[struts1.x完整实例](http://blog.csdn.net/lanpiao_87/article/details/7451784)

1、简介

        struts是WEB程序MVC分层架构中的C，属于控制层，主要进行处理用户的请求，基于请求驱动。获取用户的请求地址并将表单中的数据封装到Form对象后交给Action进行处理。在Action中进行条用业务层处理具体的请求后将结果通过ActionMapping封装跳转地址返回给用户。struts是对servlet的再次封装，使得更加灵活高效。下面以一个登录的实例讲解struts的开发过程。

2、在新建的web工程中添加以下struts1.x  jar包

        antlr-2.7.6.jar、commons-beanutils.jar、commons-digester.jar、commons-fileupload.jar、commons-logging-1.0.4.jar、commons-validator.jar、jakarta-oro.jar、struts.jar。

3、web.xml进行如下配置

**[html]** [view plaincopyprint?](http://blog.csdn.net/lanpiao_87/article/details/7451784)

1. **<?xml** version="1.0" encoding="UTF-8"**?>**
2. **<web-app** xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://java.sun.com/xml/ns/javaee" xmlns:web="http://java.sun.com/xml/ns/javaee/web-app\_2\_5.xsd" xsi:schemaLocation="http://java.sun.com/xml/ns/javaee http://java.sun.com/xml/ns/javaee/web-app\_2\_5.xsd" id="WebApp\_ID" version="2.5"**>**
3. **<display-name>**MyStruts1Prj**</display-name>**
5. **<servlet>**
6. **<servlet-name>**action**</servlet-name>**
7. **<servlet-class>**org.apache.struts.action.ActionServlet**</servlet-class>**
9. **<init-param>**
10. **<param-name>**config**</param-name>**
11. **<param-value>**/WEB-INF/conf/struts-config.xml**</param-value>**
12. **</init-param>**
13. **<init-param>**
14. **<param-name>**debug**</param-name>**
15. **<param-value>**3**</param-value>**
16. **</init-param>**
17. **<init-param>**
18. **<param-name>**detail**</param-name>**
19. **<param-value>**3**</param-value>**
20. **</init-param>**
22. **<load-on-startup>**0**</load-on-startup>**
23. **</servlet>**
25. **<servlet-mapping>**
26. **<servlet-name>**action**</servlet-name>**
27. **<url-pattern>**\*.do**</url-pattern>**
28. **</servlet-mapping>**
30. **<welcome-file-list>**
31. **<welcome-file>**index.jsp**</welcome-file>**
32. **</welcome-file-list>**
33. **</web-app>**

4、新建登陆页面login.jsp

**[html]** [view plaincopyprint?](http://blog.csdn.net/lanpiao_87/article/details/7451784)

1. **<**%@ page language="java" contentType="text/html; charset=UTF-8"
2. pageEncoding="UTF-8"%**>**
3. <!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd"**>**
4. **<html>**
5. **<head>**
6. **<**%
7. String basePath = request.getContextPath();
8. %**>**
9. **<meta** http-equiv="Content-Type" content="text/html; charset=UTF-8"**>**
10. **<title>**登陆页面**</title>**
11. **</head>**
12. **<body>**
13. **<h1>**登陆页面**</h1>**
14. **<hr>**
15. **<form** action="<%=basePath %>/login.do" method="post" **>**
16. userName:**<input** id="userName" name="userName" type="text" **/><br>**
17. passWord:**<input** id="passWord" name="passWord" type="password" **/><br>**
18. **<input** type="submit" id="submit" name="submit" value="submit" **/>**
19. **</form>**
20. **</body>**
21. **</html>**

5、新建登陆成功后的跳转页面loginSucces.jsp

**[html]** [view plaincopyprint?](http://blog.csdn.net/lanpiao_87/article/details/7451784)

1. **<**%@ page language="java" contentType="text/html; charset=UTF-8"
2. pageEncoding="UTF-8"%**>**
3. <!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd"**>**
4. **<html>**
5. **<head>**
6. **<meta** http-equiv="Content-Type" content="text/html; charset=UTF-8"**>**
7. **<title>**登陆成功页面**</title>**
8. **</head>**
9. **<body>**
10. **<h1>**欢迎[**<**%=request.getAttribute("userName") %**>**]登陆成功！**</h1>**
11. **</body>**
12. **</html>**

