

KeyListenerers Plugin - Defect #229

KeyListener() Not Releasing Other Methods

02/10/2011 08:32 PM - Kim Premuda

Status:	Closed	Start date:	02/10/2011
Priority:	Normal	Due date:	
Assignee:	Patrick Talbot	% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:			
Browser (if web client):			
Description			
<p>Patrick - it was great meeting you at Servoy World! You asked me to remind you about this problem by posting it on ServoyForge. I use the keyListener(event) method many times in different modules within the same solution. In each keyListener(event) instance, I want to call another method called quickSearch() which is unique to each module. However, repeatedly using the same method name 'quickSearch' causes an error, and I have to resort to uniquely naming all 'quickSearch()' methods by appending a suffix to them (e.g. quickSearch_1(), quickSearch_2(), quickSearch_3(), etc.).</p> <p>You thought the problem had to do with improper clean-up of some list in Java and that the method name was not being deleted...or, something to that effect. I hope this helps you to recall the issue.</p> <pre>function keyListener(event) { quickSearch_1(searchText) }</pre>			

History

#1 - 02/14/2011 02:49 PM - Patrick Talbot

Hi Kim, nice meeting you indeed!

I will have another look at this asap. Can you remind me the Servoy version and OS you have used for these results?

Thanks!

#2 - 02/14/2011 05:57 PM - Kim Premuda

Currently, I am using Servoy v5.2.5 running on Windows 7 Ultimate v 6.1 build 7600. Although the problem is currently present in Servoy v5.2.5, it was present in previous versions of Servoy 5.2.x running on Windows 7. I believe the problem was also happening on my old laptop computer which was running Vista.

Thanks for looking into this!

#3 - 02/15/2011 06:30 PM - Patrick Talbot

- File *KeyListenerersExample.servoy* added

- Status changed from *New* to *In Progress*

Hi Kim,

I just did a quick test, duplicating a form and keeping the names of methods and elements the same on both form and adding an output to see which callback method was called and I couldn't reproduce your issue. Clearly you are doing something somewhere which is triggering this...

Have a look at the sample attached (import in 5.2.5) and tell me how it goes for you.

Also make sure you are using the v1.2 jar from the [Files section](#)

If it is working in this sample but still not working for you, could you make a sample solution were I can see the behavior you have?

Thanks in advance.

#4 - 02/16/2011 01:20 AM - Kim Premuda

Hi, Patrick.

I downloaded and successfully ran your keyListenersExample.servoy solution (I think it is the same one you sent to me last August). Since I patterned

my code after your examples, I still could not see why your code worked and my code did not (they are similar in construct). In frustration, I was going to send you my form's .js file for you to peruse. The .js file contained other superfluous methods and variables, so I decided to delete the non-germane code when I came across an unused form variable named 'quickSearch' which matched the 'quickSearch()' method name. I deleted the variable and 'voila' (sorry, my French is limited), the quickSearch() method executed without throwing an error!

To confirm that the same-named variable caused the problem, I attempted to re-create it, but Servoy would not allow it and emitted the message 'The method with the name quickSearch already exists'. I am perplexed as to how I was able to create 20 different forms containing the same-named variable and method. Perhaps, I started working with the keyListener plug-in in an earlier version of Servoy that did not trap this condition.

Regardless, the problem is on my end and the keyListener plug-in works fine. Thanks for all your hard work and dedication...I really appreciate your efforts!

#5 - 02/16/2011 02:35 AM - Patrick Talbot

- *Status changed from In Progress to Closed*

I would have never thought of that, but it's true that the callback is done from the name of the function, so I guess Rhino was confused about it. Maybe if you do the opposite (create a variable then create a function with the same name) you will end up with the same problem. Anyway, I'm glad to know it works in the end! Bravo!

Files

keyListenersExample.servoy	6.25 KB	02/15/2011	Patrick Talbot
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