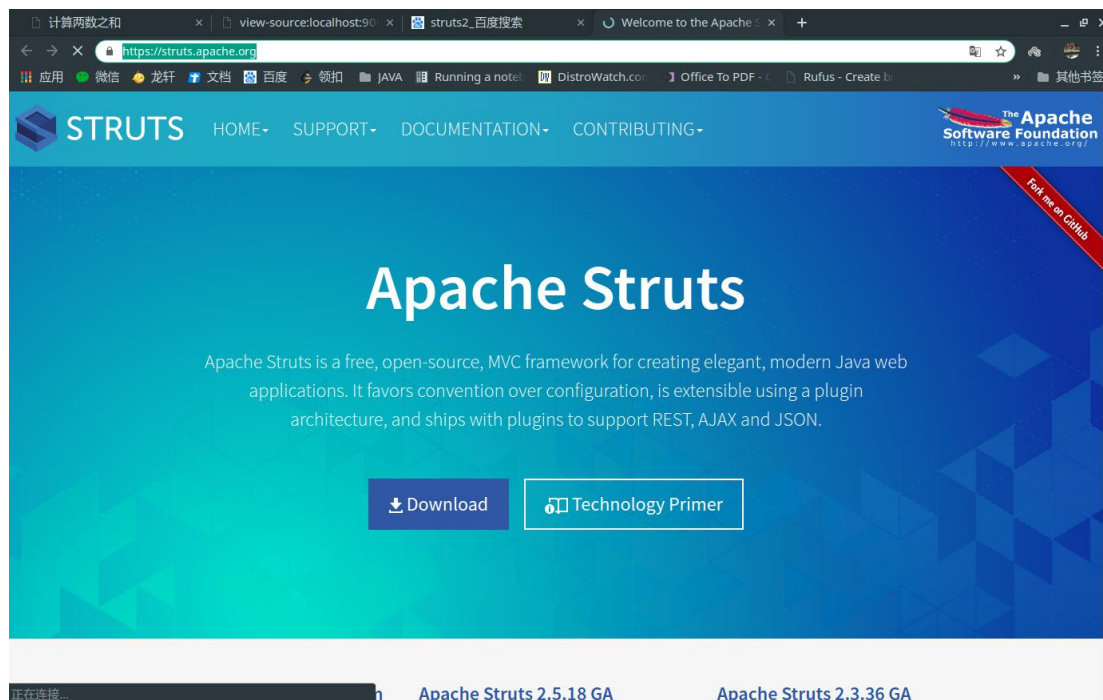


StrutsDemo1 2018 年 11 月 26 日星期一

导入后可能会出现错误，
需要重新添加本地的 jre 运行环境。

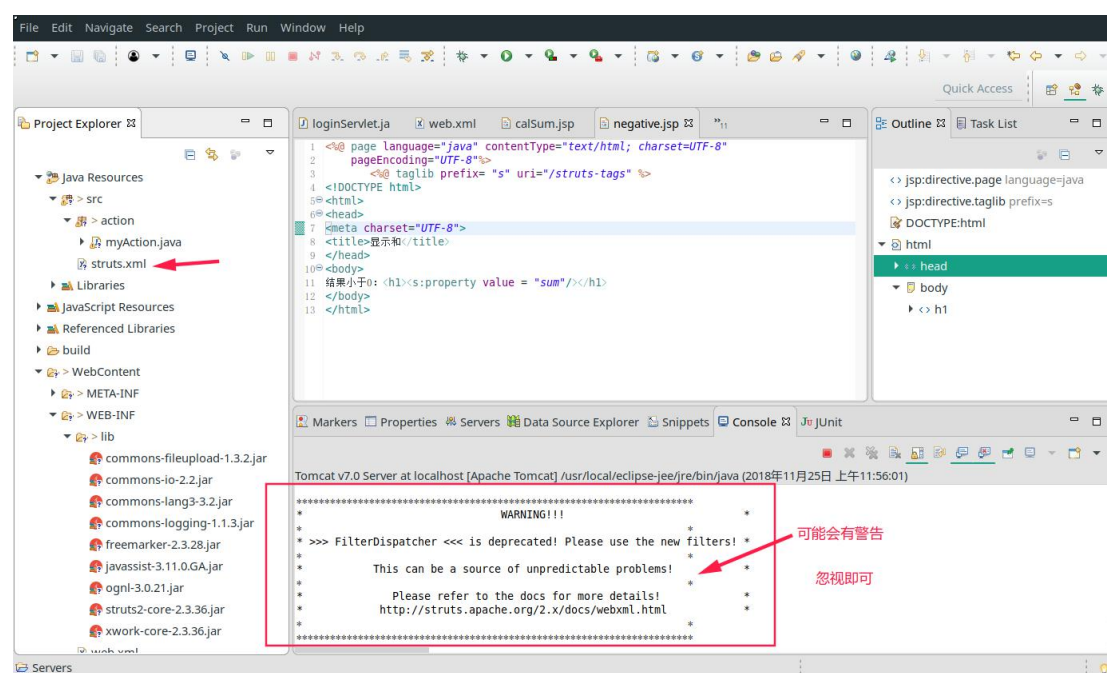
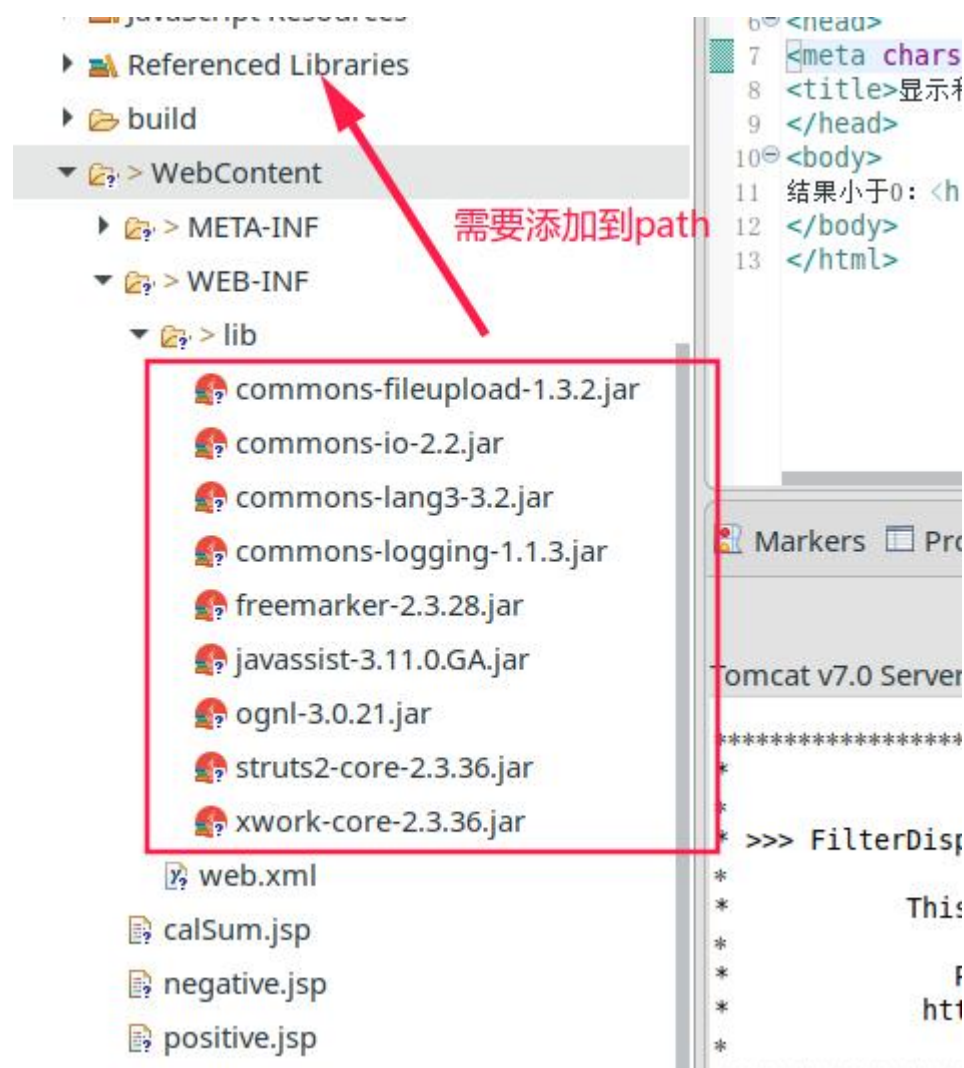
Struts 框架官网

<https://struts.apache.org/>



Struts2Demo ， Struts2 框架能根据程序员的配置文件（不需要自己设计 jsp+Servlet+javaBean+jdbc 来实现 MVC），自动实现 MVC 之间的跳转，使得更能直接专注项目的业务实现，而不在于这个架构的设计。

所有 jar 包可以去官网下载，我下载的是 struts-2.3.36-min-lib.zip





求和

数1:

