

Kepler - Bug #4034

"Invalid memory access" when running workflow from the command line

04/29/2009 02:52 PM - Chad Berkley

Status:	Resolved	Start date:	04/29/2009
Priority:	Immediate	Due date:	
Assignee:	David Welker	% Done:	0%
Category:	core	Estimated time:	0.00 hour
Target version:	2.0.0	Spent time:	0.00 hour
Bugzilla-Id:	4034		
Description			
<p>When running even very simple workflows from the command line, Kepler fails with the following output. For some reason, I can't reproduce this on windows. The invalid memory access error makes me think maybe the jar file was created on windows and is, for some reason, not valid on osx. Maybe a missing byte or something.</p>			
<pre>berkley@Slickrock kepler\$./kepler.sh runwf -gui common/demos/test.xml args: -runwf -gui common/demos/test.xml [null] loading: ptolemy.actor.gui.PtExecuteApplication args: [Ljava.lang.String;@480773 [null] 659 ms. Memory: 9076K Free: 2971K (33%) [null] WARN (org.ecoinformatics.seek.ecogrid.SearchRegistryAction:queryRegistryRewriteConfig:201) Problem looking up registry entries using endpoint: [null] http://knb.ecoinformatics.org/registry/services/RegistryService [null] Invalid memory access of location 00000000 cip=90a594a8 Exception in thread "main" Java returned: 138 at org.kepler.build.modules.ModulesTask.execute(ModulesTask.java:88) at org.kepler.build.runner.Kepler.main(Kepler.java:68) Caused by: Java returned: 138 at org.apache.tools.ant.taskdefs.Java.execute(Java.java:108) at org.kepler.build.Run.runSuite(Run.java:189) at org.kepler.build.Run.run(Run.java:145) at org.kepler.build.modules.ModulesTask.execute(ModulesTask.java:84) ... 1 more - Nested Exception --- Java returned: 138 at org.apache.tools.ant.taskdefs.Java.execute(Java.java:108) at org.kepler.build.Run.runSuite(Run.java:189) at org.kepler.build.Run.run(Run.java:145) at org.kepler.build.modules.ModulesTask.execute(ModulesTask.java:84) at org.kepler.build.runner.Kepler.main(Kepler.java:68) berkley@Slickrock kepler\$</pre>			

History

#1 - 04/29/2009 04:04 PM - ben leinfelder

reverting to an older org.ecoinformatics.ecogrid.RegistryService-stub.jar version did not work (still had the same error)

#2 - 04/29/2009 06:00 PM - ben leinfelder

removing the call to the EcogridService does not fix the invalid memory error. This doesn't have to do with that service/jar - it's a much "larger" issue. We've got a few layers here: java calling ant that calls java... any ideas on where to begin?

#3 - 04/29/2009 06:08 PM - ben leinfelder

This same error occurs when we use the "run-workflow" ant target:
\$> ant run-workflow -Dworkflow=../common/demos/getting-started/04-HelloWorld.xml

```
run-workflow:
[run] args: -runwf /Users/leinfelder/workspace_kepler/kepler/build-area/./common/demos/getting-started/04-HelloWorld.xml
[run] 286 ms. Memory: 9780K Free: 3942K (40%)
[run] WARN (org.ecoinformatics.seek.ecogrid.SearchRegistryAction:queryRegistryRewriteConfig:201) Problem looking up registry
entries using
endpoint:
[run] http://knb.ecoinformatics.org/registry/services/RegistryService
```

[run] Invalid memory access of location 00000000 eip=91af94a8

#4 - 04/29/2009 06:24 PM - ben leinfelder

re-assigning to David - maybe he can shed some light on what might be happening.
(Unfortunately it seems like it might be isolated to Macs?)

#5 - 06/12/2009 01:40 PM - David Welker

Does kepler.sh even exist anymore? I am not finding it in any of the modules I have downloaded. I cannot reproduce this problem using the 'ant run-workflow' command anymore, although I did used to get this error intermittently. Unless someone confirms that this error is still occurring for them, I am going to close this bug shortly.

#6 - 06/12/2009 01:50 PM - Chad Berkley

Run the 'ant starupt-script' command to build the kepler.sh file. Not sure if this is still a bug with the new script or not.

#7 - 06/12/2009 02:14 PM - David Welker

This bug is no longer occurring on the Mac with either kepler.sh or with 'ant run-workflow.' However, kepler.sh does throw an exception when you choose to exit using ctrl-c, and that is not aesthetically pleasing. However, this bug no longer exists. I am closing it.

#8 - 03/27/2013 02:25 PM - Redmine Admin

Original Bugzilla ID was 4034