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1.

- **XML struts.xml**
- **JSP taglib (s:form,...)**
-

https://bugs.eclipse.org/bugs/show_bug.cgi?id=330576

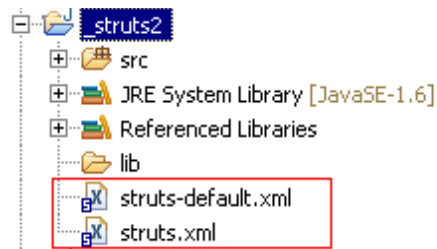
-
-

- **org.eclipse.wst.xml.search.core**
- **org.eclipse.wst.xml.search.ui**
- **org.eclipse.wst.xml.search.editor**
- **org.eclipse.jst.jsp.search.editor**
- **org.eclipse.wst.xml.search.xpath.processors** XPath processor section

- [org.apache.struts2.ide.core](#)
- [org.apache.struts2.ide.ui](#)
- [org.apache.struts2.ide.jsp.core](#)

2.

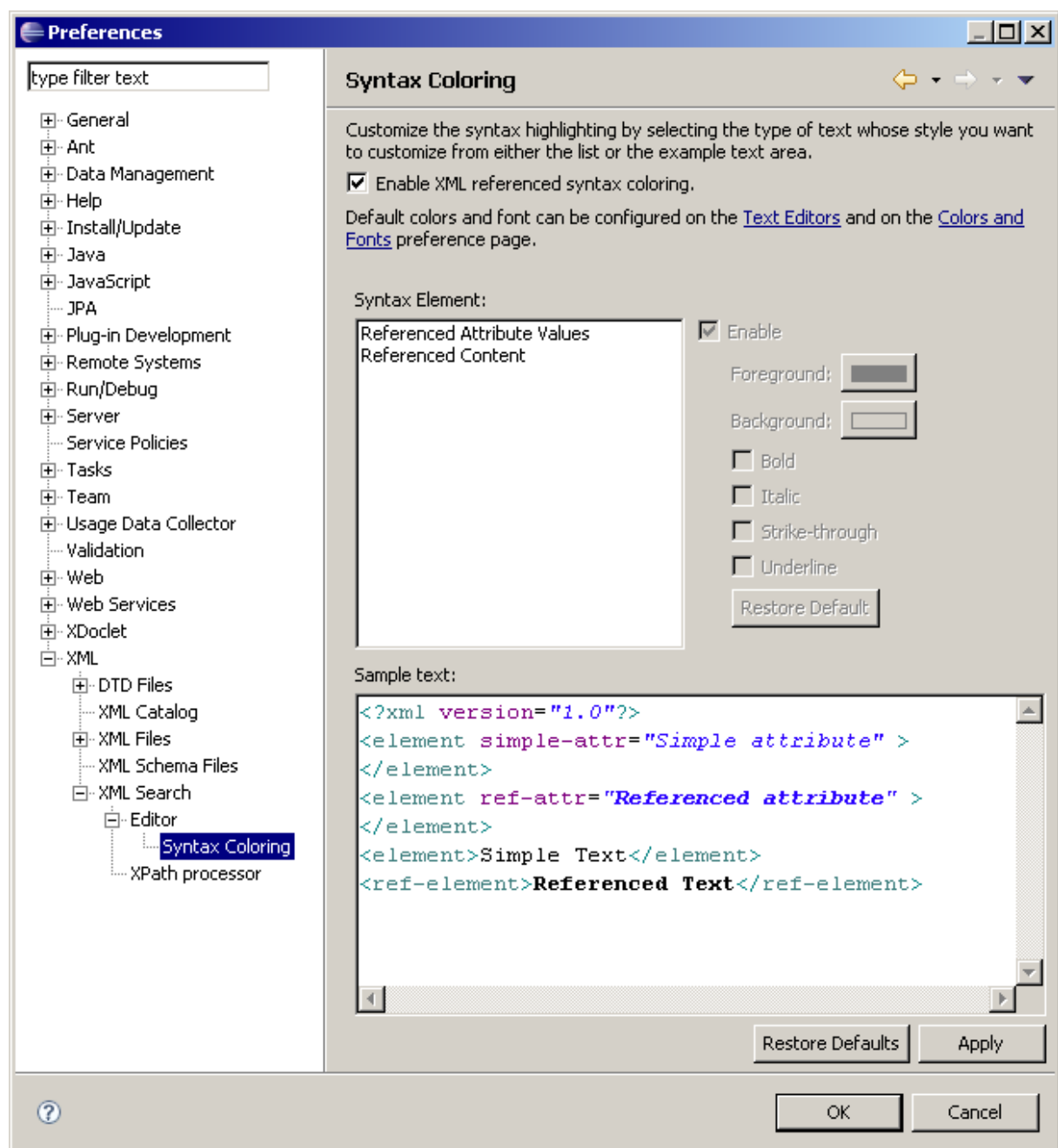
2.1.



