doing this tutorial. I'd agree with Murali's suggestion of an extra tutorial, showing changes to the controller and adding a second table to the model.

Regards
Alex

Reply

Gopalkrishna says
SEPTEMBER 28, 2014 AT 12:06 PM

Hi,

Pankaj

i was facing problem even after changing all requirements like username and password created same database as u given in above example error is.
HTTP Status 500 – Request processing failed; nested exception is org.springframework.transaction.CannotCreateTransactionException: Could not open Hibernate Session for transaction; nested exception is org.hibernate.exception.GenericJDBCException: Could not open connection.

please help me as soon as possible.

Thanks and Regards
Gopalkrishna

Reply

Pankaj says
SEPTEMBER 28, 2014 AT 12:23 PM

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Reply

Aatif says
SEPTEMBER 16, 2014 AT 11:34 PM

I downloaded the project and successfully ran it after making a couple of bellow changes –

1. Import project in eclipse. (Any, i used eclipse)
2. Include MySql connector dependency in pom.xml file as it is missing there.

mysql
mysql-connector-java
5.1.32

3. Update Project Dependencies – RightClick On Project –> Maven –> Update
3. Change username and password properties in servlet-context.xml file according to yours.
4. Create DB with 'testdb' name.
5. Clean, compile and Install project by running bellow maven commands on the console.
mvn clean compile, mvn install.
6. Run the project on tomcat server (You can use other server also but i have used tomcat.)
7. Application is ready at URL – `http://localhost:8080/SpringMVCHibernate/persons` Cheers.!!
🙂

Reply

Pankaj says
SEPTEMBER 17, 2014 AT 2:12 AM

Hi Aatif,

Thanks for the detailed comment, I missed adding MySQL Driver jar in project pom.xml file because it's part of my Tomcat lib directory. In most of the real life scenarios, we use JNDI DataSource configured in the container and for that we need to have driver jars in the container lib directory.

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Reply

Sandeep says
NOVEMBER 3, 2015 AT 7:19 PM

Hello Aatif
I did everything that you said but still I am getting
WARN : org.springframework.web.servlet.PageNotFound – No mapping found for HTTP request with URI [/spring/] in DispatcherServlet with name 'appServlet'

Reply

Lokesh Kumar says
SEPTEMBER 16, 2014 AT 4:29 AM

I'm run this program on NetBeans IDE 8.0 , Whenever run this program problem is occuring like this:

Severe: Exception while loading the app
Severe: Undeployment failed for context /EMD
Severe: Exception while loading the app : java.lang.IllegalStateException: ContainerBase.addChild: start: org.apache.catalina.LifecycleException: org.apache.catalina.LifecycleException: org.springframework.beans.factory.NoSuchBeanDefinitionException: No qualifying bean of type [com.jindal.emd.model.Person] found for dependency: expected at least 1 bean which qualifies as autowire candidate for this dependency. Dependency annotations: {@org.springframework.web.bind.annotation.ModelAttribute(value=person)}

Reply

Rizwan Mursaleen says
SEPTEMBER 15, 2014 AT 9:40 PM

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Reply

Pankaj says
SEPTEMBER 15, 2014 AT 9:46 PM

Download the project, for some files where we don't have anything Spring specific, I might have excluded them.

Reply

Santosh Shingare says
SEPTEMBER 14, 2014 AT 11:24 PM

Hi,Pankaj,

I am getting this one, when web page is loaded.

HTTP Status 404 –
type Status report
message
description The requested resource is not available.
Apache Tomcat/7.0.55

WARN : org.springframework.web.servlet.PageNotFound – No mapping found for HTTP request with URI [/spring/] in DispatcherServlet with name 'appServlet'

********** Web.xml **********

contextConfigLocation
/WEB-INF/spring/root-context.xml

org.springframework.web.context.ContextLoaderListener

appServlet
org.springframework.web.servlet.DispatcherServlet

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appServlet
/

Reply

John Tsun says
SEPTEMBER 14, 2014 AT 9:22 PM

I got errors when trying to run it:

org.springframework.beans.factory.BeanDefinitionStoreException: IOException parsing XML document from ServletContext resource [/WEB-INF/applicationContext.xml]; nested exception is java.io.FileNotFoundException: Could not open ServletContext resource [/WEB-INF/applicationContext.xml]
at
… …
Caused by: java.io.FileNotFoundException: Could not open ServletContext resource [/WEB-INF/applicationContext.xml]

do we need applicationContext.xml file?

