

Struts2 简单应用--实现登录功能

功能描述: 在登录功能的action之前添加检查session的拦截器, 达到权限控制的功能;

1 在login.jsp中添加form 表单

```
${loginError }  
<form action="login" method="post">  
    用户名: <input type="text" name="username"><br>  
    密码: <input type="password" name="password"><br>  
    <input type="submit" value="提交">  
</form>
```

2 在com.itzy.action 包下新建LoginAction.java 文件 代码如下:

```
public class LoginAction extends ActionSupport implements SessionAware{  
    private String username;  
    private String password;  
    private Map<String, Object> session;  
    public String getUsername() {  
        return username;  
    }  
    public void setUsername(String username) {  
        this.username = username;  
    }  
    public String getPassword() {  
        return password;  
    }  
    public void setPassword(String password) {  
        this.password = password;  
    }  
  
    public String login(){  
        if("admin".equals(username)&&"123".equals(password)){  
            session.put("login", username);  
            return SUCCESS;  
        }else {  
            session.put("loginError", "用户名或密码不正确! ");  
            return ERROR;  
        }  
    }  
    public void setSession(Map<String, Object> session) {  
        // TODO Auto-generated method stub  
        this.session = session;  
    }  
}
```

3 在struts.xml 文件中添加配置

```
<!-- 通过此action 访问后台管理页面 -->  
<action name="auth">  
    <result>/WEB-INF/page/manager.jsp</result>  
    <result name="login">/login.jsp</result> //如果是直接访问后台, 没有session将跳转拿到login.jsp  
    <!-- 应用拦截器 -->  
    <interceptor-ref name="MyStack"></interceptor-ref>  
</action>  
  
<action name="login" class="com.itzy.action.LoginAction" method="login">  
    <result>/WEB-INF/page/manager.jsp</result>  
    <result name="error">/login.jsp</result>  
</action>
```

4 添加拦截器，在com.itzzy.interceptor包下新建文件

```
public class AuthInterceptor extends AbstractInterceptor {
    @Override
    public String intercept(ActionInvocation invocation) throws Exception {
        ActionContext context = ActionContext.getContext();
        Map<String, Object> session = context.getSession();
        if(session.get("login") !=null){
            String result = invocation.invoke();//拦截器放行，执行下一个拦截器或action
            return result;
        }else {
            return "login";
        }
    }
}
```

5 在Struts.xml中注册拦截器

```
<!-- 注册拦截器 -->
<interceptors>
    <interceptor name="auth" class="com.itzzy.interceptor.AuthInterceptor"></interceptor>
    <!-- 自定义拦截器栈 -->
    <interceptor-stack name="MyStack">
        <interceptor-ref name="defaultStack"></interceptor-ref>
        <interceptor-ref name="auth"></interceptor-ref>
    </interceptor-stack>
</interceptors>
```