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

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.

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 eip=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$

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