Kepler - Bug #5194

demos are difficult to find

09/29/2010 08:40 AM - Christopher Brooks

Status:	Resolved		**Start date:**	09/29/2010
Priority:	Normal		**Due date:**	
Assignee:	Daniel Crawl		**% Done:**	0%
Category:	general		**Estimated time:**	0.00 hour
Target version:	2.4.0		**Spent time:**	0.00 hour
Bugzilla-Id:	5194			

Description

Help | Kepler Documentation says:

"All listed demos are in the KeplerData/workflows/module/outreach-2.X.Y/demos/getting-started"

That path name is difficult to find as it is long and there is a
"KeplerData/modules" directory that is confusing.

Also, if I follow the typical pattern of looking at the help file,
opening a demo, then closing the demo and looking at the help file,
I need to retraverse the confusing path hierarchy each time.

To replicate:
1. Help | Kepler Documentation
2. File | Open, then browse through to
KeplerData/workflows/module/outreach-2.X.Y/demos/getting-started"
3. Open the 04-HelloWorld.kar
4. Run the demo and close it.
5. Now, look at the Kepler Documentation page and try to open the next
demo. The result is I have to go through the Open dialog again.

This is not very usable and does not promote actually viewing the demos.
There should be hyperlinks in the text that opens the demos.

History

#1 - 03/08/2011 05:14 PM - Christopher Brooks

In Kepler2.2rc3, how do I run the demos?
Help -> Kepler Documentation says:

"Workflow Demonstration Examples
Note that the demos are not included in the default developers build. To download the demos, run:
cd build-area
ant get -Dmodule=outreach"

1) This is not the developer release, this is Kepler-2.2rc3.dmg.
2) There is no build-area

#2 - 03/09/2011 07:08 AM - David Welker

The second comment is a duplicate of bug 5331. This issue has since been addressed.

#3 - 07/11/2012 03:46 PM - Daniel Crawl

I agree that getting the hyperlinks working again for the demos would be good. The difficulty is that the demos listed on the Help->Kepler
Documentation page reside in the outreach module whose path in the file system changes based on the module version.

The path to the outreach module's workflows can be accessed via the java property "outreach.workflowdir". One solution is to update
ptolemy.actor.gui.HTMLViewer to handle links with java properties. For example, the path could be expressed using the expression language:

<a href="ptexpr:property('outreach.workflowdir') + \"demos/getting-started/04-HelloWorld.xml\"">

To do this, HTMLViewer would use the Ptolemy expression language to parse links beginning with ptexpr. What do you think, Christopher?

#4 - 07/11/2012 05:07 PM - Christopher Brooks

I updated ptolemy.actor.gui.HTMLViewer so that if the URL cannot
be found, then it is passed to ptolemy.util.FileUtilities.nameToURL()
that understands things like $CLASSPATH.

So, if you put the user's ~/KeplerData/workflows/module/outreach directory in the classpath and
refer to the urls like
Statistical Summary

then the link should work.

We have the classpath, we should use it.

Having the url be able to get a property is a possibility, but using the
classpath is cleaner.

I don't want to have a URL execute arbitrary Ptolemy expression language
code because someone could extend this to support:
Model

Can the outflow/workflow directory be added to the classpath or do you really
want to read the property?

If you want to read the property, then maybe
Hello World
would be ok.

This would just call ptolemy.util.StringUtilities.getProperty(),
which does not invoke the expression language, but does understand
certain properties and does not return null.

Also, property: is more like about: and other protocol syntaxes.

Comments?

#5 - 07/11/2012 06:12 PM - Daniel Crawl

Thanks for updating HTMLViewer, Christopher. The demos were moved from module/resources/ to module/workflows/ since they were not needed on the classpath: http://bugzilla.ecoinformatics.org/show_bug.cgi?id=5034#c3. I discussed this with Derik, and we could not find a strong reason to prevent them from being on the classpath. It will increase Kepler's already long classpath. There also exists the possibility of malicious classes residing in these directories, but that seems unlikely. So, if no objects, I'll update the classpath...

#6 - 07/13/2012 03:43 PM - Daniel Crawl

Classpath updated, and demo hyperlinks put back in the help docs.

#7 - 03/27/2013 02:29 PM - Redmine Admin

Original Bugzilla ID was 5194