

Kepler - Bug #5258

kepler start exception when soft links are in KeplerData/workflows/MyWorkflows

12/17/2010 10:09 AM - jianwu jianwu

Status:	New	Start date:	12/17/2010
Priority:	Normal	Due date:	
Assignee:	David Welker	% Done:	0%
Category:	build system	Estimated time:	0.00 hour
Target version:	Unspecified	Spent time:	0.00 hour
Bugzilla-Id:	5258		

Description

in trunk version 26536, menu item 'File --> Open' can open workflow xml file or kar file and the default directory is KeplerData/workflows/MyWorkflows.

When I create a soft link in KeplerData/workflows/MyWorkflows and restart kepler. Kepler can not start correctly. The exception message is blow.

Also the old "File --> Open File" menu item can remember the last used directory and use it for the next opening. "File --> Open" only go to the 'KeplerData/workflows/MyWorkflows' directory. Its usability is not as good as before.

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[run] java.lang.Exception: /Users/jianwu/KeplerData/workflows/MyWorkflows/useful-workflows/MultiDi
splay is not in a local repository
[run]   at org.kepler.objectmanager.library.LibIndex.assureFolder(LibIndex.java:1549)
[run]   at org.kepler.objectmanager.library.LibIndex.assureKar(LibIndex.java:1479)
[run]   at org.kepler.objectmanager.library.LibIndex.assureKarEntry(LibIndex.java:539)
[run]   at org.kepler.objectmanager.library.LibIndex.rebuild(LibIndex.java:268)
[run]   at org.kepler.objectmanager.library.LibraryManager.buildLibrary(LibraryManager.jav
a:357)
[run]   at org.kepler.moml.KARLibraryBuilder.buildLibrary(KARLibraryBuilder.java:78)
[run]   at ptolemy.actor.gui.UserActorLibrary.openLibrary(UserActorLibrary.java:202)
[run]   at ptolemy.actor.gui.UserActorLibrary.openUserLibrary(UserActorLibrary.java:140)
[run]   at ptolemy.vergil.VergilApplication._createDefaultConfiguration(VergilApplication.
java:330)
[run]   at ptolemy.vergil.VergilApplication._createEmptyConfiguration(VergilApplication.ja
va:347)
[run]   at ptolemy.actor.gui.ConfigurationApplication._parseArgs(ConfigurationApplication.
java:1115)
[run]   at ptolemy.vergil.VergilApplication._parseArgs(VergilApplication.java:477)
[run]   at ptolemy.actor.gui.ConfigurationApplication.&lt;init&gt;(ConfigurationApplicatio
n.java:226)
[run]   at ptolemy.actor.gui.MoMLApplication.&lt;init&gt;(MoMLApplication.java:80)
[run]   at ptolemy.vergil.VergilApplication.&lt;init&gt;(VergilApplication.java:110)
[run]   at ptolemy.vergil.VergilApplication$1.run(VergilApplication.java:219)
[run]   at java.awt.event.InvocationEvent.dispatch(InvocationEvent.java:209)
[run]   at java.awt.EventQueue.dispatchEvent(EventQueue.java:633)
[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)
[run] java.lang.Exception
[run]   at org.kepler.objectmanager.library.LibIndex.assureKar(LibIndex.java:1482)
[run]   at org.kepler.objectmanager.library.LibIndex.assureKarEntry(LibIndex.java:539)
[run]   at org.kepler.objectmanager.library.LibIndex.rebuild(LibIndex.java:268)
[run]   at org.kepler.objectmanager.library.LibraryManager.buildLibrary(LibraryManager.jav
a:357)
[run]   at org.kepler.moml.KARLibraryBuilder.buildLibrary(KARLibraryBuilder.java:78)
[run]   at ptolemy.actor.gui.UserActorLibrary.openLibrary(UserActorLibrary.java:202)
[run]   at ptolemy.actor.gui.UserActorLibrary.openUserLibrary(UserActorLibrary.java:140)
```

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[run] at ptolemy.vergil.VergilApplication._createDefaultConfiguration(VergilApplication.
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[run] at java.awt.EventDispatchThread.pumpEvents(EventDispatchThread.java:188)
[run] at java.awt.EventDispatchThread.run(EventDispatchThread.java:122)
[run] java.lang.NullPointerException
[run] at org.kepler.objectmanager.library.LibIndex.assureKarEntry(LibIndex.java:557)
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[run] at org.kepler.objectmanager.library.LibraryManager.buildLibrary(LibraryManager.jav
a:357)
[run] at org.kepler.moml.KARLibraryBuilder.buildLibrary(KARLibraryBuilder.java:78)
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[run] at ptolemy.actor.gui.UserActorLibrary.openUserLibrary(UserActorLibrary.java:140)
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[run] at java.awt.EventDispatchThread.pumpEvents(EventDispatchThread.java:188)
