

## Re: Listeners Firing Too Often

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*Source:* <http://coding.derkeiler.com/Archive/Java/comp.lang.java.gui/2007-02/msg00143.html>

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- *From:* "Jason Cavett" <[jason.cavett@xxxxxxxx](mailto:jason.cavett@xxxxxxxx)>
  - *Date:* 23 Feb 2007 07:58:05 -0800
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On Feb 22, 4:07 pm, "Jason Cavett" <[jason.cavett@xxxxxxxx](mailto:jason.cavett@xxxxxxxx)> wrote:

I am developing a GUI (in Java, of course) that has a JTree on the left hand side of the window (similar to Windows Explorer or something like that) and on the right hand side the user can open various property windows to edit the items in the JTree.

The issue I'm having is this...

I have added a key listener to one of the property windows so that, when the user hits the delete key, they can delete parts of the equation they constructed (mathematical equations). The JTree also has a separate key listener that will delete the selected nodes in the tree if I hit the delete key. Both these keylisteners work fine on their own.

However, when I open up the property window and highlight part of the equation and hit the delete key, not only does that part of the equation delete, but then the JTree also captures the KeyAction and deletes the currently selected node in the JTree.

I have no clue why this is happening. The JTree doesn't have direct focus. I haven't been able to find any real connection between the two components.

Any ideas/suggestions/?

Solution:

Both listeners worked fine on their own. The issue was that the main menu bar used the VK\_DELETE accelerator for it's Delete menu option. So, when the user pressed "Delete" on the keyboard, the menu bar fired "deletes" to ALL components in the GUI.

I updated the GUI so that when the user hits the Delete key, delete is only fired on the component that currently has focus.