Reply

Kernelfreak says
SEPTEMBER 8, 2014 AT 5:29 AM

I am getting the following error when i am using your code in Eclipse.

java.lang.ClassNotFoundException: com.journaldev.spring.dao.PersonDAOImpl

java.lang.ClassNotFoundException: com.journaldev.spring.service.PersonServiceImpl

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happin_boy says
SEPTEMBER 2, 2014 AT 8:10 PM

how to deploy the project? should I create a new meaven project and move all your files to run? waiting for your response!

Reply

Pankaj says
SEPTEMBER 2, 2014 AT 8:47 PM

Just build the project using Maven command "mvn clean install" or use your IDE to export as WAR file and deploy in the container, here I am using tomcat.

Reply

Naveen says
APRIL 17, 2015 AT 2:10 AM

I have configured this project in eclipse.For running i am following:
Run As–>Maven Build ::: clean install

But build failing with below error:
"Failed to execute goal org.apache.maven.plugins:maven-war-plugin:2.2:war (default-war) on project SpringHibernateWeb: Error assembling WAR: webxml attribute is required (or pre-existing WEB-INF/web.xml if executing in update mode) -> [Help 1]"
I have web.xml at required place.
Can you please advise as what I am missing?

Reply

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Hi pankaj,

can you a post an example to edit multiple records at one shot and save it to database using spring mvc and hibernate.

Reply

Pankaj says
AUGUST 26, 2014 AT 11:24 AM

Why another example, you can extend this one to update multiple records in one go. All you need is small UI changes and Hibernate business logic changes to update multiple records.

Reply

chitra says
AUGUST 12, 2014 AT 1:00 AM

Hi pankaj,

Can you please help me. i am using the above code but i shows this
HTTP Status 500 – Servlet.init() for servlet appServlet threw exception and i don't know why i got this error.

Reply

Asis says
JULY 24, 2014 AT 10:54 PM

can u plz draw the flow of the class digram as per the Spring MVC Hibernate MySQL Integration CRUD Example Tutorial ,

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Reply

micheal says
JULY 27, 2014 AT 9:09 PM

Are you able to execute the above code?

Reply

john says
JULY 22, 2014 AT 10:45 PM

please look into this

ERROR [org.springframework.web.servlet.DispatcherServlet] (MSC service thread 1-4) Context initialization failed: org.springframework.beans.factory.BeanCreationException: Error creating bean with name 'hibernate4AnnotatedSessionFactory' defined in ServletContext resource [/WEB-INF/spring/appServlet/servlet-context.xml]: Invocation of init method failed; nested exception is java.lang.NoClassDefFoundError: javax/persistence/NamedStoredProcedureQuery

Reply

Anas says
APRIL 7, 2015 AT 5:12 AM

Please help !! I got this error :

Error An error has occurred
Exception while loading the app : java.lang.Exception: java.lang.IllegalStateException: ContainerBase.addChild: start: org.apache.catalina.LifecycleException: org.apache.catalina.LifecycleException: java.lang.ClassNotFoundException: com.journaldev.spring.dao.PersonDAOImpl

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john says
JULY 22, 2014 AT 9:51 PM

Thanks for your reply pankaj,
after adding

in standalone.xml jboss waringin was suppressed but now i have another problem.

Context initialization failed: org.springframework.beans.factory.BeanCreationException: Error creating bean with name 'hibernate4AnnotatedSessionFactory' defined in ServletContext resource [/WEB-INF/spring/appServlet/servlet-context.xml]: Invocation of init method failed; nested exception is java.lang.NoSuchMethodError: javax.persistence.Table.indexes()[Ljavax/persistence/Index;

i googled and added asm.jar and cglib-nodep-2.1_3.jar but no use.
please help
thanks in advance

Reply

John says
JULY 21, 2014 AT 3:11 AM

I downloaded the project and deployed on jboss, not able to execute, please help

Reply

John says
JULY 21, 2014 AT 2:55 AM

I downloaded the project and deployed on jboss, not able to execute, please help

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org.jboss.as.server.deployment.DeploymentUnitProcessingException: JBAS011054: Could not find default constructor for class org.springframework.web.context.request.async.StandardServletAsyncWebRequest
at org.jboss.as.ee.component.ComponentDescription$DefaultComponentConfigurator.configure(ComponentDescription.java:606)
at org.jboss.as.ee.component.deployers.EEModuleConfigurationProcessor.deploy(EEModuleConfigurationProcessor.java:81)
at org.jboss.as.server.deployment.DeploymentUnitPhaseService.start(DeploymentUnitPhaseService.java:113) [jboss-as-server-7.1.0.Final.jar:7.1.0.Final]
at org.jboss.msc.service.ServiceControllerImpl$StartTask.startService(ServiceControllerImpl.java:1811) [jboss-msc-1.0.2.GA.jar:1.0.2.GA]
at org.jboss.msc.service.ServiceControllerImpl$StartTask.run(ServiceControllerImpl.java:1746) [jboss-msc-1.0.2.GA.jar:1.0.2.GA]
at java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1110) [rt.jar:1.7.0_02]
at java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:603) [rt.jar:1.7.0_02]
at java.lang.Thread.run(Thread.java:722) [rt.jar:1.7.0_02]

