

## Member Nodes - Task #6363

MNDeployment # 4247 (Deprecated): EDORA (Environmental Data for the Oak Ridge Area)

Task # 6353 (Closed): Add support for ORNL Mercury metadata schema to the Metacat schema catalog in each environment

### Add the ORNL Mercury schema to the object format list

2014-09-08 16:38 - Chris Jones

<b>Status:</b>	Closed	<b>Start date:</b>	2014-09-08
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Chris Jones	<b>% Done:</b>	100%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	Operational		
<b>Story Points:</b>			
<b>Description</b>			
To fully support the new schema used by ORNL Mercury instance documents, we need to add the following format to the object format list:			
formatId: <a href="http://purl.org/ornl/schema/mercury/terms/v1.0">http://purl.org/ornl/schema/mercury/terms/v1.0</a>			
formatType: METADATA			

### History

#### #1 - 2014-09-08 16:40 - Chris Jones

I've added the object format to subversion, but am getting SQL errors in the stage environment when updating the object format list:

```
metacat 20140908-16:20:21: [ERROR]: DocumentImpl.writeDocumentToDB - SQL error: ERROR: update or delete on table "xml_nodes" violates foreign key constraint "xml_index_nodeid_fk" on table "xml_index" [edu.ucsb.nceas.metacat.DocumentImpl]
```

```
metacat 20140908-16:20:21: [ERROR]: DocumentImpl.write - Problem with parsing: Error in DBSaxHandler.startElement for action UPDATE : ERROR: update or delete on table "xml_nodes" violates foreign key constraint "xml_index_nodeid_fk" on table "xml_index" [edu.ucsb.nceas.metacat.DocumentImpl]
```

```
metacat 20140908-16:20:21: [WARN]: MetacatHandler.handleInsertOrUpdateAction - General error when writing eml document to the database: Error in DBSaxHandler.startElement for action UPDATE : ERROR: update or delete on table "xml_nodes" violates foreign key constraint "xml_index_nodeid_fk" on table "xml_index" [edu.ucsb.nceas.metacat.MetacatHandler]
```

I'm troubleshooting this now.

#### #2 - 2014-09-09 18:24 - Chris Jones

- Status changed from In Progress to Testing

Fixed. On the CNs, we have fairly recently set the database.usexmlindex property in Metacat to false, but when we first inserted the object format list, it was set to true. This caused a SQL foreign key constraint exception when updating the list. To fix this, I've truncated the xml\_index table on all 3 CNs in the stage environment.

#### #3 - 2014-09-29 21:25 - Laura Moyers

- Target version changed from Deploy by end of Y1Q1 to Deploy by end of NCTE

#### #4 - 2014-11-24 14:57 - Laura Moyers

- Target version changed from *Deploy by end of NCTE* to *Operational*

**#5 - 2014-11-24 19:07 - Chris Jones**

- Status changed from *Testing* to *Closed*

- translation missing: *en.field\_remaining\_hours* set to 0.0

This format has been added to production as well.