2.2.

```
<!DOCTYPE struts PUBLIC
    "-//Apache Software Foundation//DTD Struts Configuration 2.1.7//EN"
    "http://struts.apache.org/dtds/struts-2.1.7.dtd">

<struts>
    <bean class="com.opensymphony.xwork2.ObjectFactory" name="xwork" />
    <bean type="com.opensymphony.xwork2.ObjectFactory" name="struts"
        class="org.apache.struts2.impl.StrutsObjectFactory" />
</struts>
```



2.3.

```
<result-types>
  <result-type name="chain"
    class="com.opensymphony.xwork2.ActionChainResult" />
  <result-type name="dispatcher"
    class="org.apache.struts2.dispatcher"
    default="true" />
  <result-type name="freemarker"
    class="org.apache.struts2.views" />
  <result-type name="httpheader"
    class="org.apache.struts2.dispatcher" />
  <result-type name="redirect"
    class="org.apache.struts2.dispatcher" />
  <result-type name="redirectAction"
    class="org.apache.struts2.dispatcher.ServletActionRedirectResult" />
</result-types>

<action name="hello"
  class="org.apache.struts.helloworld.action.HelloWorldAction"
  method="execute" />
  <result name="success" type="redirect" />
</action>
</package>
</struts-config>
```

Acts as a Struts 2 controller that responds to a user action by setting the value of the Message model class, and returns a String result.

Author:
Bruce Phillips

ActionChainResult - com.opensymphony.xwork2
ActionContext - com.opensymphony.xwork2
ActionSupport - com.opensymphony.xwork2
HelloWorldAction - org.apache.struts.helloworld.action.HelloWorldAction

2.4.

```
<package name="struts-default" abstract="true">
  <result-types>
    <result-type name="chain"
      class="com.opensymphony.xwork2.ActionChainResultXXX" />
    <result-type name="catcher"
      class="com.opensymphony.xwork2.ActionChainResultCatcherResult" />
  </result-types>
</package>
```

Class "com.opensymphony.xwork2.ActionChainResultXXX" not found.
Press 'F2' for focus

2.5.

```
<package name="struts-default" abstract="true">
  <result-types>
    <result-type name="chain"
      class="com.opensymphony.xwork2.ActionChainResult" />
  </result-types>
</package>
```

*struts-default.xml ActionChainResult.class

Class File Editor

Source not found

The JAR file xwork-core-2.2.1.jar has no source attachment.
You can attach the source by clicking Attach Source below:

Attach Source...

// Compiled from ActionChainResult.java (version 1.5 : 49.0, super bit)
public class com.opensymphony.xwork2.ActionChainResult implements com.opensymphony.xwork2.Result {

2.6.

```
<action name="hello"
  class="org.apache.struts.helloworld.action.HelloWorldAction"
  method="execute">
  <result name="success">HelloWorld.jsp</result>
</action>
```

Acts as a Struts 2 controller that responds to a user action by setting the value of the Message model class, and returns a String result.