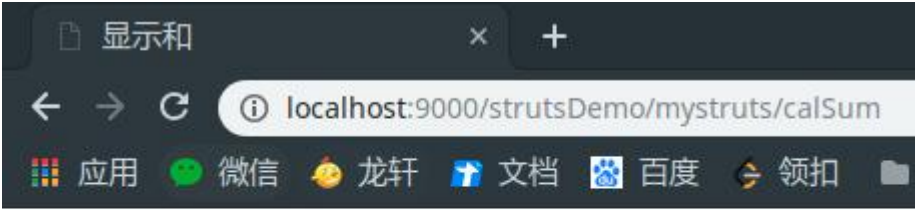
数2:



求和

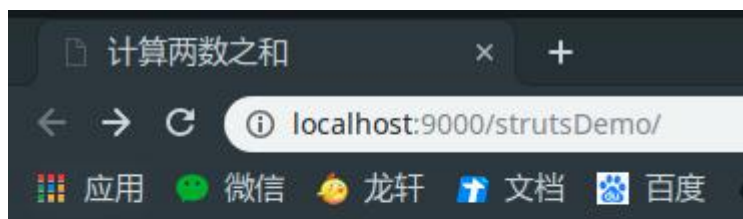
数1:

数2:



结果大于或者等于0:

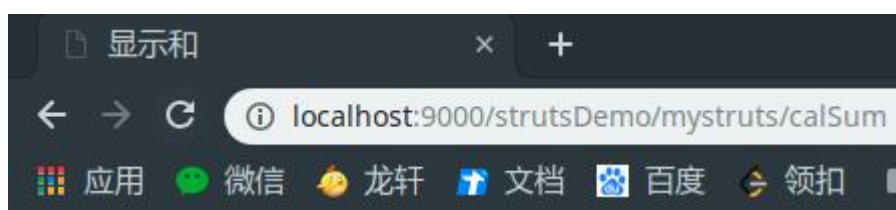
9



求和

数1:

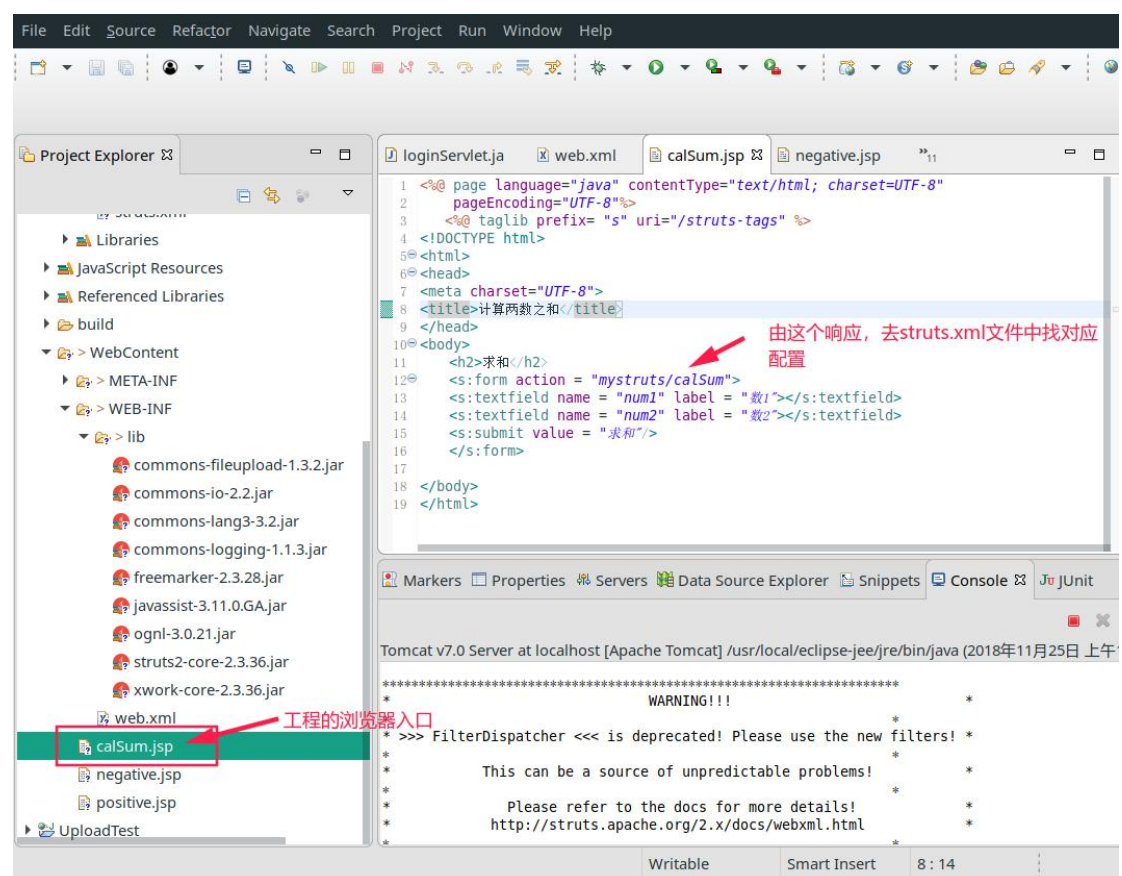
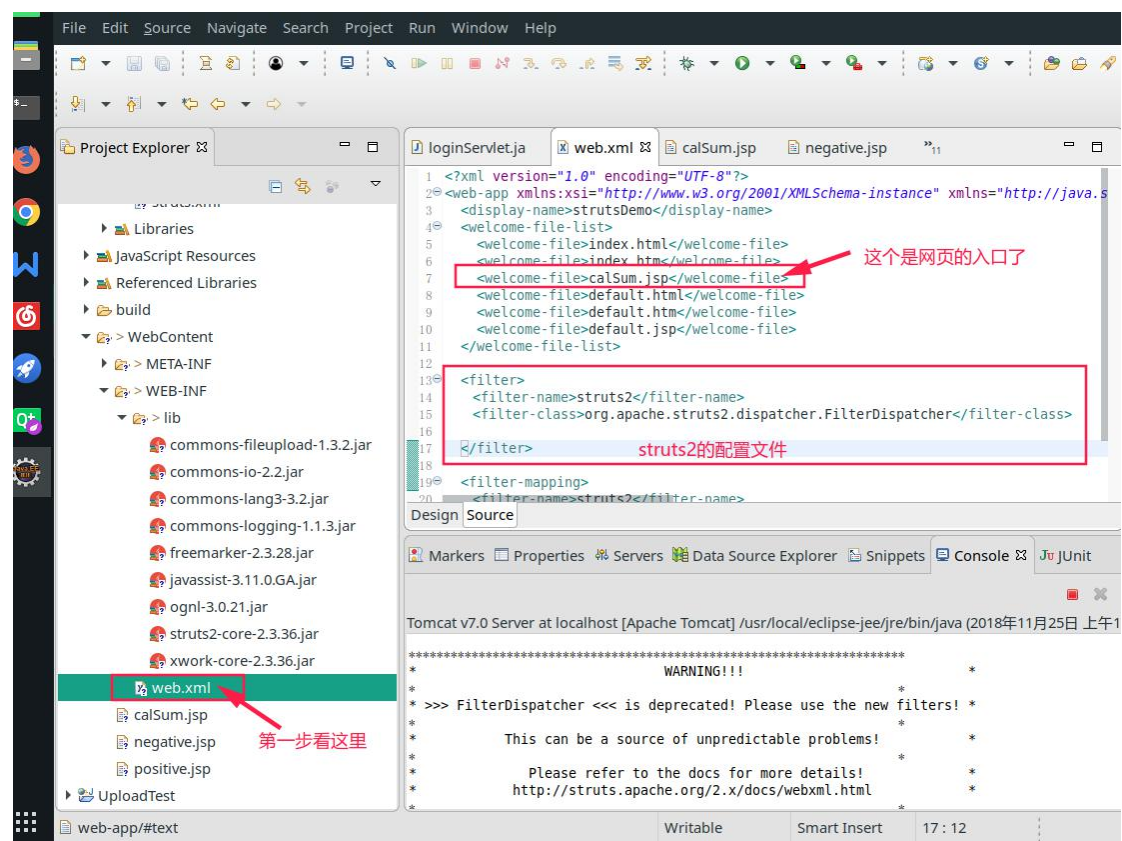
数2:



结果小于0:

-3

程序阅读指南:



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Project Explorer

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- strutsDemo [eclipse-jee-workspace maste
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- Java Resources
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 - action
 - myAction.java
 - struts.xml**
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- JavaScript Resources
- Referenced Libraries
- build
- WebContent
 - META-INF
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 - lib
 - commons-fileupload-1.3.2.jar
 - commons-io-2.2.jar
 - commons-lang3-3.2.jar

web.xml calSum.jsp **struts.xml** negative.jsp

```

1 <?xml version="1.0" encoding="UTF-8"?>
2 <!DOCTYPE struts PUBLIC
3   "-//Apache Software Foundation//DTD Struts Configuration2.0//EN"
4   "http://struts.apache.org/dtds/struts-2.0.dtd">
5
6 <struts>
7   <package name = "struts2" namespace="/mystruts"
8     extends = "struts-default">
9     <action name="calSum" class="action.myAction">
10      <result name = "Positive">positive.jsp</result>
11      <result name = "Negative">negative.jsp</result>
12    </action>
13  </package>
14 </struts>
    
```

