

Kepler - Bug #6794

Cannot run two instances at the same time with two different users

07/07/2015 09:09 AM - Vincenzo Forchi

Status:	New	Start date:	07/07/2015
Priority:	Normal	Due date:	
Assignee:	Daniel Crawl	% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:		Spent time:	0.00 hour
Bugzilla-Id:			
Description			
If I try to run Kepler at the same time with two different users the second instance fails with the following error:			
<pre>[run] Kepler Initializing... [run] Command failed [run] Arguments: -kepler [run] [run] java.lang.Exception: Failed to parse "-kepler" [run] at ptolemy.actor.gui.ConfigurationApplication.throwArgsException(ConfigurationApplic ication.java:845) [run] at ptolemy.actor.gui.ConfigurationApplication.<init>(ConfigurationApplicatio n.java:320) [run] at ptolemy.actor.gui.MoMLApplication.<init>(MoMLApplication.java:80) [run] at ptolemy.vergil.VergilApplication.<init>(VergilApplication.java:112) [run] at ptolemy.vergil.VergilApplication\$1.run(VergilApplication.java:243) [run] at java.awt.event.InvocationEvent.dispatch(InvocationEvent.java:312) [run] at java.awt.EventQueue.dispatchEventImpl(EventQueue.java:733) [run] at java.awt.EventQueue.access\$200(EventQueue.java:103) [run] at java.awt.EventQueue\$3.run(EventQueue.java:694) [run] at java.awt.EventQueue\$3.run(EventQueue.java:692) [run] at java.security.AccessController.doPrivileged(Native Method) [run] at java.security.ProtectionDomain\$1.doIntersectionPrivilege(ProtectionDomain.java: 76) [run] at java.awt.EventQueue.dispatchEvent(EventQueue.java:703) [run] at java.awt.EventDispatchThread.pumpOneEventForFilters(EventDispatchThread.java:24 2) [run] at java.awt.EventDispatchThread.pumpEventsForFilter(EventDispatchThread.java:161) [run] at java.awt.EventDispatchThread.pumpEventsForHierarchy(EventDispatchThread.java:15 0) [run] at java.awt.EventDispatchThread.pumpEvents(EventDispatchThread.java:146) [run] at java.awt.EventDispatchThread.pumpEvents(EventDispatchThread.java:138) [run] at java.awt.EventDispatchThread.run(EventDispatchThread.java:91) [run] Caused by: java.lang.Exception: Failed to read configuration 'file:/diskb/scratch/vfor chi/sw/reflex/common-2.4/configs/ptolemy/configs/kepler/configuration.xml' [run] at ptolemy.vergil.VergilApplication._createDefaultConfiguration(VergilApplication. java:335) [run] at ptolemy.vergil.VergilApplication._createEmptyConfiguration(VergilApplication.ja va:371) [run] at ptolemy.actor.gui.ConfigurationApplication._parseArgs(ConfigurationApplication. java:1327) [run] at ptolemy.vergil.VergilApplication._parseArgs(VergilApplication.java:501) [run] at ptolemy.actor.gui.ConfigurationApplication.<init>(ConfigurationApplicatio n.java:244) [run] ... 17 more [run] Caused by: java.lang.Exception: Failed to call application initializer class "org.kepl er.gui.KeplerInitializer". Perhaps the configuration file "file:/diskb/scratch/vforchi/sw/reflex/ common-2.4/configs/ptolemy/configs/kepler/configuration.xml" has a problem? [run] at ptolemy.actor.gui.ConfigurationApplication.readConfiguration(ConfigurationAppli cation.java:686) [run] at ptolemy.vergil.VergilApplication._createDefaultConfiguration(VergilApplication. java:333) [run] ... 21 more</pre>			

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[run] Caused by: java.sql.SQLException: Access is denied
[run]   at org.hsqldb.jdbc.Util.sqlException(Unknown Source)
[run]   at org.hsqldb.jdbc.jdbcConnection.&lt;init&gt;(Unknown Source)
[run]   at org.hsqldb.jdbcDriver.getConnection(Unknown Source)
[run]   at org.hsqldb.jdbcDriver.connect(Unknown Source)
[run]   at java.sql.DriverManager.getConnection(DriverManager.java:571)
[run]   at java.sql.DriverManager.getConnection(DriverManager.java:215)
[run]   at org.kepler.util.sql.HSQL._getConnection(HSQL.java:489)
[run]   at org.kepler.util.sql.DatabaseFactory.getDBConnection(DatabaseFactory.java:141)
[run]   at org.kepler.gui.KeplerInitializer.initializeSystem(KeplerInitializer.java:171)
[run]   at org.kepler.gui.KeplerInitializer.&lt;init&gt;(KeplerInitializer.java:98)
[run]   at sun.reflect.NativeConstructorAccessorImpl.newInstance0(Native Method)
[run]   at sun.reflect.NativeConstructorAccessorImpl.newInstance(NativeConstructorAccessor
Impl.java:57)
[run]   at sun.reflect.DelegatingConstructorAccessorImpl.newInstance(DelegatingConstructor
AccessorImpl.java:45)
[run]   at java.lang.reflect.Constructor.newInstance(Constructor.java:526)
[run]   at java.lang.Class.newInstance(Class.java:374)
[run]   at ptolemy.actor.gui.ConfigurationApplication.readConfiguration(ConfigurationAppli
cation.java:684)
[run]   ... 22 more
[run] Checking for patches...
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And the attached window pops up.
Are there any plans to fix this or is it there a workaround?

History

#1 - 07/20/2015 05:36 PM - Matt Jones

What version of Kepler do you have? I thought we had worked out these issues with launching multiple versions of Kepler with the 2.4 release. Details of the conflicts with HSQL ports for multiple instances are described here: <https://kepler-project.org/developers/reference/accessing-hsql>

Dan Crawl, do you have a sense whether this SQL exception on launching the second error is related to HSQL port conflicts? Seems like this should work under Kepler 2.4.

#2 - 07/20/2015 05:36 PM - Matt Jones

- Assignee set to Daniel Crawl

#3 - 07/21/2015 12:02 PM - Daniel Crawl

This problem is fixed in the Kepler svn trunk and in Kepler 2.4 as a patch. If you are using Kepler 2.4, make sure you have downloaded the patches. You can check by going to Tools -> Module Manager, and in the Current Suite tab list of modules, you should see core-2.4.1. If you have core-2.4.0, then you'll need to download the patches by going to the Available Suites and Modules tab and clicking on Check for Patches Now.

The error message in the stack trace looks like the second Kepler instance is trying to connect to the first instance using the same port.

Files

Kepler_error.PNG	11.5 KB	07/07/2015	Vincenzo Forchi
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