Author:
Bruce Phillips

Press 'F2' for focus

2.7. [action/@method](#)

```
<!-- If the URL is hello.action the call the execute method of class HelloWorldAction
If the result returned by the execute method is success render HelloWorld.jsp -->
<action name="hello"
  class="org.apache.struts.helloworld.action.HelloWorldAction"
  method="@execute">
  <result name="success">HelloWorld.jsp</result>
</action>
```

ckage>

>

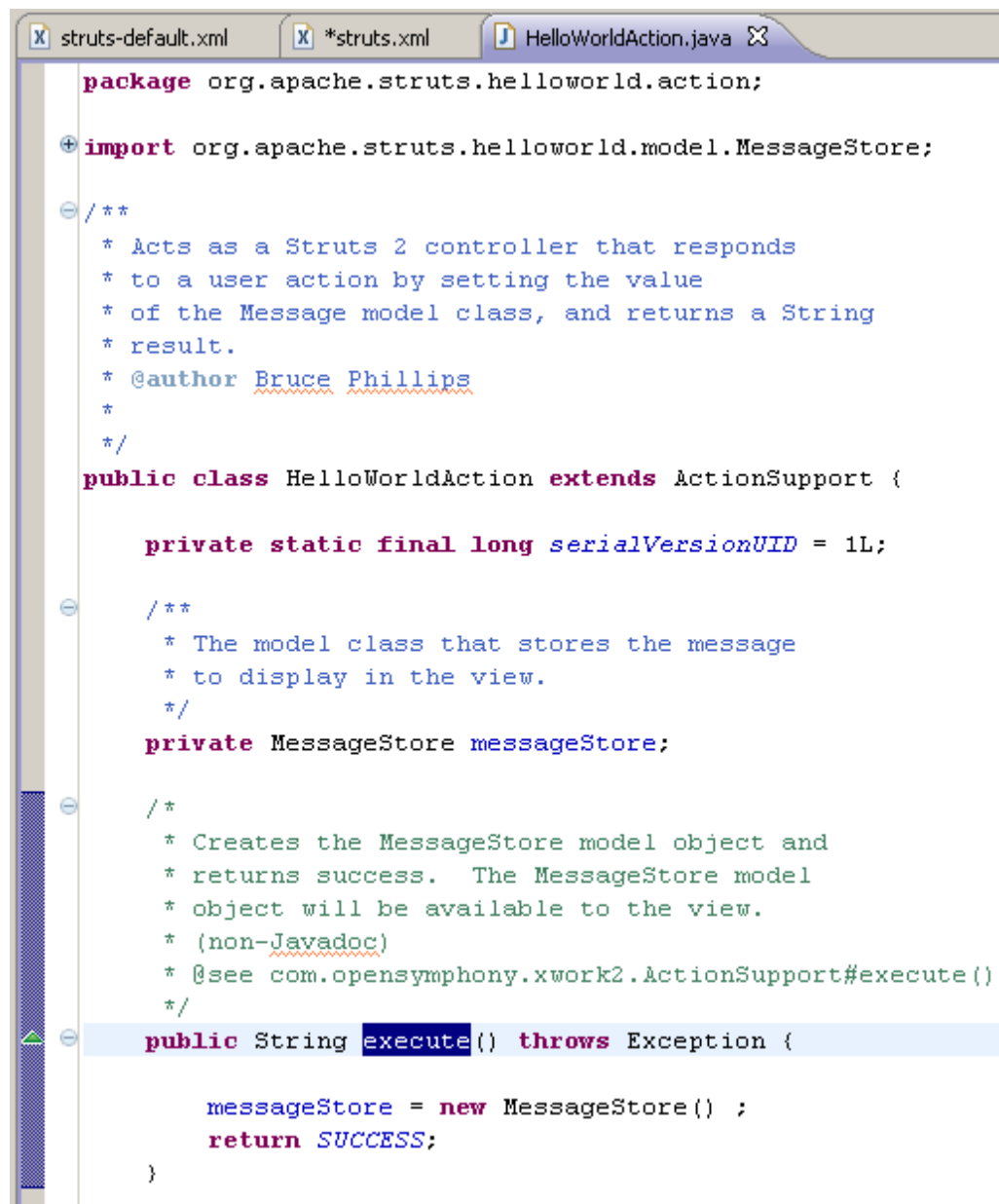
- execute() String - HelloWorldAction
- getMessageStore() MessageStore - HelloWorldAction
- setMessageStore(MessageStore messageStore)

