Kepler - Bug #5099

Import Dependent Modules for KAR doesn't work

07/21/2010 12:02 PM - Derik Barseghian

Status:	Resolved		**Start date:**	07/21/2010
Priority:	Normal		**Due date:**	
Assignee:	Derik Barseghian		**% Done:**	0%
Category:	general		**Estimated time:**	0.00 hour
Target version:	2.1.0		**Spent time:**	0.00 hour
Bugzilla-Id:	5099			

Description

If you create a KAR that depends on modules that you're not currently running, the KAR icon in the Components pane shows an exclamation mark and gives you the option to Import Dependent Modules. This action does not work however, because the modules it attempts to download don't exist -- the KAR MANIFEST.MF dependsOnModule and module-dependencies attributes are just storing module names without version numbers, so e.g. if you're configured to the test-releases area, and attempt to open a 'reporting KAR' in vanilla kepler, the import action will attempt to download:

https://code.kepler-project.org/code/kepler/releases/test-releases//provenance/provenance.zip

instead of:

https://code.kepler-project.org/code/kepler/releases/test-releases/provenance-2.0.0/provenance-2.0.0.zip

An additional problem is that if this fails to download, you get an error message, but it's followed by a message saying 'Module Download Complete' as if it had worked.

Aaron and David - I'm not sure what your decision was on this - should a KAR created w/ particular modules always be openable by those modules, no matter their version? It seems like the KAR MANIFEST should store the exact versions of the modules that were used to create it, for future identification. Having already released 2.0, if changes to the KAR MANIFEST are made, they should be backward compatible to support KARs users may have already made.

Related issues:

Blocks Kepler - Bug #5119: Make switching to a specific set of modules turn o...	**Resolved**	**08/04/2010**
Blocks Kepler - Bug #5121: Provide a button to manually check for updates	**Resolved**	**08/04/2010**
Blocks Kepler - Bug #5147: Resolve issue with modules.txt	**Resolved**	**08/12/2010**
Blocks Kepler - Bug #5143: not getting prompted to upgrade to available patch...	**Resolved**	**08/11/2010**
Blocks Kepler - Bug #5157: Devise approach for when patching should occur whe...	**Resolved**	**08/20/2010**

History

#1 - 07/28/2010 06:51 PM - Derik Barseghian

Checked in a first pass at this into 2.0 in r25165. Not yet in trunk.

#2 - 08/05/2010 04:14 PM - Derik Barseghian

These changes will be put into a new 2.1 branch, and removed from the 2.0 branch.

Yesterday I made more progress on the current plan, which Matt explains here:
http://mercury.nceas.ucsb.edu/kepler/pipermail/kepler-dev/2010-August/018716.html

#3 - 08/18/2010 12:09 PM - Derik Barseghian

This is implemented now, it just needs further testing once bugs #5147 and #5143 are fixed.

As part of this I've removed the File=>Save and File=>Save As menu items. Since module-dependencies are stored in kar manifests, attempting to open a workflow as xml in a suite that doesn't support that workflow's needs would result in errors, and not the import module dependency prompt you now get for kars. Discussion for this menu change, and how to re-enable them is found here:
http://mercury.nceas.ucsb.edu/kepler/pipermail/kepler-users/2010-August/002321.html

#4 - 08/25/2010 05:03 PM - Derik Barseghian

Done.

#5 - 03/27/2013 02:29 PM - Redmine Admin

Original Bugzilla ID was 5099