Spring MVC

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# 环境搭建：

Maven 插件：eclipse marketplace m2e-intergation-for-eclipse

Properties： maven 映射本地maven包地址

设置：

**1.**build compiler set 1.7

**2.**project facets set java version 1.7;dynamic module 2.5/3.0; futher configuration avaliable,设置src/main/webapp,web-xml路径

3.新建src/test/resources,在properties->java build path/source 设置outputfolder->target/classes(test-classes)，此时包含main/java,main/resources,test/java,test/resources,**文件属性为source folder**

4.libraries包含maven+jre, order&export 要包含maven dependencies

5.depolyment assermbly 删除两个test folders

# POM.xml 文件

<dependency>

<groupId>javax.servlet</groupId>

<artifactId>servlet-api</artifactId>

<version>2.5</version>

<scope>provided</scope>

</dependency>

<dependency>

<groupId>javax.servlet</groupId>

<artifactId>jsp-api</artifactId>

<version>2.0</version>

<scope>provided</scope>

</dependency>

<dependency>

<groupId>javax.servlet</groupId>

<artifactId>jstl</artifactId>

<version>1.2</version>

<scope>provided</scope>

</dependency>

<dependency>

<groupId>org.springframework</groupId>

<artifactId>spring-webmvc</artifactId>

<version>4.2.2.RELEASE</version>

</dependency>

<dependency>

<groupId>org.springframework</groupId>

<artifactId>spring-context-support</artifactId>

<version>4.2.2.RELEASE</version>

</dependency>

<dependency>

<groupId>taglibs</groupId>

<artifactId>standard</artifactId>

<version>1.1.2</version>

</dependency>

# 配置分配器 dispacther（web.xml）

<!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>

<servlet>

<servlet-name>dispatcher</servlet-name>

<servlet-class>

org.springframework.web.servlet.DispatcherServlet

</servlet-class>

<init-param>

<param-name>contextConfigLoaction</param-name>

<param-value>/WEB-INF/dispatcher-servlet.xml</param-value>

</init-param>

<load-on-startup>1</load-on-startup>

</servlet>

<servlet-mapping>

<servlet-name>dispatcher</servlet-name>

<url-pattern>/</url-pattern>

</servlet-mapping>

</web-app>

# 配置 dispatcher-servlet.xml 前端控制器（分配器）与view视图的值传递。

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

<beans xmlns=*"http://www.springframework.org/schema/beans"*

xmlns:**aop**=*"http://www.springframework.org/schema/aop"*

xmlns:**context**=*"http://www.springframework.org/schema/context"*

xmlns:**mvc**=*"http://www.springframework.org/schema/mvc"*

xmlns:**tx**=*"http://www.springframework.org/schema/tx"*

xmlns:**xsi**=*"http://www.w3.org/2001/XMLSchema-instance"*

xsi:**schemaLocation**=*"http://www.springframework.org/schema/aop*

*http://www.springframework.org/schema/aop/spring-aop.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/mvc*

*http://www.springframework.org/schema/mvc/spring-mvc.xsd*

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

*http://www.springframework.org/schema/tx/spring-tx.xsd"*>

<mvc:annotation-driven />

<context:component-scan base-package=*"liming.maven.example"*/>

<bean class = *"org.springframework.web.servlet.view.InternalResourceViewResolver"*>

<property name=*"prefix"* value=*"/WEB-INF/views/"*/>

<property name=*"suffix"* value=*".jsp"*/>

</bean>

</beans>

# Controller.java

**package** liming.maven.example.view;

**import** org.springframework.stereotype.Controller;

**import** org.springframework.ui.Model;

**import** org.springframework.web.bind.annotation.RequestMapping;

@Controller

**public** **class** GeneralController {

@RequestMapping(value="index.do")

**public** String index\_do(Model model){

model.addAttribute("liming", "hello");

System.***out***.println("hello");

**return** "hello";

}

}

# 获取参数的几种方法：

Html中：

<form method=”post” action=”index.do”>

<input type=”text” name=”id”/>

<input type=”text” name=”name”/>

<input type=”submit” value=ok/>

</form>

Controller.java中：

@requestMapping(value=”” method=requestMethod.get)

Public void excute(string id,string name,Model model)

@requestMapping(value=”” method=requestMethod.get)

Public void excute(@ModelAttribute(“bean”),Bean bean){

Bean.getid()

}

@requestMapping(value=”” method=requestMethod.get)

Public void excute(HttpServletRequest req, HttpServletResponse res){

String id=Req.getParameter(“id”);

…

}