Infrastructure - Bug #2470

Metacat listObjects MN test failing for startTime

2012-03-12 20:48 - Ben Leinfelder

Status:	Closed		**Start date:**	
Priority:	Normal		**Due date:**	
Assignee:	Ben Leinfelder		**% Done:**	100%
Category:	Metacat		**Estimated time:**	0.00 hour
Target version:	Sprint-2012.11-Block.2.2			
Milestone:	CCI-1.0.0		**Story Points:**	
Product Version:	*			

Description
Looks like startTime is not fully beng respected for the queries:

java.lang.AssertionError: identifier MNodeTierTests.201272124037945 with sysMetaModified date of Mon Mar 12 13:40:38 UTC 2012 should not be in the objectList where startTime set to Mon Mar 12 13:40:46 UTC 2012 [for host https://fred.msi.ucsb.edu/knb/d1/mn/v1]

History

#1 - 2012-03-12 20:49 - Ben Leinfelder

- Category set to Metacat

- Assignee set to Ben Leinfelder

#2 - 2012-03-13 03:37 - Ben Leinfelder

- Status changed from New to In Progress

On my MacBook this works as expected: the dates are handled correctly and slicing with them is a piece of cake.
On fred it seems like there is a time zone issue - perhaps between the JDBC layer and the actual DB.
For example:
When requesting:
https://fred.msi.ucsb.edu/knb/d1/mn/v1/object?fromDate=2012-03-13T00:08:23+00:00

- I can see a prepared statement like: "select guid, date_uploaded, rights_holder, checksum, checksum_algorithm, origin_member_node, authoritive_member_node, date_modified, submitter, object_format, size from systemmetadata where date_modified >= 2012-03-13 00:08:23+00:00"

but when it executes in Java the results are not filtered correctly (they seem to ignore the time zone offset and therefore include too many records)

- when I run the query statement directly using psql, I see the expected results (filtered down).

If I request with a local timezone offset, I get the filtered list:
https://fred.msi.ucsb.edu/knb/d1/mn/v1/object?fromDate=2012-03-13T00:08:23-07:00
but that means it is finding a record with date_modified = 2012-03-13T00:08:23.924+00:00

#3 - 2012-03-13 17:19 - Ben Leinfelder

- Status changed from In Progress to Closed

works on DEMO2