

## Kepler - Bug #3931

### Get the R actor working with JNI

04/02/2009 09:58 AM - Chad Berkley

<b>Status:</b>	New	<b>Start date:</b>	04/02/2009
<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>	2.X.Y	<b>Spent time:</b>	0.00 hour
<b>Bugzilla-Id:</b>	3931		
<b>Description</b>			
We need to get the R actor working with JNI instead of having it make calls to the native executable. This will simplify many aspects of R, including file handling, installation and overall cohesiveness with the rest of the system.			
Bug 3809 needs to get fixed first.			
<b>Related issues:</b>			
Blocks Kepler - Bug #3809: jni actors do not work		<b>Resolved</b>	<b>02/05/2009</b>
Blocks Kepler - Bug #4006: Move R actor to separate module		<b>Resolved</b>	<b>04/21/2009</b>

### History

#### #1 - 04/03/2009 01:44 PM - Chad Berkley

Try to get this in for 2.0 but this might go into a non-standard module. If that's the case, this can get pushed to post-2.0

#### #2 - 04/21/2009 03:06 PM - ben leinfelder

We've moved RExpression actors (both the script-based and the JRI-based implementations) to a new and separate module ("r") so that we can develop these more independently from the Kepler release (in this case, 2.0).

We'll continue to work for complete RExpression2 (JRI-based) backward compatibility with RExpression1 (script-based).

More to come on that.

#### #3 - 05/04/2009 10:56 AM - ben leinfelder

The more I/We work with the RNI implementation of this actor, I believe we'll need to seriously consider using some of the serialization tricks employed by the original RExpression actor for transferring special R-data objects...

#### #4 - 03/27/2013 02:25 PM - Redmine Admin

Original Bugzilla ID was 3931