

Infrastructure - Bug #881

CN.resolve() returns invalid error message

2010-09-22 00:52 - Matthew Jones

Status:	Closed	Start date:	
Priority:	Urgent	Due date:	
Assignee:	Rob Nahf	% Done:	100%
Category:	d1_cn_service	Estimated time:	0.00 hour
Target version:	CCI-0.5	Story Points:	
Milestone:	None		
Product Version:	*		

Description

Calling CN.resolve() on an identifier that does not exist returns an XML response that is not well formed, and that does not follow the error message syntax specified in the architecture documents.

Here's what one gets from the current resolve():

```
$ curl -H "Accept: text/xml" http://cn-dev.dataone.org/cn/resolve/THIS\_ID\_IS\_BOGUS
<?xml version="1.0" encoding="UTF-8"?>
Document not found:THIS_ID_IS_BOGUS
```

This needs to be changed to use the normal error message format expected by clients. The java D1Client test will fail one test until this is fixed, as it tests for a proper error response on an ID not in use.

History

#1 - 2010-09-22 17:27 - Rob Nahf

testing with the call:

```
$ curl -H "Accept: text/xml" http://cn-dev.dataone.org/cn/meta/THIS\_ID\_IS\_BOGUS
yields a valid xml return:
<?xml version="1.0"?>
```

```
Document not found:THIS_ID_IS_BOGUS
```

So, the resolve-filter-xml.xslt is not handling the error XML returned. Need to adapt.

#2 - 2010-09-22 17:28 - Rob Nahf

- Status changed from New to In Progress

#3 - 2010-09-22 18:07 - Rob Nahf

added xsl template to correctly pass through the error xml coming from the sysmetadata call. Unit tested with saxon9he. Produces identical transformations as previous version for systemMetadata documents, and produces nearly identical error xml document as the one input. (leaves off final linefeed, and adds 'encoding="UTF-8"' attribute to the leading <?xml> element. Still need to deploy the new version.

#4 - 2010-09-22 22:31 - Rob Nahf

- Status changed from In Progress to Closed

Hudson tests passed.
Proper response via curl now.