2.8. [action/@method](#)

```
<!-- If the URL is hello.action the call the execute method of class HelloWorldAction
If the result returned by the execute method is success render HelloWorld.jsp -->
<action name="hello"
  class="org.apache.struts.helloworld.action.HelloWorldAction"
  method="@executeXXX">
  <result name="success" type="xslt">/HelloWorld.jsp</result>
</action>
```

2.9.

```
<action name="hello"
  class="org.apache.struts.helloworld.action.HelloWorldAction"
  method="execute">
  <result name="success" type="xslt">/HelloWorld.jsp</result>
</action>
```



```
package org.apache.struts.helloworld.action;

import org.apache.struts.helloworld.model.MessageStore;

/**
 * Acts as a Struts 2 controller that responds
 * to a user action by setting the value
 * of the Message model class, and returns a String
 * result.
 * @author Bruce Phillips
 */
public class HelloWorldAction extends ActionSupport {

    private static final long serialVersionUID = 1L;

    /**
     * The model class that stores the message
     * to display in the view.
     */
    private MessageStore messageStore;

    /**
     * Creates the MessageStore model object and
     * returns success. The MessageStore model
     * object will be available to the view.
     * (non-Javadoc)
     * @see com.opensymphony.xwork2.ActionSupport#execute()
     */
    public String execute() throws Exception {

        messageStore = new MessageStore();
        return SUCCESS;
    }
}
```

2.10.

```
<!-- Sample i18n stack -->
<interceptor-stack name="i18nStack">
  <interceptor-ref name="i18n" />
  <interceptor-ref name="
</interceptor-stack>
```

```
<!--
  An example of the param
  the same as the default
  interceptor before the

  This is useful for when
  object that you wish to
```

- actionMappingParams
- alias
- annotationWorkflow
- autowiring
- basicStack
- chain
- chainStack
- checkbox
- clearSession
- completeStack

Interceptor: actionMappingParams
Class:
org.apache.struts2.interceptor.ActionMappingParams
File: /_struts2/struts-default.xml

2.11.

```
<!-- Sample i18n stack -->
<interceptor-stack name="i18nStack">
  <interceptor-ref name="i18nXXX" />
  <interceptor-ref name="basicStack" />
</interceptor-stack>
```

2.12.

```
<!-- Sample i18n stack -->
<interceptor-stack name="i18nStack">
  <interceptor-ref name="i18n" />
  <interceptor-ref name="basicStack" />
</interceptor-stack>
```

```
<interceptor name="exception"
  class="com.opensymphony.xwork2.interceptor.ExceptionMappingInterceptor" />
<interceptor name="fileUpload"
  class="org.apache.struts2.interceptor.FileUploadInterceptor" />
<interceptor name="i18n"
  class="com.opensymphony.xwork2.interceptor.I18nInterceptor" />
<interceptor name="logger"
```

2.13.

```
<!-- Sample i18n stack -->
<interceptor-stack name="i18nStack">
  <interceptor-ref name="i18n" />
  <interceptor-ref name="basicStack" />
</interceptor-stack>
```

```
<!--
```

