

## Metacat - Bug #5815

### Integrate Lucene indexing

01/24/2013 01:54 PM - Brendan Hahn

<b>Status:</b>	Resolved	<b>Start date:</b>	01/24/2013
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Brendan Hahn	<b>% Done:</b>	0%
<b>Category:</b>	metacat	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	2.1.0	<b>Spent time:</b>	0.00 hour
<b>Bugzilla-Id:</b>	5815		
<b>Description</b>			
Add a Lucene index and query interface for metacat docs.			
<b>Related issues:</b>			
Blocked by Metacat - Feature #5810: Implement SOLR-based search		<b>Closed</b>	<b>01/24/2013</b>

### History

#### #1 - 02/25/2013 07:59 AM - ben leinfelder

Where "Metacat docs" include:

- Currently indexed DataONE science metadata (EML versions, FGDC versions, Dryad)
- SystemMetadata
- ORE objects
- Any additional XML schema\*\*

\*\*When adding a new schema to be indexed by Metacat here are some requirements:

- Metacat admin should have complete control over which xpath expressions map to which fields in the current index.
- Configuration should allow for: adding new fields, specifying the type (string, number, boolean, etc) of the field, specifying the name of the field, and mapping one or more xpath expressions to the field.
- If there is currently no appropriate field in the index, then the administrator should be able to easily add a new field to the index to accommodate the new xpath.
- Metacat should not be at the mercy of DataONE to augment the fields or objectFormats that are indexed. It should incorporate enhancements from DataONE if desired, but Metacat should be able to blaze the trail on indexing new content before the CN stack implements similar behavior.

#### #2 - 03/13/2013 03:49 PM - Jing Tao

We will use solr. so close it.

#### #3 - 03/27/2013 02:31 PM - Redmine Admin

Original Bugzilla ID was 5815