

Kepler - Bug #3693

MultInstanceComposite actor deadlocks sometimes

12/04/2008 02:49 PM - jianwu jianwu

Status:	In Progress	Start date:	12/04/2008
Priority:	Normal	Due date:	
Assignee:	Chad Berkley	% Done:	0%
Category:	actors	Estimated time:	0.00 hour
Target version:	3.X.Y	Spent time:	0.00 hour
Bugzilla-Id:	3693		
Description			
When this actor is used in a workflow, Kepler sometimes deadlocks. To see this, repeatedly run a workflow with this actor. It freezes primarily during preinitialize, but sometimes during wrapup.			

History

#1 - 12/04/2008 03:15 PM - Christopher Brooks

I can't reproduce this.

In Kepler-1.0.0 on a multicore Windows 2003 Server with Java 1.6.0_07, I did:

- 1) Started Kepler by clicking in the icon
- 2) Help -> About -> Documentation
- 3) Clicked on "background information about Ptolemy" -> Quick Tour -> "complete list of demos" -> SDF -> DFTSubset
- 4) I ran the demo several times and did not hang for me.

There could easily be a bug here, but I'm not sure what model was being run and on what platform and with what version of the JVM.

To check the JVM version, start up Kepler and click on Tools -> Check System Settings.

#2 - 12/04/2008 03:33 PM - jianwu jianwu

The deadlocks appear to occur when using PN (probably due to multi-threading). I'll upload a simple workflow. Note that you may need to try many times to see the deadlock.

#4 - 12/05/2008 11:12 AM - Daniel Crawl

I was able to reproduce the deadlock in Jianwu's workflow on:

Windows XP, java 1.6.0_11, Kepler 1.0.0
Mac, java 1.5.0_16, both Kepler 1.0.0 and head

#5 - 03/27/2013 02:24 PM - Redmine Admin

Original Bugzilla ID was 3693

Files

mic-1-simple.xml	27.8 KB	12/04/2008	jianwu jianwu
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