An example of the para
the same as the defaul
interceptor before the

This is useful for whe
object that you wish t
or service layer), but

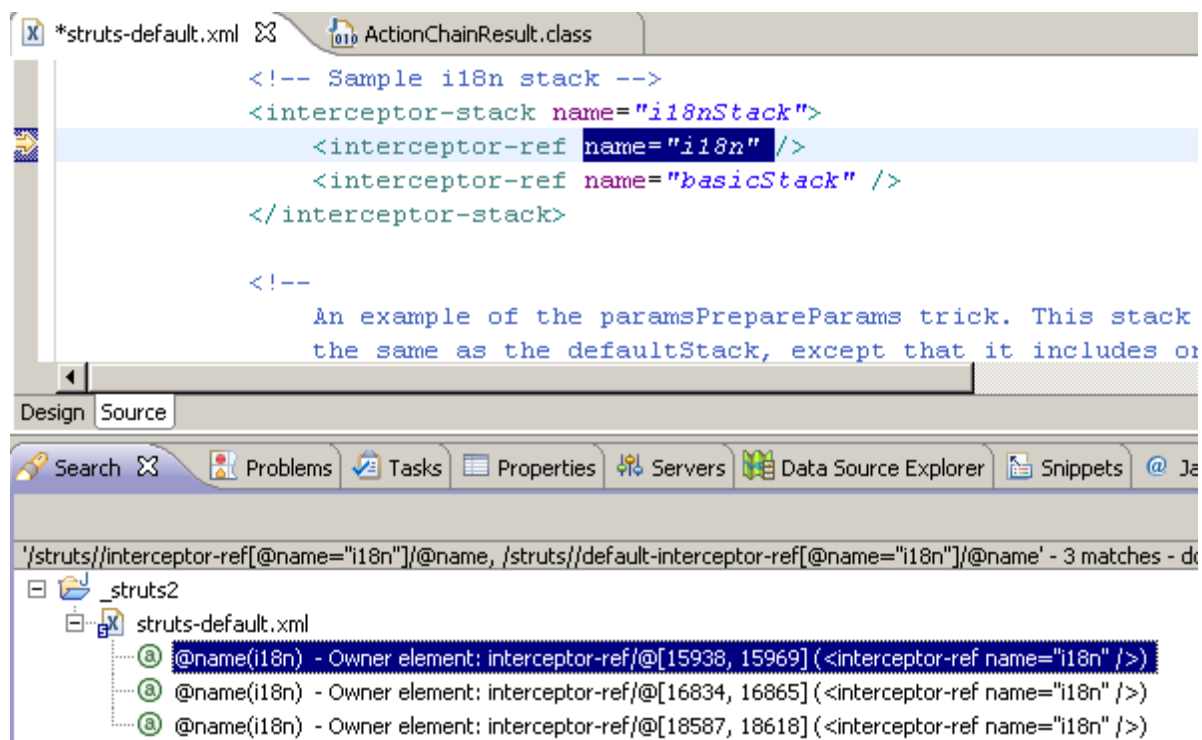
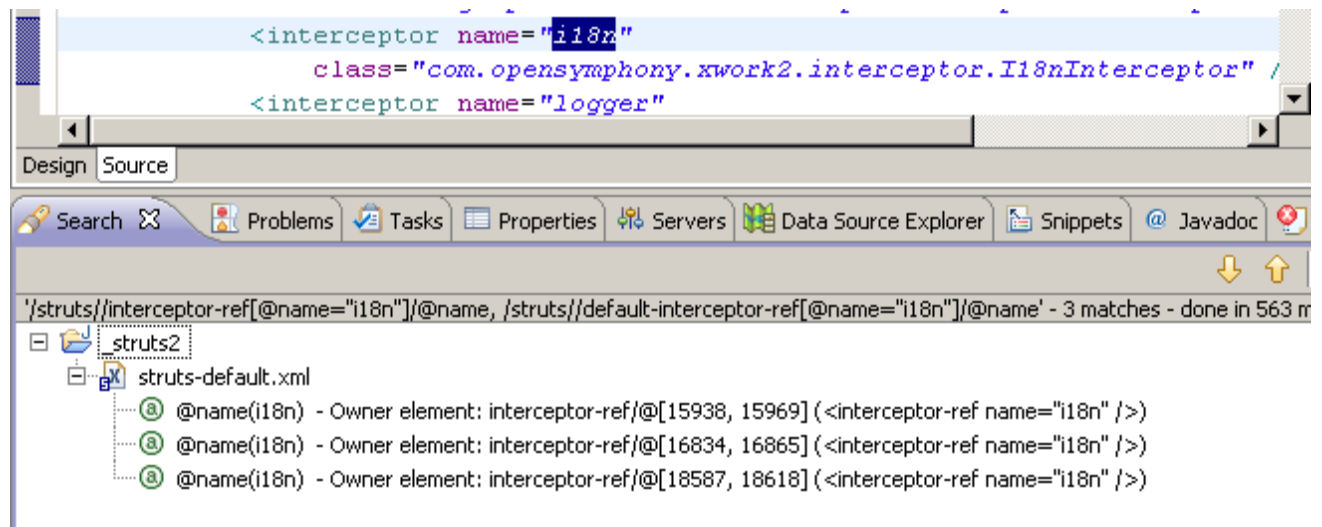
Interceptor Stack: basicStack
Interceptor-ref lists:

- **Interceptor-ref:** exception
- **Interceptor-ref:** servletConfig
- **Interceptor-ref:** prepare
- **Interceptor-ref:** checkbox
- **Interceptor-ref:** multiselect
- **Interceptor-ref:** actionMappingParams
- **Interceptor-ref:** params
- **Interceptor-ref:** conversionError

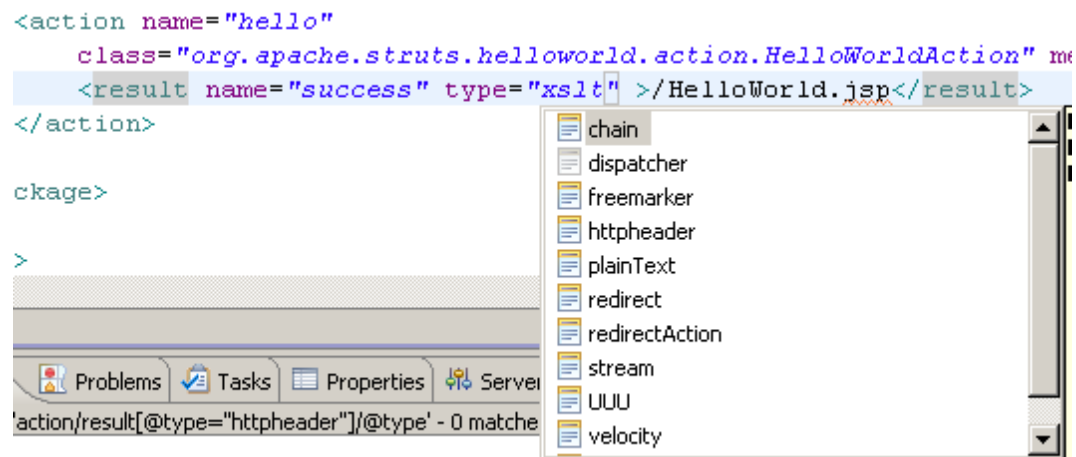
File: /_struts2/struts-default.xml

Press 'F2' for focus

2.14.



2.15.



3.

3.1.

```
<action name="Subscription_save" method="save" class="mailreader2.Subscription">
    <interceptor-ref name="user-submit" />
</action>
```

```
<action name="Subscription_*" method="{1}" class="mailreader2.Subscription" />
```

The screenshot shows an IDE with a Struts2 XML configuration file. The XML content is as follows:

```
<s:form action="Subscription_save" validate="true">
    <s:token />
    <s:hidden name="token" value="" />
    <s:label key="login" />
    <s:if test="true">
        <s:textfield name="username" />
    </s:if>
    <s:else>
        <s:label key="password" />
        <s:password name="password" />
    </s:else>
    <s:button value="Login" />
    <s:button value="Logout" />
    <s:button value="Registration" />
    <s:button value="Subscription_save" />
    <s:button value="Tour" />
    <s:button value="Welcome" />
</s:form>
```

The Node Inspector on the right shows the selected node: **Subscription_save** - [mailreader-support.xml]. The details are:

- Node type: Attribute
- Attr name: name
- Attr value: Subscription_save
- Owner element:
 - @name: Subscription_save
 - @method: save
 - @class: mailreader2.Subscription
- XPath: /struts/package/action[@name="Subscription_save"]/@name
- File: /struts2-mailreader-2.2.1/src/mailreader-support.xml

```
<s:form action="Subscription_saveXXX" validate="true">
    <s:token />
    <s:hidden name="token" value="" />
    <s:label key="login" />
    <s:if test="true">
        <s:textfield name="username" />
    </s:if>
    <s:else>
        <s:label key="password" />
        <s:password name="password" />
    </s:else>
    <s:button value="Login" />
    <s:button value="Logout" />
    <s:button value="Registration" />
    <s:button value="Subscription_saveXXX" />
    <s:button value="Tour" />
    <s:button value="Welcome" />
</s:form>
```

Struts2 action "Subscription_saveXXX" not found.
Press 'F2' for focus

```
<s:form action="Subscription_saveXXX" validate="true">
    <s:token />
```

3.1.1.



