|  |  |  |
| --- | --- | --- |
| Date | Error /Query | Solution |
| 29 Sept 2016 | How to create simple Hello World! Mvc java project? | 1. Create new workspace 2. Define new server >> specify installation directory for tomcat server >> add jdk definition 3. Open new maven project >> choose workspace location >> select maven-archtype-webapp 4. Go to pom.xml >>Paste dependencies required for project |
| The content of element type "web-app" must match "(icon?,display-name?,description?,distributable?,context-  param\*,filter\*,filter-mapping\*,listener\*,servlet\*,servlet-mapping\*,session-config?,mime-mapping\*,welcome-  file-list?,error-page\*,taglib\*,resource-env-ref\*,resource-ref\*,security-constraint\*,login-config?,security-  role\*,env-entry\*,ejb-ref\*,ejb-local-ref\*)". | Paste this:  <?xml version="1.0" encoding="UTF-8"?>  <web-app xmlns="http://java.sun.com/xml/ns/javaee"  version="2.5"  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">  instead of :  <!DOCTYPE web-app PUBLIC  "-//Sun Microsystems, Inc.//DTD Web Application 2.3//EN"  "http://java.sun.com/dtd/web-app\_2\_3.dtd" >  <web-app></web-app> |
| Multiple annotations found at this line: - cvc-elt.1: Cannot find the declaration of element 'beans'. - schema\_reference.4: Failed to read schema document 'http://www.springframework.org/schema/ beans/spring-beans.xsd', because 1) could not find the document; 2) the document could not be read; 3) the root element of the document is not <xsd:schema>. - http://www.springframework.org/schema/context/spring-context.xsd"> | Go to:  http://stackoverflow.com/questions/28895990/schema-reference-failed-to-read-schema  I just could remove this warning by changing this on my applicationContext.xml :  <beans xmlns="http://www.springframework.org/schema/beans"  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"  xmlns:tx="http://www.springframework.org/schema/tx"  xmlns:context="http://www.springframework.org/schema/context"  xmlns:aop="http://www.springframework.org/schema/aop"  xmlns:util="http://www.springframework.org/schema/util"  xsi:schemaLocation="http://www.springframework.org/schema/beans  http://www.springframework.org/schema/beans/spring-beans.xsd  ">  by  <beans xmlns="http://www.springframework.org/schema/beans"  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"  xmlns:tx="http://www.springframework.org/schema/tx"  xmlns:context="http://www.springframework.org/schema/context"  xmlns:aop="http://www.springframework.org/schema/aop"  xmlns:util="http://www.springframework.org/schema/util"  xsi:schemaLocation="http://www.springframework.org/schema/beans  http://www.springframework.org/schema/beans/spring-beans-4.0.xsd  ">  because (from what I read) when using the first we try to load the latest version that is releast and that could not be supported by the version that we actualy use or does not existe !! |
| 30Sept 2016 | The superclass "javax.servlet.http.HttpServlet" was not found on the Java Build Path | go to http://crunchify.com/simplest-spring-mvc-hello-world-example-tutorial-spring-model-view-controller-tips/ |
| No mapping found for HTTP request with URI [/shopping/] in DispatcherServlet with name 'dispatcher' | Add this at the bottom line of dispatcher-servlet.xml before </beans>  <mvc:default-servlet-handler/> |
| Handler processing failed; nested exception is java.lang.NoClassDefFoundError: javax/servlet/jsp/jstl/core/Config | <http://stackoverflow.com/questions/15113628/java-lang-classnotfoundexception-javax-servlet-jsp-jstl-core-config>  The error is telling you it cannot find the class because it is not available in your application.  If you are using Maven, make sure you have the dependency for jstl artifact:  <dependency>  <groupId>javax.servlet</groupId>  <artifactId>jstl</artifactId>  <version>1.2</version>  </dependency> |
| 02Oct2016 | how to create a new workspace in eclipse / import old project in new workspace | use File -> Switch Workspace -> Other... and type in my new workspace name.  Once in the new workspace, File -> Import... and under General choose "Existing Projects into Workspace. Press the Next button and then Browse for the old projects you would like to import. Check "Copy projects into workspace" to make a copy. |
| How to include bootstrap in eclipse | Copy paste files in src/main/resources. |
| Port 8080 required by Tomcat v9.0 Server at localhost is already in use. The server may already be running in another process, or a system process may be using the port. To start this server you will need to stop the other process or change the port number(s). | <http://stackoverflow.com/questions/5064733/several-ports-8005-8080-8009-required-by-tomcat-server-at-localhost-are-alre>  To change the port go to the Server view, open **server.xml** and change the port there. |
