

## Infrastructure - Task #173

### Document mechanisms for interaction with Mercury system

2010-01-13 18:40 - Dave Vieglais

<b>Status:</b>	Closed	<b>Start date:</b>	
<b>Priority:</b>	High	<b>Due date:</b>	
<b>Assignee:</b>	Giri Palanisamy	<b>% Done:</b>	100%
<b>Category:</b>	d1_indexer	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	CCI-0.3 Deployed	<b>Story Points:</b>	
<b>Milestone:</b>	None		
<b>Product Version:</b>	*		

#### Description

Mercury is to provide (simple fielded + full text) search capability with the goal of reducing the load on the document store (Metacat).

Documentation describing how the CN\_service (i.e. the service implementing the outward facing CN APIs) might interact with the Mercury system is required. The general assumption made thus far is that the CN\_Service will interact with the SOLR service or perhaps directly with the lucene index that Mercury is using.

Documentation (preferably) or relevant source is required to further define this aspect of implementation.

Basically:

- how can the cn\_service interact with Mercury?
- how can the cn\_service discover which fields are defined in the Mercury index?
- What query formats are supported by the Mercury installation?
- Which fields support enumeration (list unique values and their counts)?
- Is faceting enabled?
- What are the limits the the number of records returned in response to a single request?

#### History

#1 - 2010-08-13 23:08 - Dave Vieglais

- Status changed from New to Closed

Task to organize docs: [#786](#)