

Infrastructure - Story #610

Design and implement a processing queue for synchronization service component

2010-05-06 04:55 - Robert Waltz

|   |               |                        |           |
|---|---------------|------------------------|-----------|
| <b>Status:</b>  | Closed        | <b>Start date:</b>     |           |
| <b>Priority:</b>  | High          | <b>Due date:</b>       |           |
| <b>Assignee:</b>  | Robert Waltz  | <b>% Done:</b>         | 100%      |
| <b>Category:</b>  | d1_cn_service | <b>Estimated time:</b> | 0.00 hour |
| <b>Target version:</b>  | CCI-0.4       |                        |           |
| <b>Story Points:</b>  |               |                        |           |
| <b>Description</b>  |               |                        |           |
| <ul style="list-style-type: none"><li>(story, 5pt) Design and implement a component that responds to tasks from the scheduler (above) for polling listObjects()<ul style="list-style-type: none"><li>able to use the ITK client for this (handling the listObjects call)</li><li>add a message to the queue for each item needing processing in listobjects</li><li>maintain state of last time listobjects was called, serialize object</li><li>update UC06 text to flesh out design</li></ul></li></ul> |               |                        |           |
| <b>Metanarrative:</b><br>Design and implement the retrieve content synchronization service component that will retrieve content from MN and store in Metacata   |               |                        |           |
| 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  |               |                        |           |

History

#1 - 2010-08-31 19:04 - Robert Waltz

- Status changed from New to Closed