Kepler - Bug #5225

problems loading & saving KARs when disconnected

10/26/2010 11:22 AM - Daniel Crawl

Status:	Resolved	**Start date:**	10/26/2010
Priority:	Normal	**Due date:**	
Assignee:	Chad Berkley	**% Done:**	0%
Category:	core	**Estimated time:**	0.00 hour
Target version:	2.2.0	**Spent time:**	0.00 hour
Bugzilla-Id:	5225		

Description

I can't open a workflow KAR without a network connection. Here's the exception:

org.kepler.objectmanager.cache.CacheException: Exception occurred while deserializing object
at org.kepler.objectmanager.cache.CacheManager.getObject(CacheManager.java:530)
at org.kepler.kar.handlers.ActorMetadataKAREntryHandler.open(ActorMetadataKAREntryHandler.java:242)
at org.kepler.kar.KARFile.open(KARFile.java:968)
at org.kepler.kar.KARFile.openKARContents(KARFile.java:736)
at org.kepler.gui.kar.OpenArchiveAction.openKAR(OpenArchiveAction.java:182)
at org.kepler.gui.kar.OpenArchiveAction.actionPerformed(OpenArchiveAction.java:160)
at javax.swing.AbstractButton.fireActionPerformed(AbstractButton.java:2028)
at javax.swing.AbstractButton$Handler.actionPerformed(AbstractButton.java:2351)
at javax.swing.DefaultButtonModel.fireActionPerformed(DefaultButtonModel.java:387)
at javax.swing.DefaultButtonModel.setPressed(DefaultButtonModel.java:242)
at javax.swing.AbstractButton.doClick(AbstractButton.java:389)
at javax.swing.plaf.basic.BasicMenuItemUI.doClick(BasicMenuItemUI.java:1223)
at com.apple.laf.AquaMenuItemUI.doClick(AquaMenuItemUI.java:137)
at javax.swing.plaf.basic.BasicMenuItemUI$Handler.mouseReleased(BasicMenuItemUI.java:1264)
at java.awt.Component.processMouseEvent(Component.java:6348)
at javax.swing.JComponent.processMouseEvent(JComponent.java:3267)
at java.awt.Component.processEvent(Component.java:6113)
at java.awt.Container.processEvent(Container.java:2085)
at java.awt.Component.dispatchEventImpl(Component.java:4714)
at java.awt.Container.dispatchEventImpl(Container.java:2143)
at java.awt.Component.dispatchEvent(Component.java:4544)
at java.awt.LightweightDispatcher.retargetMouseEvent(Container.java:4618)
at java.awt.LightweightDispatcher.processMouseEvent(Container.java:4282)
at java.awt.LightweightDispatcher.dispatchEvent(Container.java:4212)
at java.awt.Container.dispatchEventImpl(Container.java:2129)
at java.awt.Window.dispatchEventImpl(Window.java:2478)
at java.awt.Component.dispatchEvent(Component.java:4544)
at java.awt.EventQueue.dispatchEvent(EventQueue.java:635)
at java.awt.EventDispatchThread.pumpOneEventForFilters(EventDispatchThread.java:296)
at java.awt.EventDispatchThread.pumpEventsForFilter(EventDispatchThread.java:211)
at java.awt.EventDispatchThread.pumpEventsForHierarchy(EventDispatchThread.java:201)
at java.awt.EventDispatchThread.pumpEvents(EventDispatchThread.java:196)
at java.awt.EventDispatchThread.pumpEvents(EventDispatchThread.java:188)
at java.awt.EventDispatchThread.run(EventDispatchThread.java:122)
Caused by: java.io.IOException: Error in ActorCacheObject(ReadExternal): ptolemy.eecs.berkeley.edu
at org.kepler.objectmanager.cache.ActorCacheObject.readExternal(ActorCacheObject.java:260)
at java.io.ObjectInputStream.readExternalData(ObjectInputStream.java:1792)
at java.io.ObjectInputStream.readOrdinaryObject(ObjectInputStream.java:1751)
at java.io.ObjectInputStream.readObject0(ObjectInputStream.java:1329)
at java.io.ObjectInputStream.readObject(ObjectInputStream.java:351)
at org.kepler.objectmanager.cache.CacheManager.getObject(CacheManager.java:518)
... 33 more

I also get the following exception when I save a KAR, but the KAR appears to be created:

done writing KAR file to /Users/crawl/KeplerData/workflows/MyWorkflows/01-SimpleAddition.kar
java.net.UnknownHostException: ptolemy.eecs.berkeley.edu
at java.net.PlainSocketImpl.connect(PlainSocketImpl.java:177)

```
at java.net.SocksSocketImpl.connect(SocksSocketImpl.java:432)
at java.net.Socket.connect(Socket.java:529)
at java.net.Socket.connect(Socket.java:478)
at sun.net.NetworkClient.doConnect(NetworkClient.java:163)
at sun.net.www.http.HttpClient.openServer(HttpClient.java:394)
at sun.net.www.http.HttpClient.openServer(HttpClient.java:529)
at sun.net.www.http.HttpClient.<init>(HttpClient.java:233)
at sun.net.www.http.HttpClient.New(HttpClient.java:306)
at sun.net.www.http.HttpClient.New(HttpClient.java:323)
at sun.net.www.protocol.http.HttpURLConnection.getNewHttpClient(HttpURLConnection.java:860)
at sun.net.www.protocol.http.HttpURLConnection.plainConnect(HttpURLConnection.java:801)
at sun.net.www.protocol.http.HttpURLConnection.connect(HttpURLConnection.java:726)
at sun.net.www.protocol.http.HttpURLConnection.getInputStream(HttpURLConnection.java:1049)
at org.apache.xerces.impl.XMLEntityManager.setupCurrentEntity(Unknown Source)
at org.apache.xerces.impl.XMLEntityManager.startEntity(Unknown Source)
at org.apache.xerces.impl.XMLEntityManager.startDTDEntity(Unknown Source)
at org.apache.xerces.impl.XMLDTDScannerImpl.setInputSource(Unknown Source)
at org.apache.xerces.impl.XMLDocumentScannerImpl$DTDDispatcher.dispatch(Unknown Source)
at org.apache.xerces.impl.XMLDocumentFragmentScannerImpl.scanDocument(Unknown Source)
at org.apache.xerces.parsers.XML11Configuration.parse(Unknown Source)
at org.apache.xerces.parsers.XML11Configuration.parse(Unknown Source)
at org.apache.xerces.parsers.XMLParser.parse(Unknown Source)
at org.apache.xerces.parsers.DOMParser.parse(Unknown Source)
at org.apache.xerces.jaxp.DocumentBuilderImpl.parse(Unknown Source)
at org.kepler.moml.KeplerMetadataExtractor.extractActorMetadata(KeplerMetadataExtractor.java:104)
at org.kepler.objectmanager.cache.ActorCacheObject.<init>(ActorCacheObject.java:143)
at org.kepler.kar.handlers.ActorMetadataKAREntryHandler.cache(ActorMetadataKAREntryHandler.java:212)
at org.kepler.kar.KARFile.cache(KARFile.java:920)
at org.kepler.kar.KARFile.cacheKARContents(KARFile.java:633)
at org.kepler.kar.SaveKAR.saveToCache(SaveKAR.java:185)
at org.kepler.gui.kar.ExportArchiveAction.actionPerformed(ExportArchiveAction.java:429)
at org.kepler.gui.kar.SaveArchiveAction.actionPerformed(SaveArchiveAction.java:89)
at javax.swing.AbstractButton.fireActionPerformed(AbstractButton.java:2028)
at javax.swing.AbstractButton$Handler.actionPerformed(AbstractButton.java:2351)
at javax.swing.DefaultButtonModel.fireActionPerformed(DefaultButtonModel.java:387)
at javax.swing.DefaultButtonModel.setPressed(DefaultButtonModel.java:242)
at javax.swing.AbstractButton.doClick(AbstractButton.java:389)
at javax.swing.plaf.basic.BasicMenuItemUI.doClick(BasicMenuItemUI.java:1223)
at com.apple.laf.AquaMenuItemUI.doClick(AquaMenuItemUI.java:137)
at javax.swing.plaf.basic.BasicMenuItemUI$Handler.mouseReleased(BasicMenuItemUI.java:1264)
at java.awt.Component.processMouseEvent(Component.java:6348)
at javax.swing.JComponent.processMouseEvent(JComponent.java:3267)
at java.awt.Component.processEvent(Component.java:6113)
at java.awt.Container.processEvent(Container.java:2085)
at java.awt.Component.dispatchEventImpl(Component.java:4714)
at java.awt.Container.dispatchEventImpl(Container.java:2143)
at java.awt.Component.dispatchEvent(Component.java:4544)
at java.awt.LightweightDispatcher.retargetMouseEvent(Container.java:4618)
at java.awt.LightweightDispatcher.processMouseEvent(Container.java:4282)
at java.awt.LightweightDispatcher.dispatchEvent(Container.java:4212)
at java.awt.Container.dispatchEventImpl(Container.java:2129)
at java.awt.Window.dispatchEventImpl(Window.java:2478)
at java.awt.Component.dispatchEvent(Component.java:4544)
at java.awt.EventQueue.dispatchEvent(EventQueue.java:635)
at java.awt.EventDispatchThread.pumpOneEventForFilters(EventDispatchThread.java:296)
at java.awt.EventDispatchThread.pumpEventsForFilter(EventDispatchThread.java:211)
at java.awt.EventDispatchThread.pumpEventsForHierarchy(EventDispatchThread.java:201)
at java.awt.EventDispatchThread.pumpEvents(EventDispatchThread.java:196)
at java.awt.EventDispatchThread.pumpEvents(EventDispatchThread.java:188)
at java.awt.EventDispatchThread.run(EventDispatchThread.java:122)
Error parsing Actor KAR DOM "<?xml version="1.0"?>
<!DOCTYPE entity PUBLIC "-//UC Berkeley//DTD MoML 1//EN"
"http://ptolemy.e...": ptolemy.eecs.berkeley.edu
MC 18:57:45,405: [WARN]: KAREntry has no lsid: null [org.kepler.objectmanager.cache.CacheManager]
```

History

#1 - 10/26/2010 11:37 AM - Sean Riddle

Fixed in r26177.

#2 - 11/01/2010 10:44 AM - ben leinfelder

This might also be a problem when trying to read the KAR XML schema for validating it (I believe the namespace points to a tag on the SVN repository).

#3 - 03/27/2013 02:29 PM - Redmine Admin

Original Bugzilla ID was 5225