Reply

Pankaj says
JULY 21, 2014 AT 6:46 AM

It might just be a warning, check out this thread on SO.

http://stackoverflow.com/questions/13786685/spring3-2-and-jboss-as-7

Reply

Sankalp says
APRIL 6, 2015 AT 12:41 AM

I don't know why i am getting this error… I had used :

org.springframework.beans.factory.BeanCreationException: Error creating bean with name 'sessionFactory' defined in ServletContext resource [/WEB-INF/spring-servlet.xml]: Error setting property values; nested exception is org.springframework.beans.NotWritablePropertyException: Invalid property 'configurationClass' of bean class [org.springframework.orm.hibernate4.LocalSessionFactoryBean]: Bean property

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org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.applyPropertyValues(AbstractAutowireCapableBeanFactory.java:1453)
org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.populateBean(AbstractAutowireCapableBeanFactory.java:1158)
org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.doCreateBean(AbstractAutowireCapableBeanFactory.java:519)
org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.createBean(AbstractAutowireCapableBeanFactory.java:458)
org.springframework.beans.factory.support.AbstractBeanFactory$1.getObject(AbstractBeanFactory.java:296)
org.springframework.beans.factory.support.DefaultSingletonBeanRegistry.getSingleton(DefaultSingletonBeanRegistry.java:223)
org.springframework.beans.factory.support.AbstractBeanFactory.doGetBean(AbstractBeanFactory.java:293)
org.springframework.beans.factory.support.AbstractBeanFactory.getBean(AbstractBeanFactory.java:194)
org.springframework.beans.factory.support.DefaultListableBeanFactory.preInstantiateSingletons(DefaultListableBeanFactory.java:610)
org.springframework.context.support.AbstractApplicationContext.finishBeanFactoryInitialization(AbstractApplicationContext.java:932)
org.springframework.context.support.AbstractApplicationContext.refresh(AbstractApplicationContext.java:479)
org.springframework.web.servlet.FrameworkServlet.configureAndRefreshWebApplicationContext(FrameworkServlet.java:651)
org.springframework.web.servlet.FrameworkServlet.createWebApplicationContext(FrameworkServlet.java:599)
org.springframework.web.servlet.FrameworkServlet.createWebApplicationContext(FrameworkServlet.java:665)
org.springframework.web.servlet.FrameworkServlet.initWebApplicationContext(FrameworkServlet.java:518)
org.springframework.web.servlet.FrameworkServlet.initServletBean(FrameworkServlet.java:459)
org.springframework.web.servlet.HttpServletBean.init(HttpServletBean.java:136)
javax.servlet.GenericServlet.init(GenericServlet.java:158)
org.apache.catalina.authenticator.AuthenticatorBase.invoke(AuthenticatorBase.java:504)
org.apache.catalina.valves.ErrorReportValve.invoke(ErrorReportValve.java:103)
org.apache.catalina.valves.AccessLogValve.invoke(AccessLogValve.java:950)
org.apache.catalina.connector.CoyoteAdapter.service(CoyoteAdapter.java:421)
org.apache.coyote.http11.AbstractHttp11Processor.process(AbstractHttp11Processor.java:1074)
org.apache.coyote.AbstractProtocol$AbstractConnectionHandler.process(AbstractProtocol.java:611)
org.apache.tomcat.util.net.JIoEndpoint$SocketProcessor.run(JIoEndpoint.java:316)
java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1142)
java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:617)
org.apache.tomcat.util.threads.TaskThread$WrappingRunnable.run(TaskThread.java:61)
java.lang.Thread.run(Thread.java:745)
root cause

org.springframework.beans.NotWritablePropertyException: Invalid property 'configurationClass' of bean class [org.springframework.orm.hibernate4.LocalSessionFactoryBean]: Bean property 'configurationClass' is not writable or has an invalid setter method. Does the parameter type of the setter match the return type of the getter?
org.springframework.beans.BeanWrapperImpl.setPropertyValue(BeanWrapperImpl.java:1042)
org.springframework.beans.BeanWrapperImpl.setPropertyValue(BeanWrapperImpl.java:902)
org.springframework.beans.AbstractPropertyAccessor.setPropertyValues(AbstractPropertyAccessor.java:75)
org.springframework.beans.AbstractPropertyAccessor.setPropertyValues(AbstractPropertyAccessor.java:57)

