

Kepler - Bug #6571

Kepler command line execution won't exit if the parameter to be set in command line does not exist in the workflow.

06/16/2014 12:04 PM - jianwu jianwu

Status:	New	Start date:	06/16/2014
Priority:	Normal	Due date:	
Assignee:	Daniel Crawl	% Done:	0%
Category:	core	Estimated time:	0.00 hour
Target version:		Spent time:	0.00 hour
Bugzilla-Id:			
Description			
<p>I got the same behavior for both -nocache and -cache option. I have to use Ctrl + C to kill the process.</p> <p>Para111 in the following example is not defined in the workflow.</p> <p>If the parameters exist in the workflow but the workflow execution goes wrong, the whole command can still exit.</p> <p>---Console output for command line execution---</p> <pre>./kepler.sh -runwf -nogui -nocache -Para111 d /Users/jianwu/Dropbox/Hackathon-June2014/E3-Read-Text-File/solution.xml The base dir is /Users/jianwu/Kepler/repository/kepler-trunk-svn ... [null] start of workflow-scheduler-gui module initializing [null] common tabpane configuration overridden by workflow-run-manager [null] INFO (org.kepler.util.sql.HSQL:_getConnection:654) started HSQL server at jdbc:hsqldb:hsqldb://localhost:56060/provenanceDB;filepath=hsqldb:file:/Users/jianwu/KeplerData/modules/provenance/provenanceDB [null] common tabpane configuration overridden by reporting [null] Unable to start application. [null] java.lang.Exception: Failed to parse "ptolemy/configs/kepler/ConfigNoGUINoCache.xml -runThenExit -Para111 d /Users/jianwu/Dropbox/Hackathon-June2014/E3-Read-Text-File/solution.xml" [null] at ptolemy.actor.gui.ConfigurationApplication.throwArgsException(ConfigurationApplication.java:845) [null] at org.kepler.KeplerConfigurationApplication.<init>(KeplerConfigurationApplication.java:388) [null] at org.kepler.Kepler.load(Kepler.java:527) [null] at org.kepler.Kepler.load(Kepler.java:571) [null] at org.kepler.Kepler.runApplication(Kepler.java:451) [null] at org.kepler.Kepler.main(Kepler.java:242) [null] Caused by: ptolemy.kernel.util.IllegalActionException: Unrecognized option: No parameter exists with name Para111 [null] at org.kepler.KeplerConfigurationApplication._setParameters(KeplerConfigurationApplication.java:712) [null] at org.kepler.KeplerConfigurationApplication.<init>(KeplerConfigurationApplication.java:336) [null] ... 4 more</pre> <p>---JVM stacktrace using Ctrl + \ ---</p> <pre>^2014-06-16 11:56:42 Full thread dump Java HotSpot(TM) 64-Bit Server VM (20.65-b04-462 mixed mode): "Thread-4" daemon prio=5 tid=101aaa000 nid=0x10accb000 runnable [10acca000] java.lang.Thread.State: RUNNABLE at java.io.FileInputStream.readBytes(Native Method) at java.io.FileInputStream.read(FileInputStream.java:198) at java.lang.UNIXProcess\$DeferredCloseInputStream.read(UNIXProcess.java:218) at org.apache.tools.ant.taskdefs.StreamPumper.run(StreamPumper.java:92) at java.lang.Thread.run(Thread.java:695) "Thread-3" daemon prio=5 tid=101a7e800 nid=0x10abc8000 runnable [10abc7000] java.lang.Thread.State: RUNNABLE at java.io.FileInputStream.readBytes(Native Method) at java.io.FileInputStream.read(FileInputStream.java:220) at java.lang.UNIXProcess\$DeferredCloseInputStream.read(UNIXProcess.java:227) at java.io.BufferedInputStream.fill(BufferedInputStream.java:218) at java.io.BufferedInputStream.read1(BufferedInputStream.java:258) at java.io.BufferedInputStream.read(BufferedInputStream.java:317)</pre>			

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- locked <7f40a2160> (a java.io.BufferedInputStream)
at java.io.FilterInputStream.read(FilterInputStream.java:90)
at org.apache.tools.ant.taskdefs.StreamPumper.run(StreamPumper.java:92)
at java.lang.Thread.run(Thread.java:695)

"process reaper" daemon prio=5 tid=101bbc000 nid=0x10a81a000 runnable [10a819000]
java.lang.Thread.State: RUNNABLE
at java.lang.UNIXProcess.waitForProcessExit(Native Method)
at java.lang.UNIXProcess.access$900(UNIXProcess.java:17)
at java.lang.UNIXProcess$2$1.run(UNIXProcess.java:86)

"Low Memory Detector" daemon prio=5 tid=1030a8800 nid=0x10a20d000 runnable [00000000]
java.lang.Thread.State: RUNNABLE

"C2 CompilerThread1" daemon prio=9 tid=1030a8000 nid=0x10a10a000 waiting on condition [00000000]
java.lang.Thread.State: RUNNABLE

"C2 CompilerThread0" daemon prio=9 tid=1030a7000 nid=0x10a007000 waiting on condition [00000000]
java.lang.Thread.State: RUNNABLE

"Signal Dispatcher" daemon prio=9 tid=1030a6800 nid=0x109f04000 waiting on condition [00000000]
java.lang.Thread.State: RUNNABLE

