

Kepler - Bug #4996

2.0-RC2 demos don't work

05/09/2010 09:55 PM - Christopher Brooks

Status:	Resolved	Start date:	05/09/2010
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:	4996		
Description			
Related issues:			
Blocked by Kepler - Bug #4943: RC5 Installer Tracking Bug		Resolved	04/19/2010

History

#1 - 05/09/2010 10:18 PM - Christopher Brooks

It looks like a version change from 2.0 to 2.0.0 is causing problems.
I removed my KeplerData directory and installed Kepler-2.0-RC2, which created

```
bash-3.2$ ls ~/KeplerData/  
Kepler-2.0.0-Demos  modules      workflows
```

A bunch of demos fail because 2.0 vs 2.0.0. This is similar to bug [#4994](#). What we ship in Kepler-2.0-RCn should have the same version numbers as is in the kepler-2.0 svn branch. In Kepler-2.0-RC2, the modules have a version number of 2.0.0:

```
bash-3.2$ ls /Applications/Kepler-2.0-RC2/Kepler.app/Kepler/  
actors-2.0.0      demos           module-manager-2.0.1  
apple-extensions-2.0.0  directors-2.0.0  module-manager-gui-2.0.0  
authentication-2.0.0  ecogrid-2.0.0   opendap-2.0.0  
authentication-gui-2.0.0  event-state-2.0.0  outreach-2.0.0  
build-area        gui-2.0.0       ptolemy-8.0.0  
common-2.0.0      io-2.0.0        r-2.0.0  
component-library-2.0.0  job-2.0.0       repository-2.0.0  
configuration-manager-2.0.0  kepler-2.0.0    sms-2.0.0  
core-2.0.0        kepler-tasks-2.0.0  ssh-2.0.0  
data              kepler.jar       util-2.0.0  
data-handling-2.0.0  kepler.sh  
dataturbine-2.0.0  loader-2.0.0
```

In the Kepler-2.0 branch, the modules have a 2.0 version number:

```
bash-3.2$ ls ~/src/kepler-2.0  
Kepler.app      directors-2.0    loader-2.0  
actors-2.0      ecogrid-2.0     module-manager-2.0  
apple-extensions-2.0  event-state-2.0  module-manager-gui-2.0  
authentication-2.0  gui-2.0         opendap-2.0  
authentication-gui-2.0  io-2.0         outreach-2.0  
build-area       job-2.0         ptolemy-8.0  
common-2.0       kepler-2.0      r-2.0  
component-library-2.0  kepler-tasks-2.0  repository-2.0  
configuration-manager-2.0  kepler.bat      sms-2.0  
core-2.0         kepler.exe      ssh-2.0  
data-handling-2.0  kepler.jar      util-2.0  
dataturbine-2.0   kepler.sh
```

