Infrastructure - Story #595

Design and implement the retrieve/store content synchronization service component

2010-04-23 01:01 - Matthew Jones

Status: Start date: Closed **Priority:** High Due date: % Done: Assignee: Robert Waltz 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

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