| Server Tomcat v9.0 Server at localhost failed to start. |  |
| An internal error occurred during: "Initializing Java Tooling".  java.lang.NullPointerException |  |
| 04Oct2016 | Multiple annotations found at this line:  - schema\_reference.4: Failed to read schema document 'http://www.springframework.org/schema/  mvc/spring-mvc-4.1.xsd', because 1) could not find the document; 2) the document could not be read; 3) the  root element of the document is not <xsd:schema>.  - <mvc:annotation-driven />  - cvc-complex-type.2.4.c: The matching wildcard is strict, but no declaration can be found for element  'mvc:annotation-driven'. | Deleted Multiple annotations:    <beans xmlns="http://www.springframework.org/schema/beans"  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:mvc="http://www.springframework.org/schema/mvc"  xmlns:websocket="http://www.springframework.org/schema/websocket"  xmlns:webflow="http://www.springframework.org/schema/webflow-config"  xmlns:context="http://www.springframework.org/schema/context" xmlns:tx="http://www.springframework.org/schema/tx"  xsi:schemaLocation="http://www.springframework.org/schema/beans  http://www.springframework.org/schema/beans/spring-beans.xsd  http://www.springframework.org/schema/mvc  http://www.springframework.org/schema/mvc/spring-mvc.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  http://www.springframework.org/schema/websocket  http://www.springframework.org/schema/websocket/spring-websocket.xsd  http://www.springframework.org/schema/webflow-config  http://www.springframework.org/schema/webflow-config/spring-webflow-config-2.0.xsd"> |
| 05Oct 2016 | Exception java.lang.ClassNotFoundException: org.apache.commons.dbcp.BasicDataSource | http://stackoverflow.com/questions/25886231/exception-java-lang-classnotfoundexception-org-apache-commons-dbcp-basicdatasou  Your problem is Caused by: java.lang.ClassNotFoundException: org.apache.commons.dbcp.BasicDataSource on "dataSource" bean.  If using maven add this dependency  <dependency>  <groupId>commons-dbcp</groupId>  <artifactId>commons-dbcp</artifactId>  <version>1.2.2</version>  </dependency>  else add this library commons-dbcp-jar in your classpath. |
| 6.10. 2016 | Error creating bean with name 'hibernate4AnnotatedSessionFactory' defined  in ServletContext resource  [/WEB-INF/monespace.xml]: Initialization of bean failed;  nested exception is org.springframework.beans.TypeMismatchException:  Failed to convert property value of type [java.util.ArrayList]  to required type [java.lang.Class[]] for property 'annotatedClasses';  nested exception is java.lang.IllegalArgumentException:  Cannot find class [com.monespace.model] | http://forum.spring.io/forum/spring-projects/data/79419-propertyaccessexception-spring-hibernate-integration  alternative is that you can remove the annotated classes property and try adding the following :  Code:  <property name="packagesToScan" value="com.vaannila.domain"/>  I would also request you to check if you are having the necessary jars required for this project to run successfully. |
| 7.10. 2016 | Cannot resolve reference to bean 'hibernate4AnnotatedSessionFactory'  while setting bean property 'sessionFactory';  nested exception is org.springframework.beans.factory.NoSuchBeanDefinitionException:  No bean named 'hibernate4AnnotatedSessionFactory' is defined | Move your config inside your dispatcher-servlet.xml into another xml file called root-servlet.xml (the name doesn't actually matter, what matters is that you move it to a new file).  Leave the dispatcher-servlet.xml file blank.  Then inside your web.xml add the new XML file after you list your ApplicationContext.xml  It should look like this:  <context-param>  <param-name>contextConfigLocation</param-name>  <param-value>classpath:ApplicationContext.xml</param-value>  <param-value>classpath:root-servlet.xml</param-value>  <context-param>  What is happening, is that the servlet is running the code inside your dispatcher-servlet.xml before its running your ApplicationContext.xml file.  So the dataSource bean doesn't exist yet. By running ApplciationContext.xml first, you will create the bean, so it will be available. |
| 8.10. 2016 | <props><prop key="hibernate.hbm2ddl.auto">update</prop>  <prop key="hibernate.dialect">org.hibernate.dialect.H2Dialect</prop>  <prop key="hibernate.format\_sql">true</prop>  <prop key="hibernate.show\_sql">true</prop></props> | The hirarchy was wrongly placed  <props><prop key="hibernate.dialect">org.hibernate.dialect.H2Dialect</prop>  <prop key="hibernate.hbm2ddl.auto">update</prop>  <prop key="hibernate.format\_sql">true</prop>  <prop key="hibernate.show\_sql">true</prop></props> |
