

## Python GMN - Bug #7651

### GMN returns two different dataSysMetadataModified dateTime stamps for same object

2016-02-22 23:42 - Mark Servilla

<b>Status:</b> New	<b>Start date:</b> 2016-02-22
<b>Priority:</b> High	<b>Due date:</b>
<b>Assignee:</b> Roger Dahl	<b>% Done:</b> 0%
<b>Category:</b>	<b>Estimated time:</b> 0.00 hour
<b>Target version:</b>	
<b>Story Points:</b>	

**Description**

GMN returns two different dataSysMetadataModified dateTime stamps for same object: one in MNRead.getSystemMetadata() and the other in MNRead.listObjects():

```
curl -s -X GET https://gmnet.lternet.edu/mn/v1/meta/doi:10.6073/AA/knb-lter-bes.417.47 | xml fo
<?xml version="1.0"?>

4
doi:10.6073/AA/knb-lter-bes.417.47
eml://ecoinformatics.org/eml-2.0.1
11435
84a5a7f446bed53b2a5f9090dfc2e7d9
CN=urn:node:LTER,DC=dataone,DC=org
uid=BES,o=LTER,dc=ecoinformatics,dc=org

public
read

uid="BES",o=lter,dc=ecoinformatics,dc=org
read
write
changePermission

doi:10.6073/AA/knb-lter-bes.417.46
doi:10.6073/AA/knb-lter-bes.417.48
2015-03-06T07:09:13.931577
2016-01-13T13:01:44.579484Z
urn:node:LTER
urn:node:LTER
/ns1:systemMetadata

and

curl -s -X GET "
https://gmnet.lternet.edu/mn/v1/object?fromDate=2012-06-26T10:40:00.000+00:00&toDate=2012-06-26T10:45:00.000+00:00" | xml fo
<?xml version="1.0"?>

doi:10.6073/AA/knb-lter-bes.417.47
eml://ecoinformatics.org/eml-2.0.1
84a5a7f446bed53b2a5f9090dfc2e7d9
2012-06-26T10:41:36.229
11435

/ns1:objectList

This state occurs after the GMN receives an MNAuthorization.systemMetadataChanged() call from the CN to refresh system metadata.
```

**Related issues:**

Related to Member Nodes - Task #7645: LTER object(s) not synchronizing - bad ...

**Rejected****2016-02-17****History**

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**#1 - 2016-02-22 23:42 - Mark Servilla**

- Subject changed from *GMN returns two different dateSysMetadataModified datesTime stamps for same object* to *GMN returns two different dateSysMetadataModified dateTime stamps for same object*

**#2 - 2016-02-22 23:42 - Mark Servilla**

- Related to Task #7645: LTER object(s) not synchronizing - bad dateSysMetadataModified? added

**#3 - 2016-03-01 17:26 - Mark Servilla**

This issue affects both process\_system\_metadata\_refresh\_queue.py and process\_replication\_queue.py processing, which commonly use mn.sysmeta\_store.py to write new system metadata to the local store. Tentative analysis indicates that mn.sysmeta\_store.py should not update dateSysMetadataModified field to "now" during this process.

**#4 - 2016-04-14 14:17 - Mark Servilla**

- Assignee changed from Mark Flynn to Roger Dahl