

## Infrastructure - Story #453

### Generate system metadata from ORNL/DAAC for python MN service

2010-03-25 13:39 - Dave Vieglais

<b>Status:</b>	Closed	<b>Start date:</b>	2013-01-02
<b>Priority:</b>	High	<b>Due date:</b>	2013-01-02
<b>Assignee:</b>	Giri Palanisamy	<b>% Done:</b>	100%
<b>Category:</b>	mn.Mercury	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	CCI-0.4		
<b>Story Points:</b>			

#### Description

As a DAAC manager / developer I need to provide a mechanism for generating [DataONE](#) system metadata for the objects that will be shared through the MN stack for participation in the prototype activities.

- create export for sysmeta XML objects
- need to implement mechanism for tracking obsoletes / obsoleted by

System metadata fields that must be filled by the client:

- identifier for prototype, use "throwaway" GUID for zip and sci-meta
- objectFormat Mime/Type (enumerated value from sysmetadata schema)
- size byte size of object (science metadata or data zip file)
- submitter "ORNL DAAC User Services Offices"
- rightsHolder = submitter?
- obsoletes null (for now)
- obsoletedBy null (for now)
- derivedFrom null
- describes ID of the data (for system metadata describing science metadata)
- describedBy ID of the science metadata (for sysmeta describing data)
- checksum SHA-1 checksum
- checksumAlgorithm "SHA-1"
- embargoExpires null
- accessRule read anyone (except bad/interesting countries)
- replicationPolicy "Legally valid entities"

#### History

##### #1 - 2010-03-30 21:23 - Robert Waltz

- Status changed from New to In Progress

##### #2 - 2010-08-13 23:04 - Dave Vieglais

- Status changed from In Progress to Closed

**#3 - 2013-01-02 15:44 - Dave Vieglais**

- translation missing: en.field\_remaining\_hours set to 0.0
- Start date set to 2013-01-02
- Due date set to 2013-01-02
- Category changed from 299 to mn.Mercury