

## Kepler - Bug #5233

### Remote component search messes up returns which have the same karFileName in kar xml

10/28/2010 02:57 PM - Jing Tao

<b>Status:</b>	Resolved	<b>Start date:</b>	10/28/2010
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Jing Tao	<b>% Done:</b>	0%
<b>Category:</b>	general	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	2.2.0	<b>Spent time:</b>	0.00 hour
<b>Bugzilla-Id:</b>	5233		

#### Description

On 2010-09-01, Jones uploaded the kar xml 2099.22.1 and kar file 2099.21.1. In the kar xml, it says the kar file (2099.21.1) NOT having a report module. We looked the kar file, it is true that it doesn't have a report module.

On 2010-10-27, Jones uploaded the kar xml 3075.20. 1 and kar file 2099.21.2. In the kar xml, it says the kar file (2099.21.2) having a report module. We looked the kar file, it is true that it dose have a report module.

Both kar xml have the same karFileName - BoxPlotDemo.kar

However, when we searched the remote repository, it seems there is only one workflow with the name BoxPlotDemo.kar showing - 3075.20.1 with the report. Something is messed up.

I looked the log and saw both "Parsing KAR XML: 2099.22.1" and "Parsing KAR XML: 3075.20.1". This means that metacat's return is good. But kepler component search has a bug. The worse case is that the component search messes up the kar id - it assigns 2099.21.1 which doesn't have a report to kar xml 3075.20. 1. So our workflow run engine downloaded a wrong kar file and executed it. Since the kar file doesn't have a report, there will not be workflow run kar being uploaded to the remote server.

#### History

##### #1 - 11/01/2010 10:32 AM - ben leinfelder

What server are these on? I can't see them on <http://library.kepler-project.org/kepler>

##### #2 - 11/03/2010 05:55 PM - Jing Tao

I dug around and found in method EcogridRepositoryLibrary.createKarLevel(): it used the kar file name as the entity name to create an entity. When a NameDuplicationException was generated, the previous entity will be removed.

So I modified the code to add an appendix to the name - karid and karxml file id if a NameDuplicationException is generated.

This method was called during processing every karEntries. This is not good, we only need to call it once during generating kar file level (karXML). So I fixed it.

##### #3 - 11/03/2010 05:58 PM - Jing Tao

for comment 1:

Ben: it is in kepler-dev.nceas.ucsb.edu/kepler. You may find the two items there.

##### #4 - 03/27/2013 02:29 PM - Redmine Admin

Original Bugzilla ID was 5233