

Kepler - Bug #5097

kepler.sh accepts a limited number of arguments

07/15/2010 05:49 PM - Derik Barseghian

Status:	Resolved	Start date:	07/15/2010
Priority:	Normal	Due date:	
Assignee:	jianwu jianwu	% Done:	0%
Category:	execution engine	Estimated time:	0.00 hour
Target version:	2.2.0	Spent time:	0.00 hour
Bugzilla-Id:	5097		
Description			
kepler.sh accepts a limited number of arguments:			
java -classpath build-area/lib/ant.jar:kepler.jar org.kepler.build.runner.Kepler "\$1" "\$2" "\$3" "\$4" "\$5" "\$6" "\$7" "\$8" "\$9"			
If you attempt to give more, you'll get compilation errors that are misleading. A user ran into this problem: http://mercury.nceas.ucsb.edu/kepler/pipermail/kepler-users/2010-July/002249.html			
Changing the line to accept more works fine: java -classpath build-area/lib/ant.jar:kepler.jar org.kepler.build.runner.Kepler "\$1" "\$2" "\$3" "\$4" "\$5" "\$6" "\$7" "\$8" "\$9" "\${10}" "\${11}"			
Are we going to keep this script, or move to an ant task? If we're keeping the script, and there's no solution to accept unlimited arguments, we should at the very least accept some very large number of arguments, and print an error message if the user attempts to feed in more.			

History

#1 - 07/16/2010 08:53 AM - Christopher Brooks

Under /bin/sh in \$PTII/bin/ptinvoke.in, we use "shift" to remove script specific arguments and then use \${1+"\$@"} to pass all but the first argument to the Java subprocess.

#2 - 07/16/2010 01:07 PM - Daniel Crawl

The arguments in kepler.sh were enumerated separately to handle arguments containing spaces. Any solution to this bug should still support arguments containing spaces.

#3 - 08/05/2010 03:52 PM - jianwu jianwu

It is now fixed by changing bash and bat to:

kepler.sh:
java -classpath build-area/lib/ant.jar:kepler.jar org.kepler.build.runner.Kepler "\$@"

kepler.bat:
java -classpath build-area\lib\ant.jar;kepler.jar org.kepler.build.runner.Kepler %*

The workflow execution command I tried is as follows:

D:\Kepler\repository\testtrunk>kepler.bat -runwf -nogui -Str1 2 -Str2 2 -Str3 2 -Str8 2 -Str9 10
"c:\Users\jianwu\KeplerData\Kepler-2.0-Demos\demos\getting-started\04-HelloWorld NoGUI WithParas.kar"

#4 - 03/27/2013 02:29 PM - Redmine Admin

Original Bugzilla ID was 5097