Design Source

Markers Properties Servers Data Source Explorer Snippets Console

Tomcat v7.0 Server at localhost [Apache Tomcat] /usr/local/eclipse-jee/jre/bin/java (2018年

```

*****
*                                     *
*                                     *
* >>> FilterDispatcher <<< is deprecated! Please use the new filters! *
*                                     *
* This can be a source of unpredictable problems! *
*                                     *
* Please refer to the docs for more details! *
* http://struts.apache.org/2.x/docs/webxml.html *
*                                     *
*                                     *
    
```

struts/#text Writable Smart Insert 13:15

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Project Explorer

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web.xml calSum.jsp **struts.xml** myAction.java

```

1 <?xml version="1.0" encoding="UTF-8"?>
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8     extends = "struts-default">
9     <action name="calSum" class="action.myAction">
10      <result name = "Positive">positive.jsp</result>
11      <result name = "Negative">negative.jsp</result>
12    </action>
13  </package>
14 </struts>
    
```

Design Source

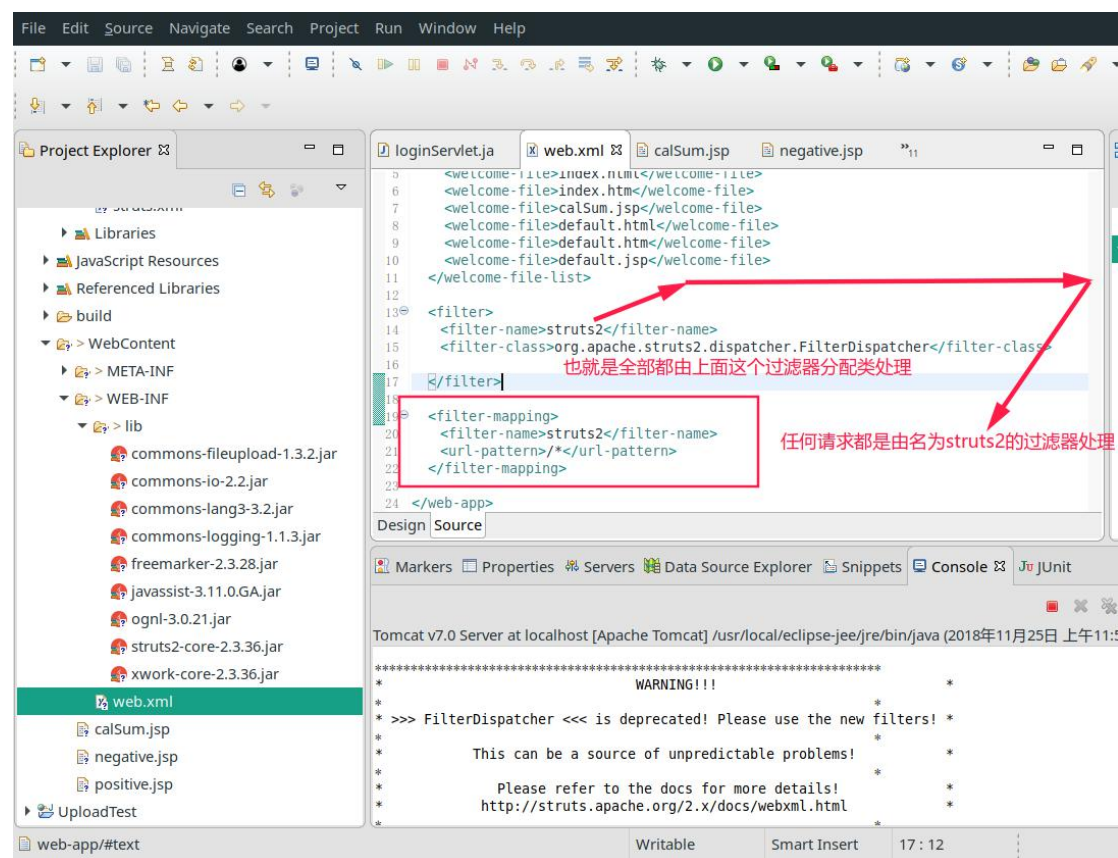
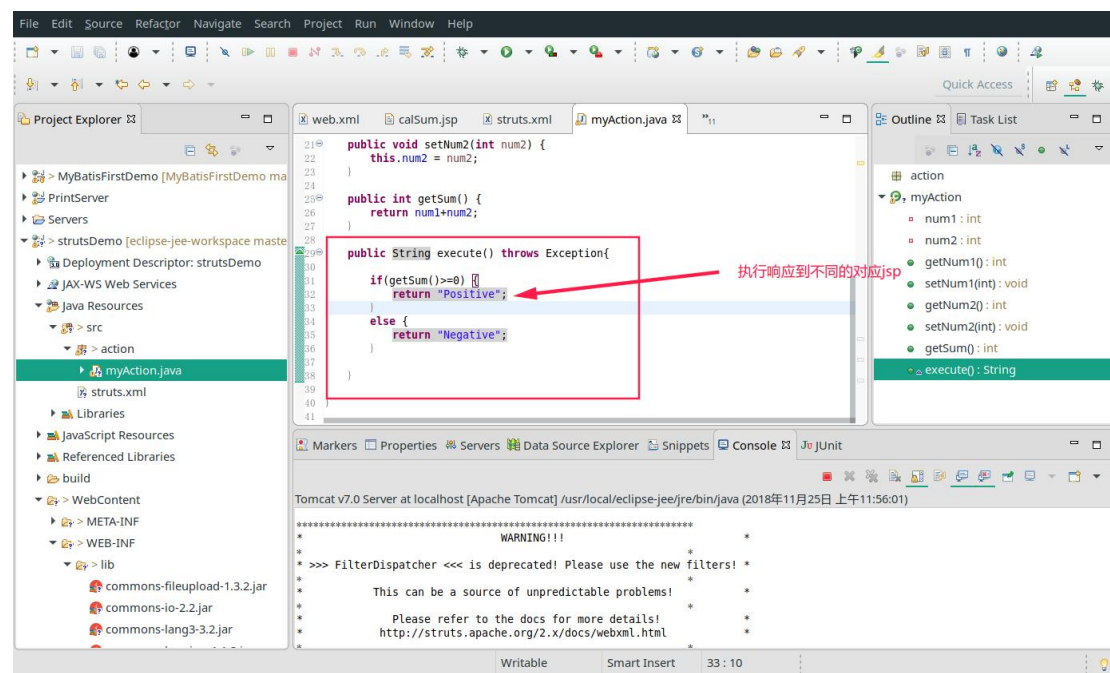
Markers Properties Servers Data Source Explorer Snippets Console JUnit

