

Problems with simple plugin



Alistair Lenhard 37 posts since

Nov 22, 2008

Hello All,

I have an issue with a simple Plugin. It does not seem to find the action class. At least this is what the exception indicates. Maybe one of the pros could have a look at this and give me a hint where to look?

Stacktrace:

SCHWERWIEGEND: Servlet.service() for servlet default threw exceptionAction class [com.SimpleAction] not found - action - file:///C:/jiveHome/cache/plugins/SimpleExamples/struts.xml:6:58

at

com.jivesoftware.base.plugin.PluginConfigurationProvider.verifyAction(PluginConfigurationProvider.java

I checked the struts.xml, but did not find that the paths would be incorrect. Maybe there is something simple that I overlooked?

Here my struts.xml:

```
<!DOCTYPE struts PUBLIC "-//Apache Software Foundation//DTD Struts Configuration 2.0//EN"
```

```
"http://struts.apache.org/dtds/struts-2.0.dtd">
```

```
<struts>
```

```
<package name="example-actions" namespace="" extends="community-actions">
```

```
<!-- Map the action name, sayhello, to the action class, SimpleAction. -->
```

```
<action name="sayhello" class="com.SimpleAction">
```

```
<!-- Specify the FTL file that should be used to present the data in the case of  
a "success" result (the default for an action class). -->
```

```
<result name="success">/resources/Greetings.ftl</result>
```

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```
</action>  
</package>  
</struts>
```

My Action class:

```
package com;
```

```
import com.jivesoftware.community.action.JiveActionSupport;
```

```
public class SimpleAction extends JiveActionSupport {  
    private static final long serialVersionUID = 1L;  
    private String message = "Hello World";  
  
    public String getMessage() {  
        return message;  
    }  
  
    public void setMessage(String message) {  
        this.message = message;  
    }  
}
```

and my plugin.xml:

```
<plugin xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"  
    xsi:noNamespaceSchemaLocation="http://www.jivesoftware.com/schemas/clearspace/2\_5/plugin.xsd">  
    <name>SimpleExamples</name>
```

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```
<description>Simple macro and plugin examples.</description>
<author>Me</author>
<version>1.0.0</version>
<minServerVersion>1.3</minServerVersion>
```

```
<components>
  <component id="user-bar">
    <tab id="jiveUserMenu5">
      <item id="sayhello" name="Say Hello">
        <url><![CDATA[<@ww.url action="sayhello" />]]></url>
      </item>
    </tab>
  </component>
</components>
</plugin>
```



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Apr 14, 2008 1. **Re: Problems with simple plugin** Jan 10, 2009 9:34 AM

A couple of things to check:

1. Do you see your plugins under admin console -> system -> plugins?
2. Does your class live in /com/ SimpleAction.class ?

Attachments:



[image.gif](#) (2.0 K)



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Nov 22, 2008 2. **Re: Problems with simple plugin** Jan 10, 2009 11:07 AM

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1) Yes.

I see the plugin in the admin section and also where I installed it. It can be executed, but it does not do anything except give me this exception for the action.

2)Yes.

The class lives under com- please see the complete path on my server: C:\jiveHome\cache\plugins\simpleexamples\com

Thanks,

Alistair



[Stewart Wachs](#) 3,666 posts since

Apr 14, 2008 **3. Re: Problems with simple plugin** Jan 10, 2009 11:50 AM

Alistair - It looks like your plugin packing is a little off. For Clearspace plugins, compiled classes must live in <plugin root>/classes. Check out this doc more details: [Building Plugins](#)



[Alistair Lenhard](#) 37 posts since

Nov 22, 2008 **4. Re: Problems with simple plugin** Jan 13, 2009 11:18 AM

Hi,

thanks for your help so far.

Maybe I am not understanding right.

- I do not really see any difference when I compare my project structure to the one that is documented under your link - except for that the folder that I use is not called classes.
- When I add a folder called classes manually in there and put my package in it - I get the same error message as before.
- I attached my jar file as a zip so that the structure that I use could easily be reproduced. I believe this will help to understand my problem.

Do you have a more specific hint what I could try to do? It is definitely something very simple. I am pretty sure.

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Also when I upload as administrator it is stored under \my path\cache\plugins. Is that correct?

Looking forward to your answer.

Alistair

Attachments:

- [test7.zip](#) (4.7 K)



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Nov 22, 2008 5. **Re: Problems with simple plugin** Jan 24, 2009 12:16 PM

Ok,

I think I got the problems with my structure solved. Eclipse does not let you create that folder so easily and save all the classes in there. So now I did that with ant and it worked like a charm. Also deploying is easier than doing this manually.

However now I get this message when I start my plugin:

`java.io.FileNotFoundException: Template /resources/Greetings.ftl not found`

Below is an excerpt from my struts.xml. The Greetings file is in the jar under resources/Greetings.ftl

```
<package name="example-actions" namespace="/" extends="community-actions">
```

```
    <action name="sayhello"
```

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```
class="com.ale.HelloWorldAction">  
<result name="success">/resources/Greetings.ftl</result>  
</action>  
</package>
```

I do not really know what I am missing here...

Alistair



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Nov 22, 2008 6. **Re: Problems with simple plugin** Jan 24, 2009 12:31 PM

Forget it... problem solved.

Just read in a different thread that this here has to be considered in the path to the self defined ftl files:

plugins/[Name of my own plugin as defined in plugin.xml]/resources/Greetings.ftl

Seems like a feature 😊