

Kepler - Bug #5414

fileparameter browse has NPE

05/27/2011 02:12 PM - Daniel Crawl

Status:	Resolved	Start date:	05/27/2011
Priority:	Normal	Due date:	
Assignee:	Christopher Brooks	% Done:	0%
Category:	general	Estimated time:	0.00 hour
Target version:	2.3.0	Spent time:	0.00 hour
Bugzilla-Id:	5414		
Description			
FileParameter browse button throws an NPE on Mac. No error on linux.			
<pre>[run] Exception in thread "AWT-EventQueue-0" java.lang.NullPointerException [run] at ptolemy.gui.Query\$QueryFileChooser._actionPerformed(FileDialog(Query.java:2065) [run] at ptolemy.gui.Query\$QueryFileChooser.actionPerformed(Query.java:2026) [run] at javax.swing.AbstractButton.fireActionPerformed(AbstractButton.java:2028) [run] at javax.swing.AbstractButton\$Handler.actionPerformed(AbstractButton.java:2351) [run] at javax.swing.DefaultButtonModel.fireActionPerformed(DefaultButtonModel.java:387) [run] at javax.swing.DefaultButtonModel.setPressed(DefaultButtonModel.java:242) [run] at javax.swing.plaf.basic.BasicButtonListener.mouseReleased(BasicButtonListener.java:236) [run] at java.awt.Component.processMouseEvent(Component.java:6374) [run] at javax.swing.JComponent.processMouseEvent(JComponent.java:3267) [run] at java.awt.Component.processEvent(Component.java:6139) [run] at java.awt.Container.processEvent(Container.java:2085) [run] at java.awt.Component.dispatchEventImpl(Component.java:4736) [run] at java.awt.Container.dispatchEventImpl(Container.java:2143) [run] at java.awt.Component.dispatchEvent(Component.java:4566) [run] at java.awt.LightweightDispatcher.retargetMouseEvent(Container.java:4621) [run] at java.awt.LightweightDispatcher.processMouseEvent(Container.java:4282) [run] at java.awt.LightweightDispatcher.dispatchEvent(Container.java:4212) [run] at java.awt.Container.dispatchEventImpl(Container.java:2129) [run] at java.awt.Window.dispatchEventImpl(Window.java:2478) [run] at java.awt.Component.dispatchEvent(Component.java:4566) [run] at java.awt.EventQueue.dispatchEventImpl(EventQueue.java:680) [run] at java.awt.EventQueue.access\$000(EventQueue.java:86) [run] at java.awt.EventQueue\$1.run(EventQueue.java:639) [run] at java.awt.EventQueue\$1.run(EventQueue.java:637) [run] at java.security.AccessController.doPrivileged(Native Method) [run] at java.security.AccessControlContext\$1.doIntersectionPrivilege(AccessControlContext.java:87) [run] at java.security.AccessControlContext\$1.doIntersectionPrivilege(AccessControlContext.java:98) [run] at java.awt.EventQueue\$2.run(EventQueue.java:653) [run] at java.awt.EventQueue\$2.run(EventQueue.java:651) [run] at java.security.AccessController.doPrivileged(Native Method) [run] at java.security.AccessControlContext\$1.doIntersectionPrivilege(AccessControlContext.java:87) [run] at java.awt.EventQueue.dispatchEvent(EventQueue.java:650) [run] at java.awt.EventDispatchThread.pumpOneEventForFilters(EventDispatchThread.java:296) [run] at java.awt.EventDispatchThread.pumpEventsForFilter(EventDispatchThread.java:211) [run] at java.awt.EventDispatchThread.pumpEventsForFilter(EventDispatchThread.java:205) [run] at java.awt.Dialog\$1.run(Dialog.java:1046) [run] at java.awt.Dialog\$3.run(Dialog.java:1098) [run] at java.security.AccessController.doPrivileged(Native Method) [run] at java.awt.Dialog.show(Dialog.java:1096) [run] at java.awt.Component.show(Component.java:1585) [run] at java.awt.Component.setVisible(Component.java:1537) [run] at java.awt.Window.setVisible(Window.java:842) [run] at java.awt.Dialog.setVisible(Dialog.java:986)</pre>			

