

Infrastructure - Bug #3481

metacata D1NodeService.get() returning wrong exception

2013-01-14 23:01 - Rob Nahf

Status:	Closed	Start date:	2014-10-01
Priority:	Normal	Due date:	2014-12-13
Assignee:	Jing Tao	% Done:	100%
Category:	Metacat	Estimated time:	0.00 hour
Target version:	CCI-2.0.0	Story Points:	
Milestone:	None		
Product Version:			
Description			
On a disk-full condition, cn-dev returned a NotFound exception, instead of ServiceFailure.			
The object specified by jscentist.7.5could not be returned due to error: No space left on device			
D1NodeService.get() converts every type of exception returned from MetacatHandler.read() to a NotFound, although this methods returns several types of exceptions. (throws ParseLSIDException, PropertyNotFoundException, McdbException, SQLException, ClassNotFoundException, IOException).			
It seems that D1NodeService.get should map some of these to other DataONE exceptions.			

History

#1 - 2014-10-01 22:05 - Dave Vieglais

- Assignee changed from Ben Leinfelder to Jing Tao

#2 - 2014-10-01 22:05 - Dave Vieglais

- Due date set to 2014-10-01
- Target version set to Release Backlog
- Start date set to 2014-10-01

#3 - 2014-12-13 00:33 - Jing Tao

- Status changed from New to Closed
- Target version changed from Release Backlog to CCI-2.0.0
- Due date changed from 2014-10-01 to 2014-12-13

In that the class, if the method handler.read(localId) threw an Exception class, the catch clause threw it to a NotFoundException. This worked for deleting, but not for the other situation.

So the exception handling was divided to parts:

1. For the McdbDocNotFoundException, the NotFound exception will be returned.
2. For the other Exception, a ServiceFailure exception will be returned.