ENM/GARP_MultipleSpecies-V.xml fails:

```
ptolemy.kernel.util.IllegalActionException: Cannot open file or URL  
in .GARP_MultipleSpecies-V.Get Species/Location information.Line Reader.fileOrURL  
Because:  
Cannot read file '/Users/cxh/KeplerData/Kepler-2.0-Demos/data/garp/speciesList.txt' or  
'/Users/cxh/KeplerData/Kepler-2.0-Demos/data/garp/speciesList.txt'
```

```
at ptolemy.data.expr.FileParameter.openForReading(FileParameter.java:337)
at ptolemy.actor.lib.io.LineReader._openAndReadFirstLine(LineReader.java:325)
at ptolemy.actor.lib.io.LineReader.preinitialize(LineReader.java:298)
at ptolemy.actor.Director.preinitialize(Director.java:998)
at ptolemy.actor.Director.preinitialize(Director.java:979)
at ptolemy.domains.sdf.kernel.SDFDirector.preinitialize(SDFDirector.java:640)
at ptolemy.actor.CompositeActor.preinitialize(CompositeActor.java:1416)
at ptolemy.actor.Manager.preinitializeAndResolveTypes(Manager.java:983)
at ptolemy.actor.Manager.initialize(Manager.java:643)
at ptolemy.actor.Manager.execute(Manager.java:340)
at ptolemy.actor.Manager.run(Manager.java:1162)
at ptolemy.actor.Manager$3.run(Manager.java:1215)
Caused by: java.io.IOException: Cannot read file '/Users/cxh/KeplerData/Kepler-2.0-Demos/data/garp/speciesList.txt' or
'/Users/cxh/KeplerData/Kepler-2.0-Demos/data/garp/speciesList.txt'
at ptolemy.util.FileUtilities.nameToURL(FileUtilities.java:332)
at ptolemy.util.FileUtilities.openForReading(FileUtilities.java:501)
at ptolemy.data.expr.FileParameter.openForReading(FileParameter.java:333)
... 11 more
Caused by: java.io.IOException: Cannot read file '/Users/cxh/KeplerData/Kepler-2.0-Demos/data/garp/speciesList.txt' or
'/Users/cxh/KeplerData/Kepler-2.0-Demos/data/garp/speciesList.txt'
at ptolemy.util.FileUtilities.nameToURL(FileUtilities.java:332)
at ptolemy.util.FileUtilities.openForReading(FileUtilities.java:501)
at ptolemy.data.expr.FileParameter.openForReading(FileParameter.java:333)
at ptolemy.actor.lib.io.LineReader._openAndReadFirstLine(LineReader.java:325)
at ptolemy.actor.lib.io.LineReader.preinitialize(LineReader.java:298)
at ptolemy.actor.Director.preinitialize(Director.java:998)
at ptolemy.actor.Director.preinitialize(Director.java:979)
at ptolemy.domains.sdf.kernel.SDFDirector.preinitialize(SDFDirector.java:640)
at ptolemy.actor.CompositeActor.preinitialize(CompositeActor.java:1416)
at ptolemy.actor.Manager.preinitializeAndResolveTypes(Manager.java:983)
at ptolemy.actor.Manager.initialize(Manager.java:643)
at ptolemy.actor.Manager.execute(Manager.java:340)
at ptolemy.actor.Manager.run(Manager.java:1162)
at ptolemy.actor.Manager$3.run(Manager.java:1215)
```

ptolemy.kernel.util.IllegalActionException: Cannot open file or URL
in .GARP_SingleSpecies_BestRuleSet-IV.Future_Climate_Models.Line Reader.fileOrURL
Because:

```
Cannot read file '/Users/cxh/KeplerData/Kepler-2.0-Demos/data/garp/climateList.txt' or
'/Users/cxh/KeplerData/Kepler-2.0-Demos/data/garp/climateList.txt'
at ptolemy.data.expr.FileParameter.openForReading(FileParameter.java:337)
at ptolemy.actor.lib.io.LineReader._openAndReadFirstLine(LineReader.java:325)
at ptolemy.actor.lib.io.LineReader.preinitialize(LineReader.java:298)
at ptolemy.actor.Director.preinitialize(Director.java:998)
at ptolemy.actor.Director.preinitialize(Director.java:979)
at ptolemy.domains.sdf.kernel.SDFDirector.preinitialize(SDFDirector.java:640)
at ptolemy.actor.CompositeActor.preinitialize(CompositeActor.java:1416)
at ptolemy.actor.Manager.preinitializeAndResolveTypes(Manager.java:983)
at ptolemy.actor.Manager.initialize(Manager.java:643)
at ptolemy.actor.Manager.execute(Manager.java:340)
at ptolemy.actor.Manager.run(Manager.java:1162)
at ptolemy.actor.Manager$3.run(Manager.java:1215)
Caused by: java.io.IOException: Cannot read file '/Users/cxh/KeplerData/Kepler-2.0-Demos/data/garp/climateList.txt' or
'/Users/cxh/KeplerData/Kepler-2.0-Demos/data/garp/climateList.txt'
at ptolemy.util.FileUtilities.nameToURL(FileUtilities.java:332)
at ptolemy.util.FileUtilities.openForReading(FileUtilities.java:501)
at ptolemy.data.expr.FileParameter.openForReading(FileParameter.java:333)
... 11 more
Caused by: java.io.IOException: Cannot read file '/Users/cxh/KeplerData/Kepler-2.0-Demos/data/garp/climateList.txt' or
'/Users/cxh/KeplerData/Kepler-2.0-Demos/data/garp/climateList.txt'
at ptolemy.util.FileUtilities.nameToURL(FileUtilities.java:332)
at ptolemy.util.FileUtilities.openForReading(FileUtilities.java:501)
at ptolemy.data.expr.FileParameter.openForReading(FileParameter.java:333)
at ptolemy.actor.lib.io.LineReader._openAndReadFirstLine(LineReader.java:325)
at ptolemy.actor.lib.io.LineReader.preinitialize(LineReader.java:298)
at ptolemy.actor.Director.preinitialize(Director.java:998)
at ptolemy.actor.Director.preinitialize(Director.java:979)
at ptolemy.domains.sdf.kernel.SDFDirector.preinitialize(SDFDirector.java:640)
at ptolemy.actor.CompositeActor.preinitialize(CompositeActor.java:1416)
at ptolemy.actor.Manager.preinitializeAndResolveTypes(Manager.java:983)
at ptolemy.actor.Manager.initialize(Manager.java:643)
at ptolemy.actor.Manager.execute(Manager.java:340)
at ptolemy.actor.Manager.run(Manager.java:1162)
at ptolemy.actor.Manager$3.run(Manager.java:1215)
```