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[run] at ptolemy.gui.ComponentDialog.&lt;init&gt;(ComponentDialog.java:209)
[run] at ptolemy.gui.ComponentDialog.&lt;init&gt;(ComponentDialog.java:122)
[run] at ptolemy.gui.ComponentDialog.&lt;init&gt;(ComponentDialog.java:101)
[run] at ptolemy.actor.gui.EditParametersDialog.&lt;init&gt;(EditParametersDialog.java:1
05)
[run] at ptolemy.actor.gui.EditParametersDialog.&lt;init&gt;(EditParametersDialog.java:9
3)
[run] at ptolemy.vergil.toolbox.ConfigureAction._openDialog(ConfigureAction.java:145)
[run] at ptolemy.vergil.toolbox.ConfigureAction.actionPerformed(ConfigureAction.java:99)
[run] at diva.canvas.interactor.ActionInteractor.mousePressed(ActionInteractor.java:74)
[run] at diva.canvas.interactor.CompositeInteractor.mousePressed(CompositeInteractor.jav
a:199)
[run] at diva.canvas.interactor.SelectionInteractor.mousePressed(SelectionInteractor.jav
a:202)
[run] at diva.canvas.FigureLayer.dispatchEventUpTree(FigureLayer.java:551)
[run] at diva.canvas.FigureLayer.grabPointer(FigureLayer.java:319)
[run] at diva.canvas.FigureLayer.processLayerEvent(FigureLayer.java:673)
[run] at diva.canvas.FigureLayer.dispatchEvent(FigureLayer.java:203)
[run] at diva.canvas.CanvasPane.processLayerEvent(CanvasPane.java:280)
[run] at diva.canvas.CanvasPane.dispatchEvent(CanvasPane.java:89)
[run] at diva.canvas.JCanvas.internalProcessMouseEvent(JCanvas.java:518)
[run] at diva.canvas.JCanvas.processMouseEvent(JCanvas.java:472)
[run] at java.awt.Component.processEvent(Component.java:6139)
[run] at java.awt.Container.processEvent(Container.java:2085)
[run] at java.awt.Component.dispatchEventImpl(Component.java:4736)
[run] at java.awt.Container.dispatchEventImpl(Container.java:2143)
[run] at java.awt.Component.dispatchEvent(Component.java:4566)
[run] at java.awt.LightweightDispatcher.retargetMouseEvent(Container.java:4621)
[run] at java.awt.LightweightDispatcher.processMouseEvent(Container.java:4279)
[run] at java.awt.LightweightDispatcher.dispatchEvent(Container.java:4212)
[run] at java.awt.Container.dispatchEventImpl(Container.java:2129)
[run] at java.awt.Window.dispatchEventImpl(Window.java:2478)
[run] at java.awt.Component.dispatchEvent(Component.java:4566)
[run] at java.awt.EventQueue.dispatchEventImpl(EventQueue.java:680)
[run] at java.awt.EventQueue.access$000(EventQueue.java:86)
[run] at java.awt.EventQueue$1.run(EventQueue.java:639)
[run] at java.awt.EventQueue$1.run(EventQueue.java:637)
[run] at java.security.AccessController.doPrivileged(Native Method)
[run] at java.security.AccessControlContext$1.doIntersectionPrivilege(AccessControlConte
xt.java:87)
[run] at java.security.AccessControlContext$1.doIntersectionPrivilege(AccessControlConte
xt.java:98)
[run] at java.awt.EventQueue$2.run(EventQueue.java:653)
[run] at java.awt.EventQueue$2.run(EventQueue.java:651)
[run] at java.security.AccessController.doPrivileged(Native Method)
[run] at java.security.AccessControlContext$1.doIntersectionPrivilege(AccessControlConte
xt.java:87)
[run] at java.awt.EventQueue.dispatchEvent(EventQueue.java:650)
[run] at java.awt.EventDispatchThread.pumpOneEventForFilters(EventDispatchThread.java:29
6)
[run] at java.awt.EventDispatchThread.pumpEventsForFilter(EventDispatchThread.java:211)
[run] at java.awt.EventDispatchThread.pumpEventsForHierarchy(EventDispatchThread.java:20
1)
[run] at java.awt.EventDispatchThread.pumpEvents(EventDispatchThread.java:196)
[run] at java.awt.EventDispatchThread.pumpEvents(EventDispatchThread.java:188)
[run] at java.awt.EventDispatchThread.run(EventDispatchThread.java:122)

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History

#1 - 05/31/2011 02:47 PM - Christopher Brooks

Fixed.

I'm in the process of updating the file browser dialogs to use `java.awt.FileDialog` under Mac OS X so that users have a more native look and feel. Other platforms will continue to use `javax.swing.JFileChooser`. There is a property that can be set to control which browser is used, see `ptolemy.gui.PtGUIUtilities`.

The problem is that under Mac OS X, `java.awt.FileDialog.getFile()` returns the file, but not the directory.

#2 - 03/27/2013 02:30 PM - Redmine Admin

Original Bugzilla ID was 5414