

Kepler - Bug #3901

unescaped & in <entity name="a & b"> on line 4

03/17/2009 07:08 PM - Oliver Soong

Status:	Resolved	Start date:	03/17/2009
Priority:	Normal	Due date:	
Assignee:	Chad Berkley	% Done:	0%
Category:	general	Estimated time:	0.00 hour
Target version:	Unspecified	Spent time:	0.00 hour
Bugzilla-Id:	3901		

Description

XP Pro x64 SP2, Java 1.6.0_11, Kepler 1.0.0 from kepler-project.org

If a workflow is saved with an & in the file name, even though the file name is valid in the file system, Kepler throws an exception because the name attribute is unescaped in the outermost TypedCompositeActor entity. If Kepler is trying to re-open the workflow similar to how a save as is handled, then it's choking while attempting to parse the file. The & should be escaped as & in the name attribute, I think.

History

#1 - 03/18/2009 01:51 PM - Christopher Brooks

I partially fixed this by modifying PtolemyEffigy so that we escape for xml the username. Models can now be saved with names like "This & That.xml".

However, the name in the title bar will look like "file:/tmp/This%20&%20That.xml"

The reason is that Ptolemy uses URLs or URIs to represent model names.

Trying to change the title bar so that it shows "file:/tmp/This & That.xml" initially seems desirable, but spaces are not legitimate characters in URLs or URIs. If I hacked in something that changed %20 to space, then that would look better, but it would technically be a lie, since the URL or URI has %20s in it, not spaces.

Interestingly, if I open /tmp/This & That.xml and then do Save As, then the file browser shows the initial file name as "This & That.xml", which correct. It would have been wrong to show "This%20&%20That.xml".

#2 - 03/27/2013 02:24 PM - Redmine Admin

Original Bugzilla ID was 3901