

## Kepler - Bug #2384

### Documentation display problems in Kepler

03/14/2006 02:27 PM - Dan Higgins

<b>Status:</b>	Resolved	<b>Start date:</b>	03/14/2006
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Ilkay Altintas	<b>% Done:</b>	0%
<b>Category:</b>	documentation	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	1.0.0rc1	<b>Spent time:</b>	0.00 hour
<b>Bugzilla-Id:</b>	2384		

#### Description

In adding documentation to the RExpression actor, I discovered a problem with the documentation display in Kepler (and perhaps in Ptolemy, also).

Consider one parameter defined in the RExpression actor -

```
/**
 * The height of the output graphics bitmap in pixels
 */
public StringParameter numYPixels;
```

But later on, this parameter is created with the statement

```
numYPixels = new StringParameter(this, "Number of Y pixels in image");
```

Note that the display string "Number of Y pixels in image" is not the same as the variable name 'numYPixels'

The doclet generated xml file has the proper association between the property and value; i.e.

```
<property name="numYPixels">The height of the output graphics bitmap in pixels</property>
```

But when I display the doc xml in Kepler using 'Get Documentation' the result is

```
"Number of Y pixels in image - No description"
```

The code to display the xml file replaces the 'numYPixels' name with its display string 'Number of Y pixels in image' but it then loses the value! This seems to happen whenever the parameter name is different than the display string; when they agree, the descriptions are shown properly.

Dan

#### History

##### #1 - 04/27/2006 04:16 PM - Dan Higgins

This 'bug' is fixed by correctly defining parameters so that constructor uses the same text as variable name and using 'setDisplayname'. (i.e following what PTL consider correct coding)

##### #2 - 03/27/2013 02:20 PM - Redmine Admin

Original Bugzilla ID was 2384