Kepler - Bug #4619

WorkflowRuns not showing inside KARs in library

12/09/2009 06:21 PM - Derik Barseghian

Status:	Resolved		**Start date:**	12/09/2009
Priority:	Normal		**Due date:**	
Assignee:	Derik Barseghian		**% Done:**	0%
Category:	general		**Estimated time:**	0.00 hour
Target version:	wrp-modules-2.0.0		**Spent time:**	0.00 hour
Bugzilla-Id:	4619			

Description

WorkflowsRuns that are inside kars haven't been showing up in the component library for awhile now beneath an expanded KAR. ROMLs and RIOs show though.

Related issues:

Blocks Kepler - Bug #4689: Export run creates duplicate WorkflowRun files. Ex...	**Resolved**	**01/21/2010**
Blocks Kepler - Bug #4800: CacheManager can not insert WorkflowRun into cache	**Resolved**	**02/17/2010**

History

#1 - 12/09/2009 07:12 PM - Derik Barseghian

Leaving off here for now: problem is related to fact that insertEntryIntoCache fails when trying to insert WorkflowRun in kar_contents table because it's not found in cachecontenttable.

#2 - 12/10/2009 07:08 PM - Derik Barseghian

partially fixed in r22162. You can now export the same run to different kars, and the run momls will show up in the tree. The changes in r22162 are a bit odd, I'll try to go over them to see if I can do it in a cleaner way. If anyone else makes any changes in this area, i.e. wrt how WorkflowRuns are dealt with in OM or in the 3 handlers that manipulate them, please test that subsequent exports of the same run to different kars works (the runs show up in the component library, and have the right values in serialized form).

There are still problems here that I'm going to try to sort out:
a) If you export a run, then tag the run and export it again to a differnt kar, kar2 in the library won't show the run.
b) 'View LSID' on the WorkflowRun in the library only shows the correct lsid for the most recent WorkflowRun in the most recent kar. Prior runs in prior kars show the original entityId lsid, not the proper revisions. The serialized forms still come out right however.

#3 - 12/10/2009 10:27 PM - Matt Jones

Derik -- it sounds to me like you need to develop a set of unit tests that exercise this functionality, in this case saving the run to a kar and then test that subsequent exports of the same run to different kars works. By automating this test and running it regularly, you can move on with confidence to other issues. We seem to be spinning our wheels, fixing one thing and in the process breaking others. Appropriate unit tests will reduce that.

#4 - 12/11/2009 08:49 AM - ben leinfelder

While unit tests would probably minimize this wheel spinning, I think it's non-trivial to develop them. Most of the intricacies come to light in the GUI; actions are invoked and results viewed there.

#5 - 12/14/2009 06:40 PM - Derik Barseghian

r22184 has re-broken this. KARFile now warns:
WARN (org.kepler.kar.KARFile:cache:838) KAREntry was not recognized: WorkflowRun.1.xml

Reverting to r22183 (provenance/Initialize.java) fixes the bug. Chad, do you know what's wrong?

#6 - 12/16/2009 11:09 AM - Derik Barseghian

r22211 fixes problem in comment#5.

#7 - 03/31/2010 05:59 PM - Derik Barseghian

this is working again. closing.

#8 - 03/27/2013 02:27 PM - Redmine Admin

Original Bugzilla ID was 4619