Tomcat v7.0 Server at localhost [Apache Tomcat] /usr/local/eclipse-jee/jre/bin/java (2018年11月25日 上午11:56

```

*****
*                                     *
*                                     *
* >>> FilterDispatcher <<< is deprecated! Please use the new filters! *
*                                     *
* This can be a source of unpredictable problems! *
*                                     *
* Please refer to the docs for more details! *
* http://struts.apache.org/2.x/docs/webxml.html *
*                                     *
*                                     *
    
```

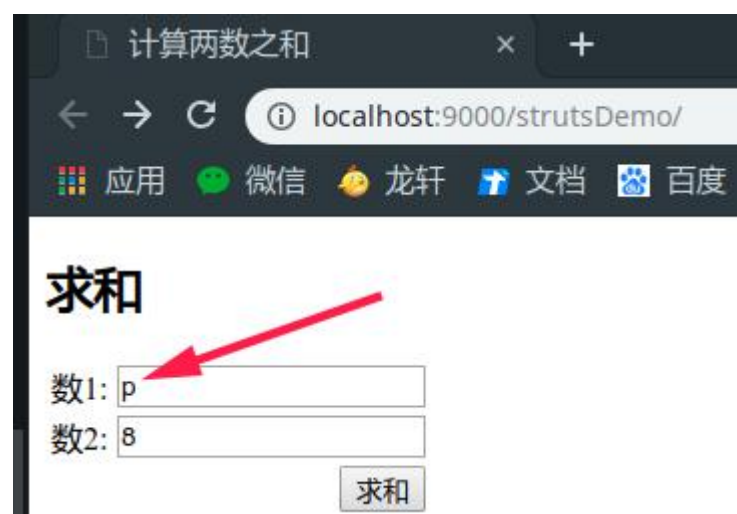
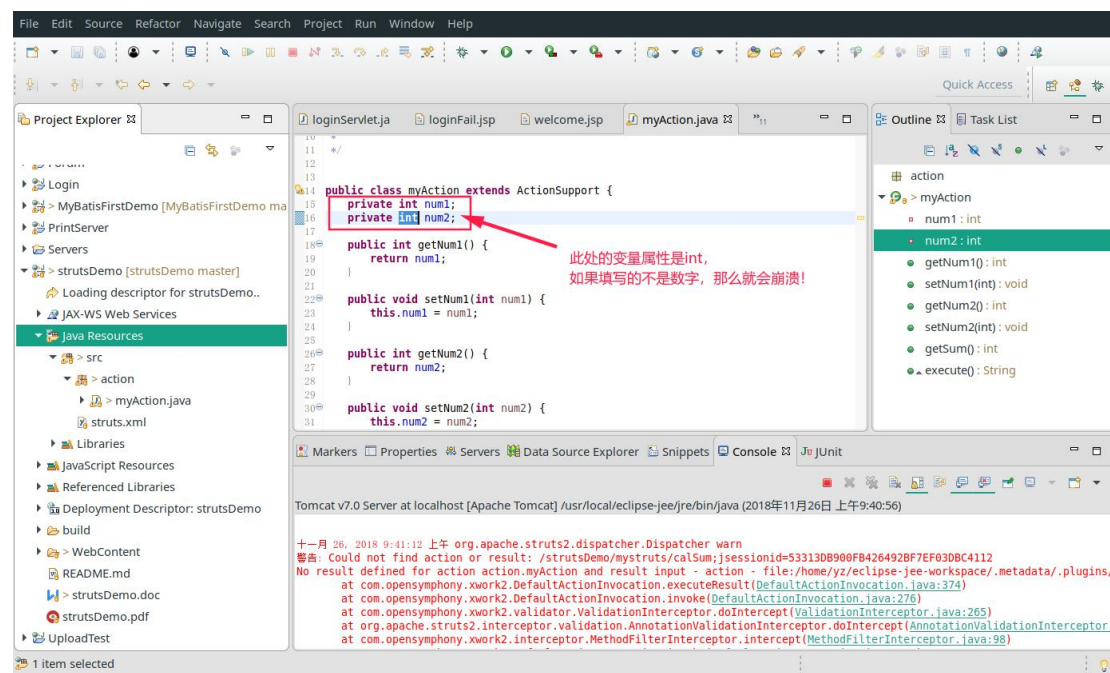
Writable Smart Insert 14:10



2018 年 11 月 25 日星期日

进一步扩展:

上面的代码输入界面如果输入的不是数字,那么会导致程序崩溃,所以需要完善加入校验机制。





需要通过 Struts 的验证机制校验输入的内容是否符合标准。

通过 Validate 方法来校验

```

13
14 public class myAction extends ActionSupport {
15     private String num1; //这样就可以接受jsp端传过来的任何类型的参数
16     private String num2;
17     private int n1;
18     private int n2;
19
20     public String getNum1() {

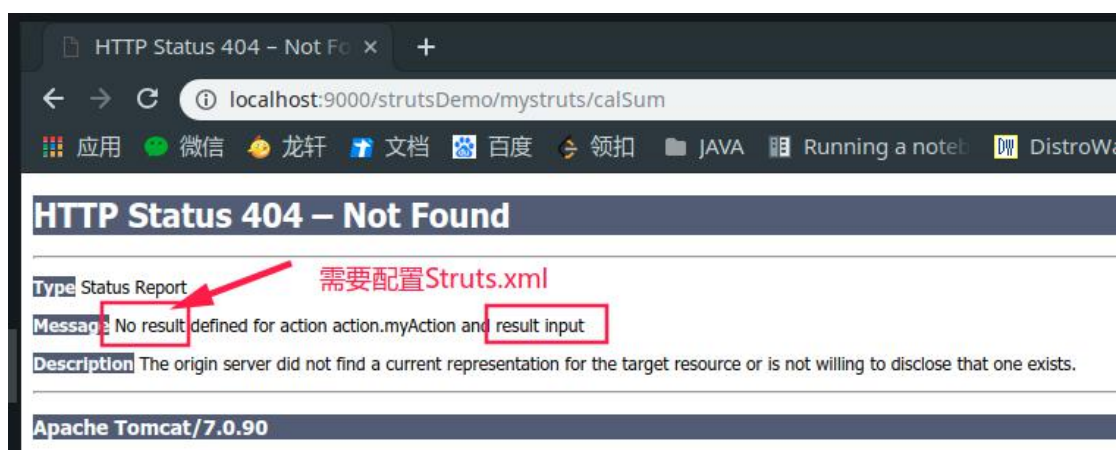
```

