

Velocity Services - Defect #969

NPE on service call

01/04/2016 02:10 PM - Robert Ivens

Status:	Resolved	Start date:	01/04/2016
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:			
Browser (if web client):			

Description

I have a module with a bunch of service calls. When I run the module (in developer) I can call the services without any problems. The moment I link the module to my main solution (in developer) I suddenly get the following NPE.

```
java.lang.NullPointerException
    at net.stuff.servoy.plugin.velocity.VelocityProvider.invokeService (VelocityProvider.java:2
74)
    at net.stuff.servoy.plugin.velocity.VelocityProvider.js_invokeService (VelocityProvider.jav
a:213)
    at sun.reflect.NativeMethodAccessorImpl.invoke0 (Native Method)
    at sun.reflect.NativeMethodAccessorImpl.invoke (NativeMethodAccessorImpl.java:39)
    at sun.reflect.DelegatingMethodAccessorImpl.invoke (DelegatingMethodAccessorImpl.java:25)
    at java.lang.reflect.Method.invoke (Method.java:597)
    at org.mozilla.javascript.MemberBox.invoke (MemberBox.java:158)
    at org.mozilla.javascript.NativeJavaMethod.call (NativeJavaMethod.java:312)
    at org.mozilla.javascript.Interpreter.interpretLoop (Interpreter.java:1774)
    at org.mozilla.javascript.Interpreter.interpret (Interpreter.java:837)
    at org.mozilla.javascript.InterpretedFunction.call (InterpretedFunction.java:158)
    at org.mozilla.javascript.ContextFactory.doTopCall (ContextFactory.java:406)
    at org.mozilla.javascript.ScriptRuntime.doTopCall (ScriptRuntime.java:3204)
    at org.mozilla.javascript.InterpretedFunction.exec (InterpretedFunction.java:168)
    at org.mozilla.javascript.Context.evaluateString (Context.java:1121)
    at com.servoy.eclipse.debug.scriptingconsole.CommandHandler$1.run (CommandHandler.java:67)
    at java.awt.event.InvocationEvent.dispatch (InvocationEvent.java:199)
    at java.awt.EventQueue.dispatchEventImpl (EventQueue.java:715)
    at java.awt.EventQueue.access$400 (EventQueue.java:82)
    at java.awt.EventQueue$2.run (EventQueue.java:676)
    at java.awt.EventQueue$2.run (EventQueue.java:674)
    at java.security.AccessController.doPrivileged (Native Method)
    at java.security.AccessControlContext$1.doIntersectionPrivilege (AccessControlContext.java:
86)
    at java.awt.EventQueue.dispatchEvent (EventQueue.java:685)
    at java.awt.EventDispatchThread.pumpOneEventForFilters (EventDispatchThread.java:296)
    at java.awt.EventDispatchThread.pumpEventsForFilter (EventDispatchThread.java:211)
    at java.awt.EventDispatchThread.pumpEventsForHierarchy (EventDispatchThread.java:201)
    at java.awt.EventDispatchThread.pumpEvents (EventDispatchThread.java:196)
    at java.awt.EventDispatchThread.pumpEvents (EventDispatchThread.java:188)
    at java.awt.EventDispatchThread.run (EventDispatchThread.java:122)
```

Servoy version 7.4.5 -releaseNumber 2041

Java 1.6.0_65

Velocity v3.5.33

History

#1 - 01/04/2016 05:19 PM - Patrick Talbot

The thing is that invokeService is expecting the service definition to be in the main solution.

Perhaps I could add a 'solution' parameter to the invokeService() call, although I wonder where I should place it as Java might confuse it with the parameters Object (a String being an Object), so it's a little tricky.

In any case it should work if you place your "services" json in the main solution in config.json

You could do it in a more reusable way by putting your services definitions inside a separate file alongside the config.json file and then place a `#parse("services.json")` (or `#include()` if you're not using any dynamic variables in there) at the place where your services should be.

#2 - 01/04/2016 05:35 PM - Robert Ivens

- Status changed from New to Resolved

Ah, I knew I was overlooking something. The solution name.

The `#parse("services.json")` approach works for me, thanks!

Perhaps the plugin can give an error msg that says that the solution/service combo is not available in the config.json?

#3 - 01/04/2016 05:41 PM - Patrick Talbot

Perhaps, yes. I'll see what I can do.