Infrastructure - Bug #3246

Metacat returns 500 instead of 404 in some cases

2012-09-11 02:00 - Dave Vieglais

Status:	New		**Start date:**	2012-09-11
Priority:	Low		**Due date:**	2014-10-02
Assignee:	Ben Leinfelder		**% Done:**	0%
Category:	Metacat		**Estimated time:**	0.00 hour
Target version:	Release Backlog			
Milestone:	None		**Story Points:**	
Product Version:				

Description

For example:

https://knb.ecoinformatics.org/knb/d1/mn/v1/bogus

should return a 404 NotFound error, but instead returns a 500, ServiceFailure.

This is not an urgent issue, but should probably be cleaned up.

History

#1 - 2012-09-11 17:28 - Matthew Jones

In exploring this error, I see that Metacat's service dispatching is somewhat imprecise, and should be fixed to be sure that the exact rest endpoints are used to invoke services. For example:

https://knb.ecoinformatics.org/knb/d1/mn/v1/node
https://knb.ecoinformatics.org/knb/d1/mn/v1/nodexxx
https://knb.ecoinformatics.org/knb/d1/mn/v1/nodeyyy

All of these produce the nodelist, but only the first should -- the others should be 404 errors.

Similarly, in the following two calls:

https://knb.ecoinformatics.org/knb/d1/mn/v1/object?count=30
https://knb.ecoinformatics.org/knb/d1/mn/v1/objectxxx?count=30

THe first correctly returns the object list, but the second returns a 404 with the message "No system metadata could be found for given PID: xxx". Instead, that should have been rejected with a 404 that says the service "objectxxx" was not found.

Overall, it seems that the precision of method dispatch and url parsing in Metacat should be reviewed.

#2 - 2014-10-02 18:03 - Jing Tao

- Due date set to 2014-10-02

- Target version set to Release Backlog

- translation missing: en.field_remaining_hours set to 0.0