**Structs Example**

**Web.xml**

|  |  |  |
| --- | --- | --- |
| **<servlet>** | | |
|  | **<servlet-name>action</servlet-name> <servlet-class> org.apache.struts.action.ActionServlet </servlet-class>  <init-param>** | |
|  |  | **<param-name>config</param-name> <param-value>/WEB-INF/struts-config.xml</param-value>** |
|  | **</init-param>** | |
|  | **<load-on-startup>1</load-on-startup>** | |
| **</servlet>** | | |
| **<servlet-mapping>** | | |
|  | **<servlet-name>action</servlet-name> <url-pattern>\*.do</url-pattern>** | |
| **</servlet-mapping>**  **Structs-config.xml**   |  |  | | --- | --- | | **<action path="/Name" type="example.NameAction" name="nameForm" input="/index.jsp">** | | |  | **<forward name="success" path="/displayname.jsp"/> <forward name="failure" path="/index.jsp"/>** | | **</action>** | |   **Action Class**  ***NameAction.java***  **package example;  import java.io.IOException; import javax.servlet.ServletException; import javax.servlet.http.HttpServletRequest; import javax.servlet.http.HttpServletResponse; import org.apache.struts.action.Action; import org.apache.struts.action.ActionForm; import org.apache.struts.action.ActionForward; import org.apache.struts.action.ActionMapping;**   |  |  |  |  | | --- | --- | --- | --- | | **public class NameAction extends Action {** | | | | |  | **public ActionForward execute(ActionMapping mapping, ActionForm form, HttpServletRequest request, HttpServletResponse response) throws IOException, ServletException {** | | | |  |  | **String target = new String("success"); if ( form != null ) {** | | |  |  |  | **// Use the NameForm to get the request parameters NameForm nameForm = (NameForm)form; String name = nameForm.getName();** | |  |  | **}** |  | |  |  | **// if no mane supplied Set the target to failure if ( name == null ) {** | | |  |  |  | **target = new String("failure");** | |  |  | **}** | | |  |  | **else {** | | |  |  |  | **request.setAttribute("NAME", name);** | |  |  | **}** | | |  | **return (mapping.findForward(target)); }** | | | | **}** | | | |   **Bean**  ***NameForm.java***   **package example;** //import statements **import javax.servlet.http.HttpServletRequest; import org.apache.struts.action.ActionForm; import org.apache.struts.action.ActionMapping;**   |  |  |  | | --- | --- | --- | | **public class NameForm extends ActionForm {** | | | |  | **private String name = null; public String getName() {** | | |  |  | **return (name);** | |  | **}** |  | |  | **public void setName(String name) {** | | |  |  | **this.name = name;** | |  | **}** |  | |  | **public void reset(ActionMapping mapping, HttpServletRequest request) {** | | |  |  | **this.name = null;** | |  | **}** |  | | **}** | | |   **Index.jsp**  ***index.jsp***  **<%@ page language="java" %> <%@ taglib uri="/WEB-INF/struts-html.tld" prefix="html" %>**   |  |  |  |  |  | | --- | --- | --- | --- | --- | | **<html> <head> <title>Sample Struts Application</title> </head> <body>** | | | | | |  | **<html:form action="Name" name="nameForm" type="example.NameForm">** | | | | |  |  | **<table width="80%" border="0">** | | | |  |  |  | **<tr>** | | |  |  |  |  | **<td>Name:</td>** | |  |  |  |  | **<td><html:text property="name" /></td>** | |  |  |  | **</tr>** | | |  |  |  | **<tr>** | | |  |  |  |  | **<td><html:submit /></td>** | |  |  |  | **</tr>** | | |  |  | **</table>** | | | |  | **</html:form>** | | | | | **</body> </html>** | | | | | | | |

**SPRINGS EXAMPLE**

**Web.xml**

**<servlet>**

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

**<servlet-class>**

**org.springframework.web.servlet.DispatcherServlet**

**</servlet-class>**

**<load-on-startup>2</load-on-startup>**

**</servlet>**

**<servlet-mapping>**

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

**<url-pattern>\*.htm</url-pattern>**

**</servlet-mapping>**

**</web-app>**

**Dispatcher-servlet.xml**

<bean id="simpleUrlMapping"

class="org.springframework.web.servlet.handler.SimpleUrlHandlerMapping">

<property name="mappings">

<props>

<prop key="/showAllMails.jsp">showController</prop>

<prop key="/composeMail.jsp">composeController</prop>

<prop key="/deleteMail.jsp">deleteController</prop>

</props>

</property>

</bean>