| 10.10. 2016 | Error configuring application listener of class  org.springframework.web.context.ContextLoaderListener | Goto:  http://howtodoinjava.com/random-exceptions/solved-java-lang-classnotfoundexception-org-springframework-web-context-contextloaderlistener/  If you are working on a web application based on spring which  requires use of org.springframework.web.context.ContextLoaderListener in web.xml file  and you are getting this exception when you start the server.  This exception is more likely when you are working on eclipse or possibly on other such IDE.  Solution >>>  Reason 1)  Possibly you have not added the spring web dependencies in your project. Just add them if you have not.  Reason 2)  If you are still getting this exception then you must add these dependencies to project deployment assembly as well.  To add dependencies in deployment assembly follow below instructions.  1) Open project properties and select Choose Deployment Assembly. Then select option “Java Build Path Entries”.  2) Click Next and select all jar files. Click Finish.  3) Deployment assembly will look like this. Click Apply. |
| 13Oct16 | 1]  Server Tomcat v9.0 Server at localhost was unable to start within 45 seconds.  If the server requires more time, try increasing the timeout in the server editor. |  |
| 14 Oct 2016 | Could not determine type for: com.monespace.model.UserDetails, at table: Role, for columns: [org.hibernate.mapping.Column(userDetails) | @OneToOne is not inserted in Role.Java |
| 19 Oct 2016 | Beans can not formed | Configured the .xml file to add beans manually |
|  | Request processing failed; nested exception is java.lang.IllegalStateException:  Ambiguous handler methods mapped for  HTTP path 'http://localhost:8081/monespace/editCategory-1': {public java.lang.String com.monespace.controller.DealsCategoryController.editCategory(int,org.springframework.ui.Model),  public java.lang.String com.monespace.controller.PropertyDealsSubCategoryController.editSubCategory(int,org.springframework.ui.Model)} | Corrected editCategory to editSubCategory to avoid ambiguity. |
|  | Request processing failed; nested exception is org.springframework.dao.DataIntegrityViolationException:  could not execute statement;  SQL [n/a];  Constraint  ["FK1DPYN7P8NX9GFU9R76K5KY9NG: PUBLIC.PROPERTYDEALSSUBCATEGORY FOREIGN KEY(DEALSCATEGORYID) REFERENCES PUBLIC.DEALSCATEGORY(DEALSCATEGORYID) (1)";  SQL statement: |  |
| 21 Oct2016 | Oct 21, 2016 12:17:35 PM org.hibernate.hql.internal.QueryTranslatorFactoryInitiator initiateService  INFO: HHH000397: Using ASTQueryTranslatorFactory | Typing Error in implementation to define right set method |
| 22 Oct 2016 | rg.hibernate.QueryException: expecting ''', found '<EOF>' [from com.monespace.model.Dealer where dealerId='2] | >> minor typing error in implimentation file |
|  | Invalid property 'dealsCategory.listCategory' of bean class [com.monespace.model.Property]: Bean property 'dealsCategory.listCategory' is not readable or has an invalid getter method: Does the return type of the getter match the parameter type of the setter? |  |
|  | org.hibernate.engine.jdbc.spi.SqlExceptionHelper logExceptions  ERROR: NULL not allowed for column "USERDETAILID"; SQL statement:  insert into UserBillingAddress (userBillingId, city, houseName, houseNumber, locality, pincode, state, streetName, userDetail\_userDetailId) values (null, ?, ?, ?, ?, ?, ?, ?, ?) | >>> unnesesary column was formed in the database because of error in the model |
|  | Referential integration constraint violation in userRole table | >>> type missmatch error in userRole model class in defining data type of userName to int instead of String |
| 24-Oct-16 | nested exception is org.springframework.webflow.execution.ActionExecutionException: Exception thrown executing [AnnotatedAction@197a1f9 targetAction = [EvaluateAction@3e5305 expression = registrationHandlerr.initFlow(), resultExpression = flowScope.userDetail], attributes = map[[empty]]] in state 'null' of flow 'reg' -- action execution attributes were 'map[[empty]]' | >>> minor typing mismatch errors |
| 25-Oct-16 | org.springframework.expression.spel.SpelEvaluationException: EL1008E:(pos 0)  Property or field 'registrationHandler' cannot be found on object of type 'org.springframework.webflow.engine.impl.RequestControlContextImpl' - maybe not public? | >>> specified property couldnot found.  Manual beens were created in web.xml to create beans explicitly. |
| 27-Oct-16 | java.lang.IllegalStateException: Neither BindingResult nor plain target object for bean name 'userPermanentAddress' available as request attribute | >>> need to create beans manually in application-context.xml (here monospace.xml) |
| 10  Nov 16 | HTTP Status 500 - Request processing failed; nested exception is java.lang.IndexOutOfBoundsException: Index: 0, Size: 0 | >>>> Product cannot be shortlisted or buyed unless and until you login.  Need to add intercept-url into the security.xml |