
Introduction to Archivematica

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

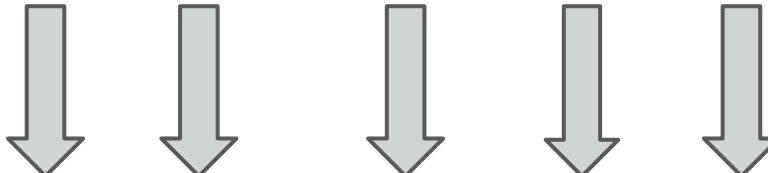
Archivematica is

- 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

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

OAIS in Archivematica



The diagram consists of five large, light-grey downward-pointing arrows, each positioned above a specific element in the Archivematica web interface. From left to right, the elements are: the 'Transfer' tab in the top navigation bar, the 'Ingest' tab (which has a red notification badge with the number '4'), the 'Archival storage' link, the 'Preservation planning' link, and the 'Access' link.

archivematica. Transfer Ingest ⁴ Archival storage Preservation planning Access Administration sadie ▾

Type Standard Transfer name Accession no. /home Browse Start transfer

Transfer	UUID	Transfer start time
<input checked="" type="checkbox"/> unzipped_bag_test ► Micro-service: Create SIP from Transfer ► Micro-service: Complete transfer ► Micro-service: Examining contents	6ce8805e-d708-4355-8237-6c0c0786760b	2015-03-11 09:30

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.archivematica.org>

Replace X with a number between 1 and 20

Login: amia

Password: archivematica

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>