

## Kepler - Bug #4267

### RExpression converts nil input into "NA"

07/27/2009 12:29 PM - Oliver Soong

<b>Status:</b>	Resolved	<b>Start date:</b>	07/27/2009
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	ben leinfelder	<b>% Done:</b>	0%
<b>Category:</b>	actors	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	Unspecified	<b>Spent time:</b>	0.00 hour
<b>Bugzilla-Id:</b>	4267		
<b>Description</b>			
If I pass a nil input token to RExpression, it produces an R variable that contains the string "NA" (2 letters) rather than the special NA or NULL values.			

#### History

##### #1 - 07/28/2009 12:06 PM - ben leinfelder

- 1.) If I use a String Constant actor with the value nil then I get NA as a string in the RExpression actor.
- 2.) If I use a Constant actor I don't even get any value in the RExpression actor.

I think the first case acts as it should (except that it changes the string value and that might not always be expected even for this very special Ptolemy string).

Case number 2 should give us a non-string NA in the RExpression actor as this bug expects. I'll make that happen.

##### #2 - 07/28/2009 12:27 PM - ben leinfelder

nil tokens will now be (non-string) NA values in R.

Note: this is not the same as passing a StingToken("nil") to the RExpression.

##### #3 - 03/27/2013 02:26 PM - Redmine Admin

Original Bugzilla ID was 4267