

MetacatUI - Feature #5950

Implement data package download

05/24/2013 05:06 PM - Matt Jones

Status:	Closed	Start date:	07/04/2013
Priority:	Normal	Due date:	
Assignee:	ben leinfelder	% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:	1.0.0	Spent time:	0.00 hour
Bugzilla-Id:			
Description			
Subtasks:			
Task # 6026: Implement MN.getPackage()			Closed
Task # 6027: Wire-up the MN.getPackage() method to a REST endpoint			Closed

History

#1 - 07/08/2013 11:45 AM - ben leinfelder

- Assignee set to ben leinfelder

For reference, there is this draft architecture spec:

<http://mule1.dataone.org/ArchitectureDocs-current/design/DataPackage.html#package-serialization-using-bagit>

#2 - 07/09/2013 10:54 AM - ben leinfelder

- Status changed from New to In Progress

Aside from adding rendered metadata to the package, this is ready for group review.

Outstanding issues that I see:

- the entries in the package are named randomly (temp file creation) but the pid-mapping file tells users which file represents which pid.
- we are using lots of temp files. all but one are removed immediately, but the last bagit.zip file is streamed by the MN implementation so we don't really know when it is safe delete the file. It is marked for deletion "on exit" - but that could be weeks if not months if Tomcat is not restarted.

Alternative is to hold the zip file in memory and stream from those bytes...but that seems even worse than having temp files build up.

#3 - 07/12/2013 06:00 PM - ben leinfelder

- Status changed from In Progress to Closed

First version of this is ready in Metacat trunk.