Infrastructure - Story #595

Design and implement the retrieve/store content synchronization service component

2010-04-23 01:01 - Matthew Jones

Status:	Closed	**Start date:**	
Priority:	High	**Due date:**	
Assignee:	Robert Waltz	**% Done:**	100%
Category:	d1_cn_service	**Estimated time:**	0.00 hour
Target version:	CCI-0.4		
Story Points:			

Description

Design and implement the component that will retrieve content from MN and store in Metacat

- use client from the java itk library (https://trac.dataone.org/browser/software/cicore/trunk/itk/d1-java)
- retrieve systemMetadata from MN based on ID read from messaging queue
- parse systemMetadata to discover scimeta or data
- if scimeta then store sysmeta and scimeta in metacat
- otherwise only store sysmeta

Metanarrative:

As a developer, I need to implement the CN synchronization service in order to keep metadata objects from Member Nodes synchronized
-- involves building the scheduler for the CN service
-- involves tracking when each MN was last synched to know which objects to ask for
-- involves calling MN.listObjects as needed
-- involves calling MN.get() and MN.getSystemMetadata() as needed
-- involves calling Metacat.create() and Metacat.update() to store the objects in the CN