
Introduction to Archivematica

Sarah Romkey, MAS/MLIS
Archivematica Program Manager, Artefactual Systems
AMIA 2016 DigiPres 101

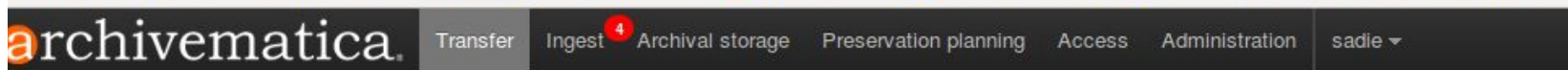
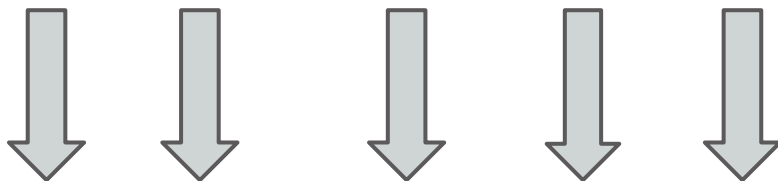
Archivematica is

- A digital preservation system which makes AIPs
 - Web-based
 - Free and open source
 - Media type/file format agnostic
 - A bundle of many open-source tools
-

Archivematica is not

- OAI in a box (nothing is)
- A repository system

OAIS in Archivematica



Standard /home

Type Transfer name Accession no.

Transfer	UUID	Transfer start time	
unzipped_bag_test	6ce8805e-d708-4355-8237-6c0c0786760b	2015-03-11 09:30	
▶ Micro-service: Create SIP from Transfer			
▶ Micro-service: Complete transfer			
▶ Micro-service: Examine contents			

Preservation strategy

- Archivematica creates an AIP (Archival Information Package) from the material ingested
 - Always (always!) saves the original files
 - Normalizes to preservation-friendly file formats when desired/possible
 - Combines automation with human intervention
-

Format Policy Registry (FPR)

- Set of rules and commands for various preservation tasks
 - Integrates many open source tools
 - New prototypes emerging to integrate with other systems (Islandora, Hydra)
 - Like a recipe book: Take format X, run tool Y, expect output Z.
-

Today's demonstration

URL:

<http://demoX.amia.archivemata.org>

Replace X with a number between 1 and 20

Login: amia

Password: archivemata

After today's demonstration

<http://sandbox.archivematica.org>

Login: demo@example.com

Password: demodemo

What we did, with links

- Create a transfer:
 - <https://www.archivematica.org/en/docs/archivematica-1.5/user-manual/transfer/transfer/#create-transfer>
 - Arrange a SIP from backlog:
 - <https://www.archivematica.org/en/docs/archivematica-1.5/user-manual/ingest/ingest/#arrange-sip>
 - Updating Format policies:
 - <https://www.archivematica.org/en/docs/archivematica-1.5/user-manual/preservation/preservation-planning/#fpr-update>
-

What we did, with links

- Normalize

- <https://www.archivematica.org/en/docs/archivematica-1.5/user-manual/ingest/ingest/#normalize>

- Store AIP

- <https://www.archivematica.org/en/docs/archivematica-1.5/user-manual/ingest/ingest/#store-aip>

- Store DIP

- <https://www.archivematica.org/en/docs/archivematica-1.5/user-manual/access/access/#store-dip>
-