3.1.2.

```
<li><a href="<s:url action="Registration_input"/>"><s:text  
name="index.registration"/></a></li>
```


3.2.

```
MailreaderSupport.properties
linkUser.noUser=No user under attribute {0}
login.title=MailReader Demonstration Application - Login
mainMenu.heading=Main Menu Options for
mainMenu.logout=Log off MailReader Demonstration Application
mainMenu.registration=Edit your user registration profile
mainMenu.title=MailReader Demonstration Application - Main M
option.imap=IMAP Protocol
option.pop3=POP3 Protocol
# prompt.
host=Mail Server
password=Password
```

The screenshot shows an IDE with an XML file open. The XML snippet is:

```
<s:label key="username" name="user.username"/>

<s:if test="ta
    <s:textfie
</s:if>
<s:else>
    <s:label k
```

A context menu is open over the `username` attribute, listing several properties. The Properties window on the right displays the details for the selected property:

- Property name: username
- Property value: Username
- File name: MailreaderSupport.properties
- Location: /struts2-mailreader-2.2.1/src/mailreader2/MailreaderSupport.properties

The screenshot shows the same XML file with a context menu open over the `username` attribute. The menu options are:

- Open 'Create'
- Open 'host'
- Open 'host'

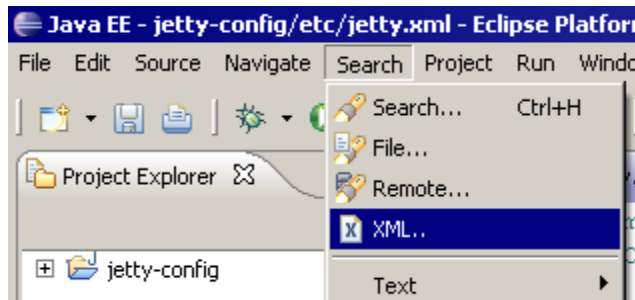
Below the XML snippet, an error message is displayed:

```
Message key "usernameXXX" not found.
Press 'F2' for focus
```

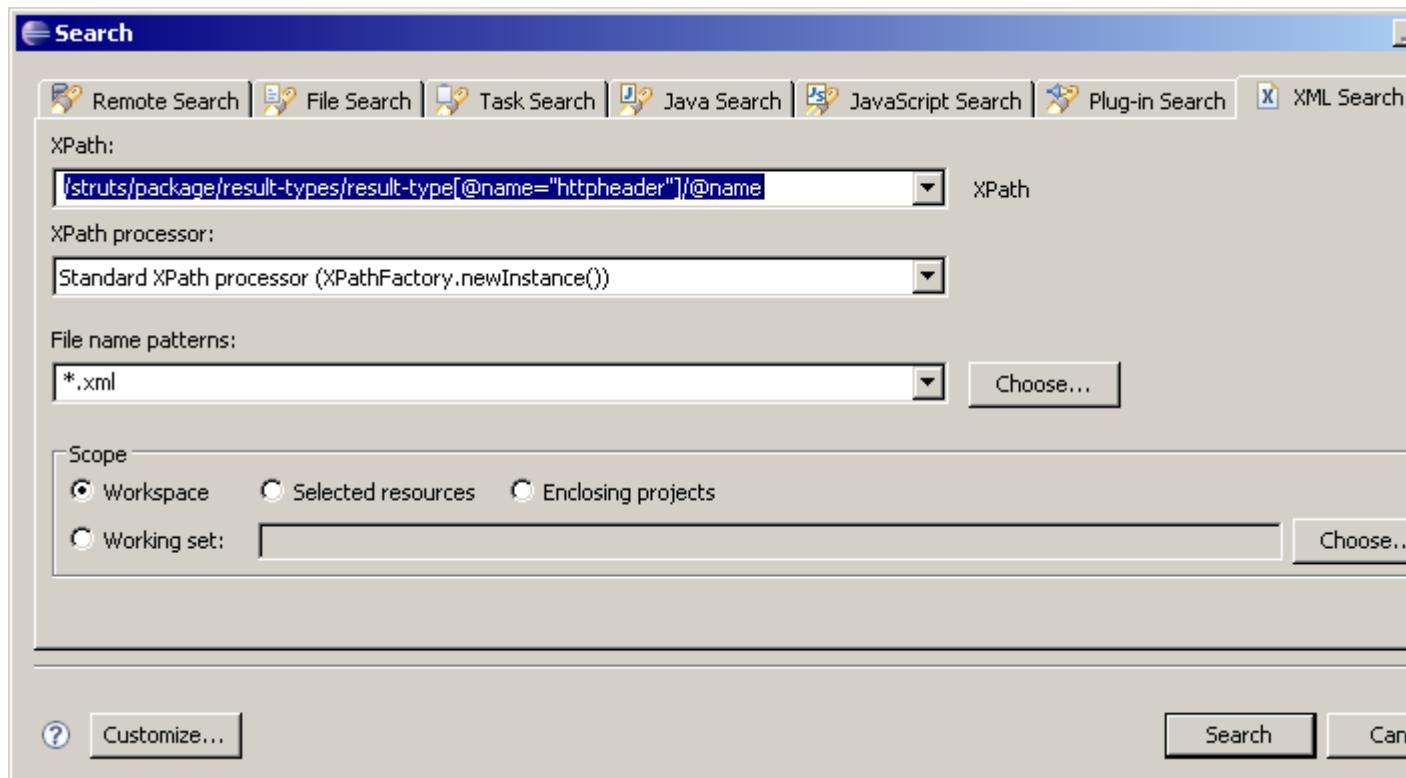
4.

