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## Handler Mapping

### BeanNameUrlHandlerMapping

<bean class=*"org.springframework.web.servlet.handler.BeanNameUrlHandlerMapping"*/>

<bean name=*"/welcome.htm"* class=*"com.HelloWorldController"* />

<bean name=*"/process\*.htm"* class=*"com.HelloWorldController"* />

To run: /welcome.htm

/process**something**.html

### ControllerClassNameHandlerMappping

<bean class= *"org.springframework.web.servlet.mvc.support.ControllerClassNameHandlerMapping"*>

</bean>

<bean class=*"com.mkyong.common.controller.WelcomeController"* />

<bean class=*"com.mkyong.common.controller.HelloGuestController"* />

TO run: /welcome.htm or

/helloguest.htm

### SimpleUrlHandlerMapping

<bean class=*"org.springframework.web.servlet.handler.SimpleUrlHandlerMapping"*>

<property name=*"mappings"*>

<value>

/welcome.htm=x

/\*/welcome.htm=x

/helloGuest.htm=helloGuestController

/jjj.htm=x

/hdgcfjds.htm=x

</value>

</property>

</bean>

<bean id=*"x"*

class=*"com.mkyong.common.controller.WelcomeController"* />

<bean id=*"helloGuestController"*

class=*"com.mkyong.common.controller.HelloGuestController"* />

To Run: /welcome.htm or /jjj.htm

/something/welcome.htm or /helloGuest.htm

## View Resolver

### InternalResourceViewResolver

<bean id=*"viewResolver"*

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

<property name=*"prefix"*>

<value>/WEB-INF/pages/</value>

</property>

<property name=*"suffix"*>

<value>.jsp</value>

</property>

</bean>

### XmlViewResolver

**Spring.xml**

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

<property name=*"location"*>

<value>/WEB-INF/spring-views.xml</value>

</property>

</bean>

Spring-views.xml

<bean id=*"WelcomePage"* class=*"org.springframework.web.servlet.view.JstlView"*>

<property name=*"url"* value=*"/WEB-INF/pages/WelcomePage.jsp"* />

</bean>

### ResourceBundleViewResolver

**Spring.xml**

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

<property name=*"basename"* value=*"spring-views"* />

</bean>

Spring-view.properties

WelcomePage.(class)=org.springframework.web.servlet.view.JstlView

WelcomePage.url=/WEB-INF/pages/WelcomePage.jsp

Welcome.(class)=org.springframework.web.servlet.view.JstlView

Welcome.url=/WEB-INF/pages/Welcome.jsp

## Multi-Action Controller

### InternalPathMethodNameResolver

CustomerController **extends** MultiActionController

{

// prefix+urlname+suffix

//testaddCustomer

}

**spring.xml**

<bean class=*"com.mkyong.common.controller.CustomerController"*>

<property name=*"methodNameResolver"*>

<bean class= *"org.springframework.web.servlet.mvc.multiaction.InternalPathMethodNameResolver"*>

<property name=*"prefix"* value=*"test"* />

<property name=*"suffix"* value=*"Customer"* />

</bean>

</property>

</bean>

To run : /customer/add.htm

### PropertiesMethodNameResolver

<bean class=*"com.mkyong.common.controller.CustomerController"*>

<property name=*"methodNameResolver"*>

<bean class=*"org.springframework.web.servlet.mvc.multiaction.PropertiesMethodNameResolver"*>

<property name=*"mappings"*>

<props>

<prop key=*"/customer/a.htm"*>add</prop>

<prop key=*"/customer/b.htm"*>update</prop>

<prop key=*"/customer/c.htm"*>delete</prop>

<prop key=*"/customer/d.htm"*>list</prop>

</props>

</property>

</bean>

</property>

</bean>

To run: /customer/a.htm

### ParameterMethodNameResolver

<bean class=*"com.mkyong.common.controller.CustomerController"*>

<property name=*"methodNameResolver"*>

<bean class= *"org.springframework.web.servlet.mvc.multiaction.ParameterMethodNameResolver"*>

<property name=*"paramName"* value=*"action"*/>

</bean> </property></bean>

To Run: /customer/something.htm?action=add

## Redirect:

### ParameterizableViewController

<bean class= *"org.springframework.web.servlet.handler.SimpleUrlHandlerMapping"*>

<property name=*"mappings"*>

<props>

<prop key=*"/welcome.htm"*>welcomeController</prop>

</props>

</property>

</bean>

<bean id=*"welcomeController"* class= *"org.springframework.web.servlet.mvc.ParameterizableViewController"*>

<property name=*"viewName"* value=*"WelcomePage"* />

</bean>

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

<property name=*"location"*>

<value>/WEB-INF/spring-views.xml</value>

</property>

</bean>

## Exception Handling

<bean class=*"org.springframework.web.servlet.handler.SimpleMappingExceptionResolver"*>

<property name=*"exceptionMappings"*>

<props>

<prop key=*"java.lang.Exception"*>error</prop>

<prop key=*"NoSuchRequestHandlingMethodException"*>error</prop>

</props>

</property>

</bean>

## Annotation

<context:component-scan base-package=*"com.mkyong.common.controller"* />

@Controller

@RequestMapping("/welcome.htm")

**public** **class** HelloController {

@RequestMapping(method = RequestMethod.*GET*)

**public** String printWelcome(ModelMap model) {

model.addAttribute("message", "Spring 3 MVC Hello World");

**return** "hello";

}

@RequestMapping(method = RequestMethod.*POST*)

**public** String printPost(ModelMap model) {

model.addAttribute("message", "Spring 3 MVC Hello World");

**return** "hello";

}

}