

一，所需的jar包（把action的创建交给spring）



freemarker-2.3.28.jar
1.45MB



javassist-3.20.0-GA.jar
732.98KB



jstl.jar
20.19KB



log4j-api-2.11.1.jar
257.87KB



log4j-api-2.11.2.jar
260.04KB



log4j-core-2.11.2.jar
1.55MB



mchange-commons-java-0.2.14.jar
609.41KB



ognl-3.1.21.jar
230.85KB



spring-aop-5.0.0.RELEASE.jar
352.16KB



spring-aspects-5.0...E.jar
40.16KB



spring-beans-5.0.0...E.jar
639.36KB



spring-context-5.0....E.jar
1.02MB



spring-core-5.0.0.R...E.jar
1.15MB



spring-expression-...E.jar
256.53KB



spring-jdbc-5.0.0.R...E.jar
381.48KB



spring-tx-5.0.0.REL...E.jar
243.05KB



spring-web-5.0.0.R...E.jar
1.15MB



standard.jar
384.04KB



struts2-core-2.5.20.jar
1.56MB



struts2-spring-plug...0.jar
21.76KB



xwork-core-2.3.15.3.jar
625.63KB



aopalliance.jar
4.36KB



asm-5.2.jar
52.01KB



asm-commons-5.2.jar
46.09KB



asm-tree-5.2.jar
28.88KB



aspectj-1.9.4.jar
16.51MB



aspectjweaver.jar
1.94MB



c3p0-0.9.5.4.jar
488.12KB



commons-fileuploa...4.jar
70.74KB



commons-io-2.6.jar
209.75KB



commons-lang3-3.8.1.jar
490.11KB



commons-logging-1.2.jar
60.37KB

二，具体的代码实现

1，userAction实体类

```
package cn.java.Action;
```

```
import com.opensymphony.xwork2.ActionSupport;
```

```
public class userAction extends ActionSupport {  
    @Override  
    public String execute() throws Exception {  
        // TODO Auto-generated method stub  
        System.out.println("action=====");  
        return NONE ;  
    }  
}
```

2，bean2.xml配置文件

```
<?xml version="1.0" encoding="UTF-8"?>  
<beans xmlns="http://www.springframework.org/schema/beans"  
        xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"  
        xmlns:context="http://www.springframework.org/schema/context"  
        xmlns:jdbc="http://www.springframework.org/schema/jdbc"  
        xmlns:jee="http://www.springframework.org/schema/jee"  
        xmlns:tx="http://www.springframework.org/schema/tx"
```

```

xmlns:util="http://www.springframework.org/schema/util"
    xmlns:task="http://www.springframework.org/schema/task"
xmlns:aop="http://www.springframework.org/schema/aop"
    xsi:schemaLocation="
        http://www.springframework.org/schema/beans
https://www.springframework.org/schema/beans/spring-beans.xsd
        http://www.springframework.org/schema/tx
http://www.springframework.org/schema/tx/spring-tx.xsd
        http://www.springframework.org/schema/aop
https://www.springframework.org/schema/aop/spring-aop.xsd
        http://www.springframework.org/schema/beans
http://www.springframework.org/schema/beans/spring-beans-4.0.xsd
        http://www.springframework.org/schema/context
http://www.springframework.org/schema/context/spring-context-4.0.xsd
        http://www.springframework.org/schema/jdbc
http://www.springframework.org/schema/jdbc/spring-jdbc-4.0.xsd
        http://www.springframework.org/schema/jee
http://www.springframework.org/schema/jee/spring-jee-4.0.xsd
        http://www.springframework.org/schema/tx
http://www.springframework.org/schema/tx/spring-tx-4.0.xsd
        http://www.springframework.org/schema/util
http://www.springframework.org/schema/util/spring-util-4.0.xsd
        http://www.springframework.org/schema/task
http://www.springframework.org/schema/task/spring-task-4.0.xsd"
    default-lazy-init="false">
    <!-- 配置c3p0的连接池 -->
    <bean id="dataSource"
class="com.mchange.v2.c3p0.ComboPooledDataSource">
        <!-- 注入属性值 -->
        <property name="driverClass" value="com.mysql.cj.jdbc.Driver">
</property>
        <property name="jdbcUrl"
            value="jdbc:mysql://localhost:3306/hb1?serverTimezone=UTC">
</property>
        <property name="user" value="root"></property>
        <property name="password" value="AQL271422"></property>
    </bean>
    <!-- 配置action的对象,scope="prototype"这个一定需要写 -->
    <bean id="userAction" class="cn.java.Action.userAction" scope="prototype">
</bean>
</beans>

```

3, struts.xml配置文件

```

<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE struts PUBLIC
    "-//Apache Software Foundation//DTD Struts Configuration 2.3//EN"
    "http://struts.apache.org/dtds/struts-2.3.dtd">

```

```

<struts>
    <constant name="struts.devMode" value="true" />
    <package name="p1" extends="struts-default">
        <!-- class属性里面不写action全路径，因为写，爱吃提欧尼对象创建两次，
        可以直接写spring配置的action的bean的id值
        -->
        <action name="userAction" class="userAction" >
            </action>
    </package>
</struts>

```

4, web.xml配置文件

```

<?xml version="1.0" encoding="UTF-8"?>
<web-app version="3.0"
    xmlns="http://java.sun.com/xml/ns/javaee"
    xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xsi:schemaLocation="http://java.sun.com/xml/ns/javaee
    http://java.sun.com/xml/ns/javaee/web-app_3_0.xsd">
    <!-- 配置配置文件的路径 -->
    <context-param>
        <param-name>contextConfigLocation</param-name>
        <param-value>classpath:bean2.xml</param-value>
    </context-param>
    <!-- 配置Struts的核心控制器，就是一个过滤器 -->
    <filter>
        <filter-name>struts2</filter-name>
        <filter-
class>org.apache.struts2.dispatcher.filter.StrutsPrepareAndExecuteFilter</filter-
class>
    </filter>
    <filter-mapping>
        <filter-name>struts2</filter-name>
        <url-pattern>/*</url-pattern>
    </filter-mapping>
    <!-- 配置监听器 -->
    <listener>
        <listener-class>org.springframework.web.context.ContextLoaderListener
    </listener-class>
    </listener>
    <welcome-file-list>
        <welcome-file>index.jsp</welcome-file>
    </welcome-file-list>
</web-app>

```