

## Archivematica - Feature #1537

### Management of persistent MCP metadata needed for statistical reports

01/07/2012 12:00 AM - Peter Van Garderen

<b>Status:</b>	New	<b>Start date:</b>	
<b>Priority:</b>	Low	<b>Due date:</b>	
<b>Assignee:</b>	Mike Cantelon	<b>% Done:</b>	0%
<b>Category:</b>	Data management	<b>Estimated time:</b>	24.00 hours
<b>Target version:</b>		<b>Pull Request:</b>	
<b>Google Code Legacy ID:</b>	archivematica-882	<b>Requires documentation:</b>	
<b>Sponsored:</b>	Yes		

**Description**

e.g. AIP & DIP locations info. This info will need to be backed up and maintained across release upgrades.

Likely strategy: ensure all this metadata is in one place, i.e. the MCP dbase, include cron script that does MySQL dumps and then document procedures/recommendations for getting backups off MCP server (e.g. on AIP storage?)

[g] Legacy categories: Data management

#### History

##### #1 - 01/07/2012 12:00 AM - Peter Van Garderen

[g] New owner: Joseph Perry

##### #2 - 01/31/2012 12:00 AM - Joseph Perry

I'll need to know what data needs to be preserved.

-I'm thinking a no-sql database as part of the AIP?  
-Or one for each storage location?

[g] New owner: Evelyn McLellan

##### #3 - 04/06/2012 12:00 AM - Evelyn McLellan

The data that should be preserved is:

For AIPs and DIPs:

AIP name  
AIP UUID  
AIP storage location  
Date placed in storage  
Date updated (when we have AIP versioning)  
AIP size  
related DIP  
DIP storage location  
DIP size  
Date DIP uploaded

For transfer backups:

Transfer name  
Transfer UUID  
Transfer size  
Transfer storage location  
Date placed in storage

Courtney to do mock-ups so I'm making her the owner.

[g] Labels added: Component-DataManagement  
[g] Labels removed: Component-Backup  
[g] New owner: Courtney Mumma

**#4 - 04/06/2012 12:00 AM - Courtney Mumma**

Additional metadata:

Accession Number to both AIP and Transfer

**#5 - 04/25/2012 12:00 AM - Courtney Mumma**

Joseph - I think that one DB per storage location would work best, with minimal MD available for overview in the Administration tab of the Archivematica Dashboard.

See mockup of the Admin tab here: [http://archivematica.org/wiki/index.php?title=Transfer\\_Backup\\_Requirements#Administration\\_Tab\\_in\\_Dashboard](http://archivematica.org/wiki/index.php?title=Transfer_Backup_Requirements#Administration_Tab_in_Dashboard)

**#6 - 05/22/2012 12:00 AM - Joseph Perry**

As the order of storing an AIP/uploading a DIP can vary. This information should be held in the es index for archivematica 0.9. Inserted as part of the processing chain, or microservice, for uploading or storing.

In future revisions, this information should be included in the upload/store or updated through an API. === DO NOT CLOSE THIS ISSUE TILL THIS IS DONE === (bump to 1.0 once 0.9 requirements are met)

[g] New owner: Mike Cantelon

**#7 - 05/29/2012 12:00 AM - Courtney Mumma**

- Target version changed from Release 0.9 to Release 0.10-beta

[g] Labels added: Milestone-Release-1.0  
[g] Labels removed: Milestone-Release-0.9

**#8 - 05/29/2012 12:00 AM - Courtney Mumma**

We need requirements for Management/Statistical reports (aggregate processing reports, eg success/fail, formats, etc). Also need processes for updating ES index after tasks. Break out into separate issues.

**#9 - 06/26/2012 12:00 AM - Courtney Mumma**

- Subject set to Management of persistent MCP metadata needed for statistical reports

**#10 - 12/17/2012 01:39 PM - Courtney Mumma**

- Assignee changed from Mike Cantelon to Justin Simpson

- Sponsored set to No

**#11 - 12/17/2012 01:58 PM - Justin Simpson**

- Estimated time set to 24.00

**#12 - 01/30/2013 03:01 PM - Courtney Mumma**

Team recently discussed using the METS MD to generate these reports from stored AIPs. Evelyn and Courtney to examine and ask community what kinds of reports they'd like from the dashboard.

**#13 - 01/30/2013 03:13 PM - Courtney Mumma**

- Assignee changed from Justin Simpson to Evelyn McLellan

**#14 - 01/30/2013 03:49 PM - Evelyn McLellan**

- Assignee changed from Evelyn McLellan to Courtney Mumma

Here is the list of data to be saved with the current location in METS identified where applicable:

For AIPs:

- AIP name - In METS structMap: <div TYPE="directory" LABEL="[AIPname]-[UUID]">
- AIP UUID - In METS structMap: <div TYPE="directory" LABEL="[AIPname]-[UUID]">
- AIP storage location - Not in METS file
- Date placed in storage - Not in METS file
- Date updated (when we have AIP versioning) - will be in METS header <metsHdr CREATEDATE="2013-05-09T15:00:00" LASTMODDATE="2014-02-09T21:00:00">
- AIP size - Not in METS file
- Related DIP - Not in METS file
- DIP storage location - Not in METS file
- DIP size - Not in METS file
- Date DIP uploaded - Not in METS file

For transfer backups:

- Transfer name <div TYPE="directory" LABEL="[Transfername]-[UUID]">
- Transfer UUID <div TYPE="directory" LABEL="[Transfername]-[UUID]">
- Transfer size - Not in METS file
- Transfer storage location - Not in METS file
- Date placed in storage - Not in METS file

**#15 - 01/31/2013 10:21 AM - Evelyn McLellan**

Other fields to include:

- Logged-in user (should be captured as PREMIS agent)
- UUID of the Archivematica instance (should be captured as PREMIS agent)
- Possibly also environment data: what machines did Archivematica live on, what versions of all the tools were installed (already in PREMIS events), what version of Archivematica was used (already in software agent).

**#16 - 02/01/2013 02:39 PM - Courtney Mumma**

A request for metrics has been sent out to the Archivematica and digital curation discussion groups.

A wiki page has been added for this feature / set of features: [https://www.archivematica.org/wiki/Metrics\\_requirements](https://www.archivematica.org/wiki/Metrics_requirements)

**#17 - 02/15/2013 02:00 PM - Courtney Mumma**

- Assignee changed from Courtney Mumma to Mike Cantelon
- Target version changed from Release 0.10-beta to Release 1.0.0

**#18 - 02/18/2013 01:47 PM - Evelyn McLellan**

- Category set to Data management

**#19 - 07/05/2013 12:53 PM - Courtney Mumma**

- Target version changed from Release 1.0.0 to Release 1.1.0
- Sponsored changed from No to Yes

**#20 - 03/18/2014 12:58 PM - Justin Simpson**

- Target version deleted (Release 1.1.0)

This functionality is at least partially provided by the Storage Service, and pointer files. I am removing from the 1.1 release queue.

**#21 - 09/15/2016 09:37 PM - Justin Simpson**

- Priority changed from High to Low