6、新建登陆失败后的跳转页面loginError.jsp

**[html]** [view plaincopyprint?](http://blog.csdn.net/lanpiao_87/article/details/7451784)

1. **<**%@ page language="java" contentType="text/html; charset=UTF-8"
2. pageEncoding="UTF-8"%**>**
3. <!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd"**>**
4. **<html>**
5. **<head>**
6. **<meta** http-equiv="Content-Type" content="text/html; charset=UTF-8"**>**
7. **<title>**登陆失败页面**</title>**
8. **</head>**
9. **<body>**
10. **<h1>**登陆失败！**</h1>**
11. **</body>**
12. **</html>**

7、新建LoginActionForm.java

**[java]** [view plaincopyprint?](http://blog.csdn.net/lanpiao_87/article/details/7451784)

1. **package** com.lanp.webapp.form;
3. **import** org.apache.struts.action.ActionForm;
5. /\*\*
6. \* 封装登陆表单数据的FORM类
7. \* @author LanP
8. \* @since 2012年4月11日23:07:09
9. \* @version v1.0
10. \*/
11. @SuppressWarnings("serial")
12. **public** **class** LoginActionForm **extends** ActionForm {
13. **private** String userName;
15. **private** String passWord;
17. **public** String getUserName() {
18. **return** userName;
19. }
20. **public** **void** setUserName(String userName) {
21. **this**.userName = userName;
22. }
23. **public** String getPassWord() {
24. **return** passWord;
25. }
26. **public** **void** setPassWord(String passWord) {
27. **this**.passWord = passWord;
28. }
29. }

8、新建LoginAction.java

**[java]** [view plaincopyprint?](http://blog.csdn.net/lanpiao_87/article/details/7451784)

1. **package** com.lanp.webapp.action;
3. **import** javax.servlet.http.HttpServletRequest;
4. **import** javax.servlet.http.HttpServletResponse;
6. **import** org.apache.struts.action.Action;
7. **import** org.apache.struts.action.ActionForm;
8. **import** org.apache.struts.action.ActionForward;
9. **import** org.apache.struts.action.ActionMapping;
11. **import** com.lanp.webapp.form.LoginActionForm;
12. /\*\*
13. \* 处理登陆的Action类
14. \* @author LanP
15. \* @since 2012年4月11日23:07:09
16. \* @version v1.0
17. \*/
18. **public** **class** LoginAction **extends** Action {
20. @Override
21. **public** ActionForward execute(ActionMapping mapping, ActionForm form,
22. HttpServletRequest request, HttpServletResponse response)
23. **throws** Exception {
24. String path = "error";
25. LoginActionForm loginActionForm = (LoginActionForm)form;
26. String userName = loginActionForm.getUserName();
27. String passWord = loginActionForm.getPassWord();
29. **if**(**null** != userName && "admin".equals(userName) && **null** != passWord && "admin".equals(passWord)) {
30. path = "success";
31. request.setAttribute("userName", userName);
32. } **else** {
33. path = "error";
34. }
35. **return** mapping.findForward(path);
36. }
38. }

9、配置struts-config.xml

**[html]** [view plaincopyprint?](http://blog.csdn.net/lanpiao_87/article/details/7451784)

1. **<?xml** version="1.0" encoding="UTF-8"**?>**
2. <!DOCTYPE struts-config PUBLIC "-//Apache Software Foundation//DTD Struts Configuration 1.2//EN" "http://struts.apache.org/dtds/struts-config\_1\_2.dtd"**>**
4. **<struts-config>**
5. **<form-beans>**
6. **<form-bean** name="loginActionForm" type="com.lanp.webapp.form.LoginActionForm"**>**
7. **</form-bean>**
8. **</form-beans>**
10. **<action-mappings>**
11. **<action** path="/login"
12. type="com.lanp.webapp.action.LoginAction"
13. name="loginActionForm"
14. scope="request"**>**
15. **<forward** name="success" path="/jsp/loginSucces.jsp" **/>**
16. **<forward** name="error" path="/jsp/loginError.jsp" **/>**
17. **</action>**
18. **</action-mappings>**
19. **</struts-config>**