

Infrastructure - Bug #3278

DataPackage.serializePackage() method doesn't work very well.

2012-09-27 18:51 - Jing Tao

Status:	Closed	Start date:	2012-09-27
Priority:	Normal	Due date:	
Assignee:	Rob Nahf	% Done:	100%
Category:	d1_libclient_java	Estimated time:	0.00 hour
Target version:	Sprint-2012.39-Block.5.4	Story Points:	
Milestone:	None		
Product Version:	*		

**Description**

Here is the what i did:  
DataPackage dataPackage = new DataPackage(packageld);  
dataPackage.insertRelationship(metadataId, dataId);  
String resourceMap = dataPackage.serializePackage();  
System.out.println("the resource map is"+resourceMap);

My science meadata id is:doi:10.5063/AA/tao.1.1  
data id is: doi:10.5063/AA/tao.1.1

But in the output of string, i can't find the relationship between the metadata id and the data id:  
the resource map is

2012-09-27T11:43:38.165-07:00/[dcterms:modified](#)

resource-map:eea3f44d-bd9c-4c50-88ed-dd51407b0d40/[dcterms:identifier](#)  
[/rdf:Description](#)

Java libclient/[foaf:name](#)  
[/rdf:Description](#)

[dc:title](#)DataONE Aggregation/[dc:title](#)  
[/rdf:Description](#)  
[/rdf:RDF](#)

History

#1 - 2012-09-27 18:52 - Jing Tao

Here is a correct copy of the resource map:

[ore:isAggregatedByhttps://cn.dataone.org/cn/v1/resolve/resourceMap\\_tao.1.1#aggregation/ore:isAggregatedBy](#)  
doi:10.5063/AA/tao.2.1/[dcterms:identifier](#)  
[/rdf:Description](#)

Java libclient/[foaf:name](#)  
[/rdf:Description](#)

[ore:isAggregatedByhttps://cn.dataone.org/cn/v1/resolve/resourceMap\\_tao.1.1#aggregation/ore:isAggregatedBy](#)  
doi:10.5063/AA/tao.1.1/[dcterms:identifier](#)  
[/rdf:Description](#)

[dc:title](#)DataONE Aggregation/[dc:title](#)

[/rdf:Description](#)

2012-06-22T20:55:41-0700/[dcterms:modified](#)

resourceMap\_tao.1.1/[dcterms:identifier](#)

[/rdf:Description](#)

[/rdf:RDF](#)

## #2 - 2012-09-28 17:22 - Ben Leinfelder

I think you need to have called `DataPacakge.add(D1Object)` before you serialize the ORE.  
Your data and metadata ids are the same?

Your second RDF file looks good -- how did you end up with that?

## #3 - 2012-09-28 18:19 - Jing Tao

Good catch. Yeah, i made a mistake to put the same id for both metadata and data. I corrected it and the result didn't change.  
The second RDF was got from the KNB metacat. It is a example and i didn't make it.

I don't think it is necessary to call `DataPacakge.add(D1Object)` before you serialize the ORE. I went over the code a little bit. The `serializePackage` method uses the class field `metadataMap`, but the `add` method mainly involves the class field `objectStore`. I have a feeling that `insertRelationship(metadataId, dataId)` has a bug. This method modifies the field `metadataMap`.

## #4 - 2012-09-28 23:00 - Rob Nahf

- *Target version set to Sprint-2012.39-Block.5.4*
- *Tracker changed from Task to Bug*
- *Status changed from New to Closed*

found a bug in the `insertRelationship` method, where the new relationship wasn't added for new `metadataId`s.

## #5 - 2012-09-29 03:48 - Rob Nahf

- *% Done changed from 0 to 100*