Digital Curation using Archivematica and AtoM

DLF Forum 2015
With Sarah Romkey and Dan Gillean
Artefactual Systems
Today’s agenda:

- 1) Basics of AtoM - search, browse, entities. Creating and linking records in AtoM
- 2) Archivematica: OAIS basics, Admin configuration, transfer and ingest
- BREAK-
- 3) Archivematica DIP upload to AtoM
- 4) Other workflows and features in Archivematica
- 4) Other AtoM features - configuration, personalization, administration.
- 5) Sandbox time
- 6) Questions
A flexible open-source application for standards-based description and access
What is AtoM?

Web-based
Open source
Standards-based
Multilingual
Multi-repository

AtoM stands for Access to Memory.

It is a web-based, open source application for standards-based archival description and access in a multilingual, multi-repository environment.
Web-based: platform independent

Browser-based user interface.

- Anyone with access to a browser (e.g., Chrome, Internet Explorer, Firefox, Safari etc.) has access to all the features and functionality of the AtoM application.

Platform independent application.

- The application runs on a web server that can be installed and run on many platforms.
Open source: free as in freedom

- AtoM is built with open source tools (NGINX, MySQL, Symfony, Elasticsearch), rather than proprietary (i.e., closed-source).
- Underlying software code of AtoM is open source.
  - Free to use
  - Free to modify
  - Free to share
Open source: free as in freedom

Documentation is freely available.

Public User Forum for troubleshooting and community buildings is freely available.
Community-driven development

Artefactual maintains AtoM by offering additional paid services - hosting, theming, training, data migrations, and custom development

All custom developments are generalized and included in a future public release

When one institution sponsors a feature, the entire community benefits!

We ❤️ pull requests!

Because the code is open to inspection, any member of the community can fix problems, or develop new features and contribute code back. For any given problem, the community can troubleshoot it together.
Standards-based description: User-friendly content standard edit templates

Templates: ISAD(G), DACS, RAD, DC, MODS
ISAAR-CPF, ISDIAH, ISDF
Multi-lingual interfaces
Multi-repository support: per-institution theming
Archivematica integration
Let’s get started!

www.accesstomemory.org
@accesstomemory

DOCS: www.accesstomemory.org/docs/
DEMO SITE: demo.accesstomemory.org

www.artefactual.com
Let’s get started!

**VMs:** http://dlf-atom-[N].accesstomemory.org/
http://dlf-am-[N].archivematica.org/

**TEST MATERIALS:** https://goo.gl/gjo507

**AtoM login:** dlf@example.com
**AtoM pass:** freekittensATOM