"Surrogate Locker Thread (Concurrent GC)" daemon prio=5 tid=1030a5800 nid=0x109e01000 waiting on condition [00000000]
java.lang.Thread.State: RUNNABLE

"Finalizer" daemon prio=8 tid=101801800 nid=0x1098ec000 in Object.wait() [1098eb000]
java.lang.Thread.State: WAITING (on object monitor)
at java.lang.Object.wait(Native Method)
- waiting on <7f44e2ee0> (a java.lang.ref.ReferenceQueue$Lock)
at java.lang.ref.ReferenceQueue.remove(ReferenceQueue.java:118)
- locked <7f44e2ee0> (a java.lang.ref.ReferenceQueue$Lock)
at java.lang.ref.ReferenceQueue.remove(ReferenceQueue.java:134)
at java.lang.ref.Finalizer$FinalizerThread.run(Finalizer.java:171)

"Reference Handler" daemon prio=10 tid=10309b000 nid=0x1097e9000 in Object.wait() [1097e8000]
java.lang.Thread.State: WAITING (on object monitor)
at java.lang.Object.wait(Native Method)
- waiting on <7f44e0848> (a java.lang.ref.Reference$Lock)
at java.lang.Object.wait(Object.java:485)
at java.lang.ref.Reference$ReferenceHandler.run(Reference.java:116)
- locked <7f44e0848> (a java.lang.ref.Reference$Lock)

"main" prio=5 tid=103000800 nid=0x100501000 in Object.wait() [100500000]
java.lang.Thread.State: WAITING (on object monitor)
at java.lang.Object.wait(Native Method)
- waiting on <7f40cedc8> (a java.lang.UNIXProcess)
at java.lang.Object.wait(Object.java:485)
at java.lang.UNIXProcess.waitFor(UNIXProcess.java:115)
- locked <7f40cedc8> (a java.lang.UNIXProcess)
at org.apache.tools.ant.taskdefs.Execute.waitFor(Execute.java:551)
at org.apache.tools.ant.taskdefs.Execute.execute(Execute.java:482)
at org.apache.tools.ant.taskdefs.Java.fork(Java.java:784)
at org.apache.tools.ant.taskdefs.Java.executeJava(Java.java:211)
at org.apache.tools.ant.taskdefs.Java.executeJava(Java.java:132)
at org.apache.tools.ant.taskdefs.Java.execute(Java.java:105)
at org.kepler.build.Run.runSuite(Run.java:364)
at org.kepler.build.Run.run(Run.java:235)
at org.kepler.build.modules.ModulesTask.execute(ModulesTask.java:102)
at org.kepler.build.runner.Kepler.run(Kepler.java:266)
at org.kepler.build.modules.ModulesTask.execute(ModulesTask.java:102)
at org.kepler.build.runner.Kepler.main(Kepler.java:109)

"VM Thread" prio=9 tid=103096000 nid=0x1096e6000 runnable

"Gang worker#0 (Parallel GC Threads)" prio=9 tid=103002000 nid=0x102201000 runnable
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"Gang worker#1 (Parallel GC Threads)" prio=9 tid=103002800 nid=0x102304000 runnable

"Concurrent Mark-Sweep GC Thread" prio=9 tid=10304d000 nid=0x1093f0000 runnable

"VM Periodic Task Thread" prio=10 tid=1030ba800 nid=0x10a310000 waiting on condition

"Exception Catcher Thread" prio=10 tid=103001800 nid=0x1017fe000 runnable

JNI global references: 1341

Heap

par new generation total 19136K, used 2087K [7f3000000, 7f44c0000, 7f44c0000)

eden space 17024K, 8% used [7f3000000, 7f317d228, 7f40a0000)

from space 2112K, 26% used [7f40a0000, 7f412ca40, 7f42b0000)

to space 2112K, 0% used [7f42b0000, 7f42b0000, 7f44c0000)

concurrent mark-sweep generation total 63872K, used 1148K [7f44c0000, 7f8320000, 7fae00000)

concurrent-mark-sweep perm gen total 21248K, used 7839K [7fae00000, 7fc2c0000, 800000000)

[null] 2014-06-16 11:56:42

[null] Full thread dump Java HotSpot(TM) 64-Bit Server VM (20.65-b04-462 mixed mode):

[null]

[null] "DestroyJavaVM" prio=5 tid=101801000 nid=0x100501000 waiting on condition [00000000]

[null] java.lang.Thread.State: RUNNABLE

[null]

[null] "HSQLDB Connection @690bc995" prio=5 tid=10aff7000 nid=0x10d70f000 runnable [10d70e000

]

[null] java.lang.Thread.State: RUNNABLE

[null] at java.net.SocketInputStream.socketRead0(Native Method)

[null] at java.net.SocketInputStream.read(SocketInputStream.java:129)

[null] at java.io.BufferedInputStream.fill(BufferedInputStream.java:218)

[null] at java.io.BufferedInputStream.read(BufferedInputStream.java:237)

[null] - locked <7cd8c9b48>; (a java.io.BufferedInputStream)

[null] at java.io.DataInputStream.readInt(DataInputStream.java:370)

[null] at org.hsqldb.Result.read(Unknown Source)

[null] at org.hsqldb.ServerConnection.run(Unknown Source)

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