addFiledError 抛出用的错误提示，第一个参数要与 jsp 的元素一致，表示在 jsp 显示界面哪个区域抛出错误提示。

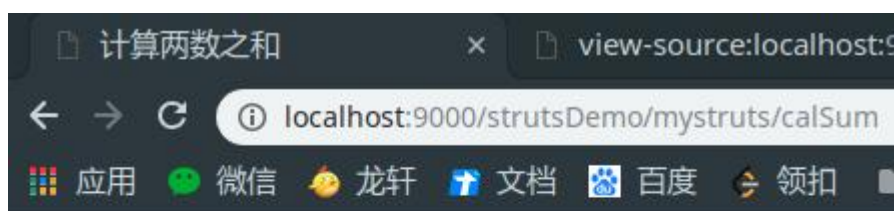
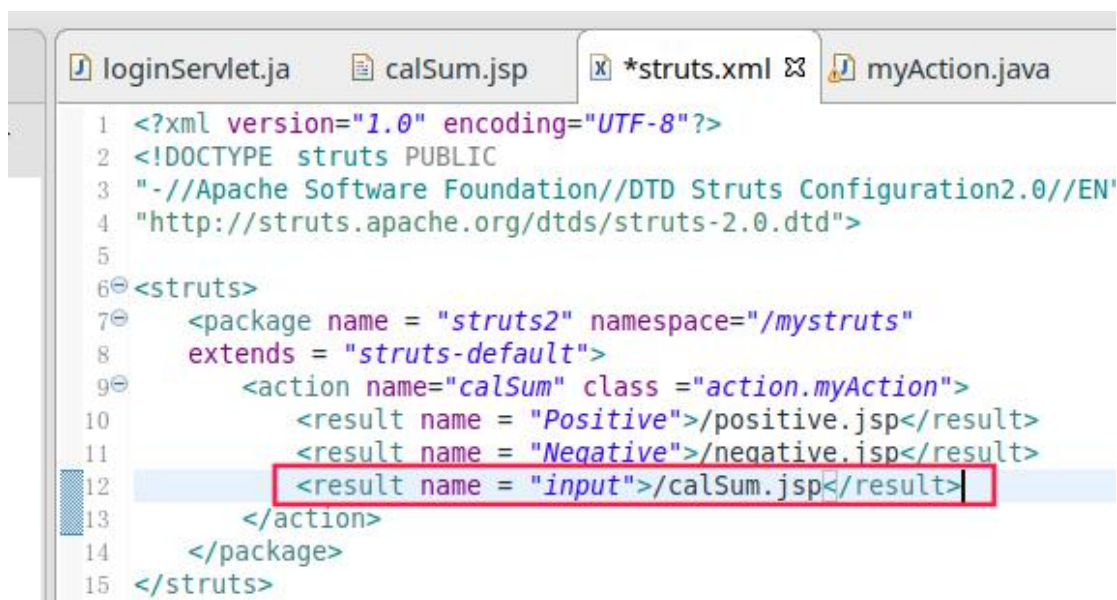
```

50
51 public void validate() {
52     try {
53         n1=Integer.valueOf(num1);
54     } catch (Exception e) {
55         addFiledError("num1", "num1 is not number.");
56     }
57     try {
58         n2=Integer.valueOf(num2);
59     } catch (Exception e) {
60         addFiledError("num2", "num2 is not number.");
61     }
62 }

```



加入 input 表示如果校验没有通过，那么就直接跳转到 calSum.jsp，并且在界面中找到相应的位置显示错误提示信息



求和

num1 is not number.

数1:

数2:

```
1
2
3 <!DOCTYPE html>
4 <html>
5 <head>
6 <meta charset="UTF-8">
7 <title>计算两数之和</title>
8 </head>
9 <body>
10 <h2>求和</h2>
11 <form id="calSum" name="calSum" action="mystruts/calSum" method="post">
12 <table class="wwFormTable">
13 <tr errorFor="calSum_num1">
14 <td align="center" valign="top" colspan="2"><span class="errorMessage">num1 is not number.</span></td>
15 </tr>
16 <tr>
17 <td class="tdLabel"><label for="calSum_num1" class="errorLabel">数1:</label></td>
18 <td>
19 <input type="text" name="num1" value="p" id="calSum_num1"/>
20 </td>
21 </tr>
22
23 <tr>
24 <td class="tdLabel"><label for="calSum_num2" class="label">数2:</label></td>
25 <td>
26 <input type="text" name="num2" value="6" id="calSum_num2"/>
27 </td>
28 </tr>
29
30 <tr>
31 <td colspan="2"><div align="right"><input type="submit" value="求和" id="calSum_0"/>
32 </div></td>
33 </tr>
34
35 </table></form>
36
37
38
39
40 </body>
41 </html>
```