ENM/GARP_SingleSpecies_BestRuleSet-IV.xml has a similar failure.

gettingStarted/03-ImageDisplay.xml fails:

ptolemy.kernel.util.IllegalActionException: Image file /Users/cxh/KeplerData/Kepler-2.0-Demos/demos/getting-started/species-distribution.jpg does not exist.

in .03-ImageDisplay.Image Converter

Because:

Image file /Users/cxh/KeplerData/Kepler-2.0-Demos/demos/getting-started/species-distribution.jpg does not exist.

at ptolemy.actor.AtomicActor.iterate(AtomicActor.java:508)

at ptolemy.actor.sched.StaticSchedulingDirector.fire(StaticSchedulingDirector.java:188)

at ptolemy.actor.CompositeActor.fire(CompositeActor.java:458)

at ptolemy.actor.Manager.iterate(Manager.java:749)

at ptolemy.actor.Manager.execute(Manager.java:351)

at ptolemy.actor.Manager.run(Manager.java:1162)

at ptolemy.actor.Manager\$3.run(Manager.java:1215)

Caused by: ptolemy.kernel.util.IllegalActionException: Image file

/Users/cxh/KeplerData/Kepler-2.0-Demos/demos/getting-started/species-distribution.jpg does not exist.

at util.ImageConverter.fire(ImageConverter.java:138)

at ptolemy.actor.AtomicActor.iterate(AtomicActor.java:469)

... 6 more

Caused by: ptolemy.kernel.util.IllegalActionException: Image file

/Users/cxh/KeplerData/Kepler-2.0-Demos/demos/getting-started/species-distribution.jpg does not exist.

at util.ImageConverter.fire(ImageConverter.java:138)

at ptolemy.actor.AtomicActor.iterate(AtomicActor.java:469)

at ptolemy.actor.sched.StaticSchedulingDirector.fire(StaticSchedulingDirector.java:188)

at ptolemy.actor.CompositeActor.fire(CompositeActor.java:458)

at ptolemy.actor.Manager.iterate(Manager.java:749)

at ptolemy.actor.Manager.execute(Manager.java:351)

at ptolemy.actor.Manager.run(Manager.java:1162)

at ptolemy.actor.Manager\$3.run(Manager.java:1215)

getting-started/07-CommandLine_1.xml fails:

ptolemy.kernel.util.IllegalActionException: No such directory: /Users/cxh/KeplerData/Kepler-2.0-Demos/demos/getting-started

in .07-CommandLine_1.External Execution

Because:

No such directory: /Users/cxh/KeplerData/Kepler-2.0-Demos/demos/getting-started

at ptolemy.actor.AtomicActor.iterate(AtomicActor.java:508)

at ptolemy.actor.sched.StaticSchedulingDirector.fire(StaticSchedulingDirector.java:188)

at ptolemy.actor.CompositeActor.fire(CompositeActor.java:458)

at ptolemy.actor.Manager.iterate(Manager.java:749)

at ptolemy.actor.Manager.execute(Manager.java:351)

at ptolemy.actor.Manager.run(Manager.java:1162)

at ptolemy.actor.Manager\$3.run(Manager.java:1215)

Caused by: ptolemy.kernel.util.IllegalActionException: No such directory: /Users/cxh/KeplerData/Kepler-2.0-Demos/demos/getting-started

at ptolemy.actor.lib.Exec._exec(Exec.java:497)

at ptolemy.actor.lib.Exec.fire(Exec.java:320)

at ptolemy.actor.AtomicActor.iterate(AtomicActor.java:469)

... 6 more

Caused by: ptolemy.kernel.util.IllegalActionException: No such directory: /Users/cxh/KeplerData/Kepler-2.0-Demos/demos/getting-started

at ptolemy.actor.lib.Exec._exec(Exec.java:497)

at ptolemy.actor.lib.Exec.fire(Exec.java:320)

at ptolemy.actor.AtomicActor.iterate(AtomicActor.java:469)

at ptolemy.actor.sched.StaticSchedulingDirector.fire(StaticSchedulingDirector.java:188)

at ptolemy.actor.CompositeActor.fire(CompositeActor.java:458)

at ptolemy.actor.Manager.iterate(Manager.java:749)

at ptolemy.actor.Manager.execute(Manager.java:351)

at ptolemy.actor.Manager.run(Manager.java:1162)

at ptolemy.actor.Manager\$3.run(Manager.java:1215)

getting-started/08-CommandLine_2.xml fails:

ptolemy.kernel.util.IllegalActionException: No such directory: /Users/cxh/KeplerData/Kepler-2.0-Demos/demos/getting-started

in .08-CommandLine_2.External Execution

Because:

No such directory: /Users/cxh/KeplerData/Kepler-2.0-Demos/demos/getting-started

at ptolemy.actor.AtomicActor.iterate(AtomicActor.java:508)

at ptolemy.actor.sched.StaticSchedulingDirector.fire(StaticSchedulingDirector.java:188)

at ptolemy.actor.CompositeActor.fire(CompositeActor.java:458)

at ptolemy.actor.Manager.iterate(Manager.java:749)

at ptolemy.actor.Manager.execute(Manager.java:351)

at ptolemy.actor.Manager.run(Manager.java:1162)

at ptolemy.actor.Manager\$3.run(Manager.java:1215)

Caused by: ptolemy.kernel.util.IllegalActionException: No such directory: /Users/cxh/KeplerData/Kepler-2.0-Demos/demos/getting-started

at ptolemy.actor.lib.Exec._exec(Exec.java:497)

```
at ptolemy.actor.lib.Exec.fire(Exec.java:320)
at ptolemy.actor.AtomicActor.iterate(AtomicActor.java:469)
... 6 more
Caused by: ptolemy.kernel.util.IllegalActionException: No such directory: /Users/cxh/KeplerData/Kepler-2.0-Demos/demos/getting-started
at ptolemy.actor.lib.Exec._exec(Exec.java:497)
at ptolemy.actor.lib.Exec.fire(Exec.java:320)
at ptolemy.actor.AtomicActor.iterate(AtomicActor.java:469)
at ptolemy.actor.sched.StaticSchedulingDirector.fire(StaticSchedulingDirector.java:188)
at ptolemy.actor.CompositeActor.fire(CompositeActor.java:458)
at ptolemy.actor.Manager.iterate(Manager.java:749)
at ptolemy.actor.Manager.execute(Manager.java:351)
at ptolemy.actor.Manager.run(Manager.java:1162)
at ptolemy.actor.Manager$3.run(Manager.java:1215)
```

#2 - 05/20/2010 04:25 AM - David Welker

These demos now work. There might be others that are failing under RC3, but I have tested all of the demos in getting-started, the two relevant ones in ENM, and R. If so, we can open a new bug for those.

#3 - 03/27/2013 02:28 PM - Redmine Admin

Original Bugzilla ID was 4996