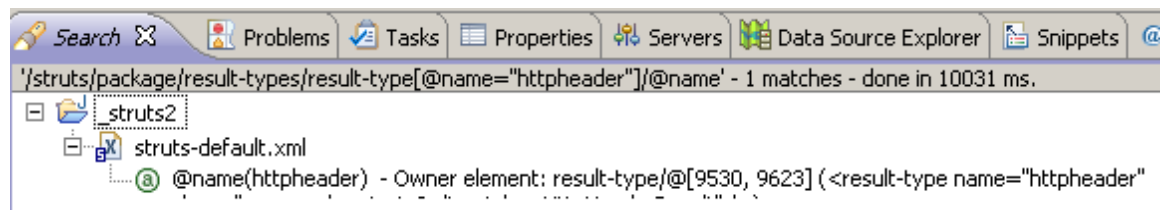
5.

https://bugs.eclipse.org/bugs/show_bug.cgi?id=330576



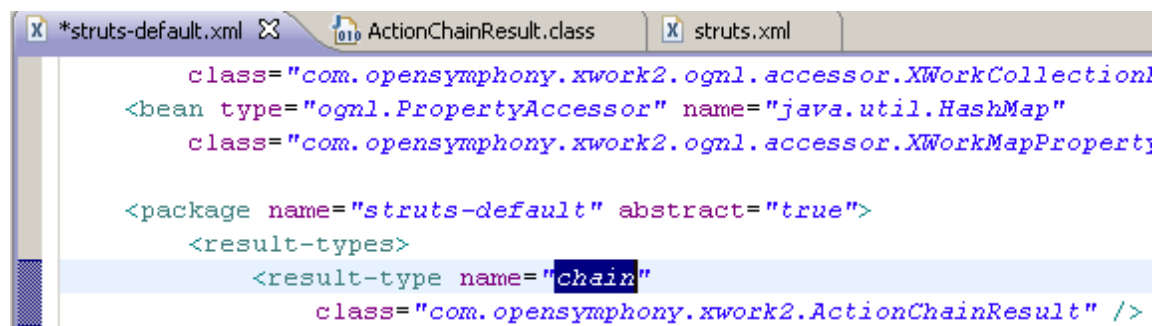
5.1.





5.2.

[/struts/package/result-types/result-type\[@name="chain"\]/@name](#)



Search

Remote Search

File Search

Task Search

Java Search

JavaScript Search

Plug-in Search

XML Search

XPath:

/struts/package/result-types/result-type[@name="chain"]/@name

XPath

XPath processor:

Standard XPath processor (XPathFactory.newInstance())

File name patterns:

*.xml

Choose...

Scope

☒ Workspace

☐ Selected resources

☐ Enclosing projects

☐ Working set:

Choose...

?

Customize...

Search

Can...