

Kepler - Bug #4310

ValueListeners receive valueChanged events when values have not changed

08/13/2009 11:34 AM - Daniel Crawl

Status:	New	Start date:	08/13/2009
Priority:	Immediate	Due date:	
Assignee:	Daniel Crawl	% Done:	0%
Category:	general	Estimated time:	0.00 hour
Target version:	2.X.Y	Spent time:	0.00 hour
Bugzilla-Id:	4310		

Description

A ValueListener sometimes receives events for a Settable when the Settable's value has not changed. This can lead to a stack overflow since reading the value of the Settable may generate another valueChanged event.

To fix this, valueChanged not be called unless the value has actually changed.

History

#1 - 08/17/2009 08:46 AM - Christopher Brooks

We need a test case for this.

#2 - 08/26/2009 02:26 PM - Matt Jones

The implications for this are not clear. Sounds like it is a serious bug that should be fixed, but we need a more detailed test case demonstrating the problem. Dan -- please either provide a way to reproduce this or retarget it to 2.X.Y.

#3 - 08/26/2009 02:52 PM - Daniel Crawl

Calling getValueAsString on Distributor.input_tokenConsumptionRate always generates a value changed event.

#4 - 08/26/2009 06:43 PM - Bertram Ludaescher

getValueAsString sounds like a "read only" activity, so I understand that a "valueChanged" event is a surprise, if not a bug. I'm glad we're not doing Heisenberg or other quantum experiments here..

More seriously: I wanted to confirm (maybe Edward would know) whether there is not a deeper reason why valueChanged is raised. It certainly sounds as if it shouldn't be though ...

If it results in a stack overflow, we are in trouble..

B

#5 - 03/27/2013 02:26 PM - Redmine Admin

Original Bugzilla ID was 4310