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org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.doCreateBean(AbstractAutowireCapableBeanFactory.java:519)
org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.createBean(AbstractAutowireCapableBeanFactory.java:458)
org.springframework.beans.factory.support.AbstractBeanFactory$1.getObject(AbstractBeanFactory.java:296)
org.springframework.beans.factory.support.DefaultSingletonBeanRegistry.getSingleton(DefaultSingletonBeanRegistry.java:223)
org.springframework.beans.factory.support.AbstractBeanFactory.doGetBean(AbstractBeanFactory.java:293)
org.springframework.beans.factory.support.AbstractBeanFactory.getBean(AbstractBeanFactory.java:194)
org.springframework.beans.factory.support.DefaultListableBeanFactory.preInstantiateSingletons(DefaultListableBeanFactory.java:610)
org.springframework.context.support.AbstractApplicationContext.finishBeanFactoryInitialization(AbstractApplicationContext.java:932)
org.springframework.context.support.AbstractApplicationContext.refresh(AbstractApplicationContext.java:479)
org.springframework.web.servlet.FrameworkServlet.configureAndRefreshWebApplicationContext(FrameworkServlet.java:651)
org.springframework.web.servlet.FrameworkServlet.createWebApplicationContext(FrameworkServlet.java:599)
org.springframework.web.servlet.FrameworkServlet.createWebApplicationContext(FrameworkServlet.java:665)
org.springframework.web.servlet.FrameworkServlet.initWebApplicationContext(FrameworkServlet.java:518)
org.springframework.web.servlet.FrameworkServlet.initServletBean(FrameworkServlet.java:459)
org.springframework.web.servlet.HttpServletBean.init(HttpServletBean.java:136)
javax.servlet.GenericServlet.init(GenericServlet.java:158)
org.apache.catalina.authenticator.AuthenticatorBase.invoke(AuthenticatorBase.java:504)
org.apache.catalina.valves.ErrorReportValve.invoke(ErrorReportValve.java:103)
org.apache.catalina.valves.AccessLogValve.invoke(AccessLogValve.java:950)
org.apache.catalina.connector.CoyoteAdapter.service(CoyoteAdapter.java:421)
org.apache.coyote.http11.AbstractHttp11Processor.process(AbstractHttp11Processor.java:1074)
org.apache.coyote.AbstractProtocol$AbstractConnectionHandler.process(AbstractProtocol.java:611)
org.apache.tomcat.util.net.JIoEndpoint$SocketProcessor.run(JIoEndpoint.java:316)
java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1142)
java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:617)
org.apache.tomcat.util.threads.TaskThread$WrappingRunnable.run(TaskThread.java:61)
java.lang.Thread.run(Thread.java:745)

Reply

Prashant says
MAY 27, 2015 AT 9:30 PM

Hi Pankaj,

I am getting below error…
Please help on this..

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org.springframework.web.servlet.support.BindStatus.(BindStatus.java:141)
org.springframework.web.servlet.tags.form.AbstractDataBoundFormElementTag.getBindStatus(AbstractDataBoundFormElementTag.java:178)
org.springframework.web.servlet.tags.form.AbstractDataBoundFormElementTag.getPropertyPath(AbstractDataBoundFormElementTag.java:198)
org.springframework.web.servlet.tags.form.LabelTag.autogenerateFor(LabelTag.java:129)
org.springframework.web.servlet.tags.form.LabelTag.resolveFor(LabelTag.java:119)
org.springframework.web.servlet.tags.form.LabelTag.writeTagContent(LabelTag.java:89)
org.springframework.web.servlet.tags.form.AbstractFormTag.doStartTagInternal(AbstractFormTag.java:102)
org.springframework.web.servlet.tags.RequestContextAwareTag.doStartTag(RequestContextAwareTag.java:79)

org.apache.jsp.person_jsp._jspx_meth_form_005flabel_005f1(person_jsp.java:425)
org.apache.jsp.person_jsp._jspx_meth_form_005fform_005f0(person_jsp.java:197)
org.apache.jsp.person_jsp._jspService(person_jsp.java:131)
org.apache.jasper.runtime.HttpJspBase.service(HttpJspBase.java:70)
javax.servlet.http.HttpServlet.service(HttpServlet.java:803)
org.apache.jasper.servlet.JspServletWrapper.service(JspServletWrapper.java:393)
org.apache.jasper.servlet.JspServlet.serviceJspFile(JspServlet.java:320)
org.apache.jasper.servlet.JspServlet.service(JspServlet.java:266)
javax.servlet.http.HttpServlet.service(HttpServlet.java:803)

Thanks
Prashanth

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