[run] at java.awt.EventDispatchThread.run(EventDispatchThread.java:122)
[run] Filter file is null
[run] error: TabPane is null. This problem can be fixed by adding a tabPaneFactory property
in the configuration.xml file.
[run] java.lang.NullPointerException
[run] at org.kepler.gui.FilteredVisibleTreeModel.addTreeModelListener(FilteredVisibleTre
eModel.java:174)
[run] at javax.swing.JTree.setModel(JTree.java:855)
[run] at javax.swing.JTree.&lt;init&gt;(JTree.java:650)
[run] at ptolemy.vergil.tree.PTree.&lt;init&gt;(PTree.java:72)
[run] at org.kepler.gui.AnnotatedPTree.&lt;init&gt;(AnnotatedPTree.java:89)
[run] at org.kepler.gui.ComponentLibraryTab.initLibraryTree(ComponentLibraryTab.java:206
)
[run] at org.kepler.gui.ComponentLibraryTab.initializeTab(ComponentLibraryTab.java:175)
[run] at org.kepler.gui.TabPaneFactory.createTabPaneTabs(TabPaneFactory.java:110)
[run] at org.kepler.gui.TabManager.initializeTabs(TabManager.java:87)

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[run] at org.kepler.gui.KeplerGraphFrame._initBasicGraphFrame(KeplerGraphFrame.java:373)
[run] at ptolemy.vergil.basic.BasicGraphFrame.&lt;init&gt;(BasicGraphFrame.java:224)
[run] at ptolemy.vergil.basic.ExtendedGraphFrame.&lt;init&gt;(ExtendedGraphFrame.java:95
)
[run] at ptolemy.vergil.actor.ActorGraphFrame.&lt;init&gt;(ActorGraphFrame.java:135)
[run] at org.kepler.gui.KeplerGraphFrame.&lt;init&gt;(KeplerGraphFrame.java:176)
[run] at org.kepler.gui.frame.KeplerGraphTableau.&lt;init&gt;(KeplerGraphTableau.java:25
2)
[run] at org.kepler.gui.frame.KeplerGraphTableau$Factory.createTableau(KeplerGraphTablea
u.java:315)
[run] at ptolemy.actor.gui.PtolemyTableauFactory.createTableau(PtolemyTableauFactory.jav
a:100)
[run] at ptolemy.actor.gui.TableauFactory.createTableau(TableauFactory.java:127)
[run] at ptolemy.actor.gui.Configuration.createPrimaryTableau(Configuration.java:569)
[run] at ptolemy.vergil.VergilApplication._createEmptyConfiguration(VergilApplication.ja
va:401)
[run] at ptolemy.actor.gui.ConfigurationApplication._parseArgs(ConfigurationApplication.
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[run] at java.awt.EventDispatchThread.pumpEvents(EventDispatchThread.java:188)
[run] at java.awt.EventDispatchThread.run(EventDispatchThread.java:122)
[run] Could not create tab pane.: null
[run] java.lang.NullPointerException
[run] at org.kepler.gui.FilteredVisibleTreeModel.addTreeModelListener(FilteredVisibleTre
eModel.java:174)
[run] at javax.swing.JTree.setModel(JTree.java:855)
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[run] at org.kepler.gui.AnnotatedPTree.&lt;init&gt;(AnnotatedPTree.java:89)
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[run] at org.kepler.gui.ComponentLibraryTab.initializeTab(ComponentLibraryTab.java:175)
[run] at org.kepler.gui.TabPaneFactory.createTabPaneTabs(TabPaneFactory.java:110)
[run] at org.kepler.gui.TabManager.initializeTabs(TabManager.java:87)
[run] at org.kepler.gui.KeplerGraphFrame._initBasicGraphFrame(KeplerGraphFrame.java:373)
[run] at ptolemy.vergil.basic.BasicGraphFrame.&lt;init&gt;(BasicGraphFrame.java:224)
[run] at ptolemy.vergil.basic.ExtendedGraphFrame.&lt;init&gt;(ExtendedGraphFrame.java:95
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[run] at ptolemy.vergil.actor.ActorGraphFrame.&lt;init&gt;(ActorGraphFrame.java:135)
[run] at org.kepler.gui.KeplerGraphFrame.&lt;init&gt;(KeplerGraphFrame.java:176)
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    [run]      at java.awt.EventDispatchThread.run (EventDispatchThread.java:122)
    [run] ERROR: no tab named Components in the view Workflow. (Perhaps the tab's getTabName() d
oes not match the name given in configuration.xml?)
    [run] ERROR: no tab named Data in the view Workflow. (Perhaps the tab's getTabName() does no
t match the name given in configuration.xml?)
    [run] ERROR: no tab named Outline in the view Workflow. (Perhaps the tab's getTabName() does
not match the name given in configuration.xml?)
```

History

#1 - 01/04/2011 04:09 PM - Daniel Crawl

The open dialog now starts at the last used directory.

#2 - 01/19/2011 12:41 PM - David Welker

Since this is an obscure problem that isn't likely to occur in the normal use of Kepler, postponing.

#3 - 03/27/2013 02:29 PM - Redmine Admin

Original Bugzilla ID was 5258