

# ArchivesSpace Integrations – A Status Report and Look Ahead

Notes by Alex Duryee

Francesca Pitaro introduced the speakers and outlined the session (three brief presentations on systems integration projects)

## Dallas Pillen – BHL

- ArchivesSpace/Archivematica/DSpace integration
  - 2015 Mellon grant
  - Goal – metadata reuse
  - What's each system of record?
    - ArchivesSpace – administrative metadata, rights (but rights are created in Archivematica)
    - Archivematica – technical/preservation metadata, AIPs
    - DSpace – content, access enforcement
- Key Tasks
  - Archivematica – Appraisal + Arrangement
    - Transfers, find sensitive data, preview content, add description
    - ArchivesSpace pane in Archivematica
- Jan 2015 – Artefactual visit to BHL
  - Sample workflows, develop priorities
  - Development began 4/2015; no-cost extension through Oct 2016
  - Focus on DSpace integration
- Appraisal
  - Create ArchivesSpace accessions (same as all materials)
  - Put content through Archivematica transfer process (Transfer Backlog)
  - New step – Appraisal section
    - o Find transfers to process
    - o Associate ArchivesSpace accession record with Archivematica transfers
    - o Characterize content; browse directories; select partial transfers
      - § Analysis – reports on formats, sizes, counts, etc.
      - § Graphs, faceting on format, date metadata, etc.
      - § File preview; tag content (e.g. “Restricted”)
      - § Review Bulk Extractor results
- A & D
  - The ArchivesSpace pane
  - Find resources in ArchivesSpace from within Archivematica
    - o “Add New Child” – create components, still within Archivematica

- § Very basic – just minimal requirements – do rest in ArchivesSpace
  - “Add New Digital Object”
    - § Drag + Drop Archivematica files into ArchivesSpace digital objects
    - Finalize arrangement, wrap it up, create a SIP
      - § Creates the AIP and sends it to DSpace
- The work’s done in Archivematica but is reflected in ArchivesSpace upon Finalize Arrangement
  - Once AIP is in DSpace, Archivematica updates with the DSpace handle
  - AIPs currently contains logs + possibly restricted data
    - Separate AIP will only contain archival content
- Next steps
  - DSpace integration, minor tweaks
  - ArchivesSpace rights module needs to be more PREMIS-y
    - Needs to align with Archivematica
    - Until then, Archivematica rights will live in a METS file
    - “PREMIS Lite”
    - Want to add Acts to PREMIS rights in ArchivesSpace
    - Project blog – <http://archival-integration.blogspot.com>

## Dustin Stokes – Atlas Systems

- Aeon/ArchivesSpace integrations
- Dustin is an original developer of Aeon
- Atlas – ILLiad, Ares, Aeon, ArchivesSpace RSP
- All the things Aeon does
  - Stats, stats, stats!
  - Used by 60+ orgs
- Wants to integrate with other systems to make fulfillment easy
  - DAM integrations (Islandora) with Aeon
- Client-side integrations
  - ArchivesSpace embedded in Aeon client
  - Move ArchivesSpace data directly into Aeon
  - Reverse side – make Aeon requests from ArchivesSpace public interface
  - Would like more feedback as to how things should work
    - § Can only make Aeon requests at bottom of hierarchies
    - § Working with org’s unique descriptive standards
  - Aeon will handle the heavy lifting of requests
  - Working with PUI Team to ensure that Aeon is informed/can easily integrate
    - § Again, always would like feedback
- Aeon 3.9 release – better patron UI

- Contact Aeon support for plugins
  - o Plugins are bespoke for institutions
- Zephaira LD projects
  - o Publishing BIBFRAME, schema.org, etc.
  - o Want to get archival data into Library Link, open web, etc
  - o Mini-theater about Zeph/Atlas/Brandeis pilot program

## O'Sullivan/Springle – Preservica

- ArchivesSpace/Preservica Connector – developed with Yale
- Preservica – started in 2000 with The National Archives
- 56 educational orgs, lots of commercial/LAM/government members
- “Securing a sustainable infrastructure for long-term access to digital collections”
- Yale - 1PB of digital assets, much already described in ArchivesSpace
- Create Preservica links in ArchivesSpace via otherfindaid / notes
- Euan – created 12k ArchivesSpace records via one 12k-file SIP
- Live demo on Preservica ArchivesSpace sandbox
  - o Collections already created + described in ArchivesSpace
  - o Create a Digital Object in ArchivesSpace, representing Preservica objects
    - § Links to Preservica objects in the DO
    - § Provides direct clickable links to Preservica access + preservation objects
    - § Preservica hierarchy mirrors the ArchivesSpace hierarchy
    - § Preservica can migrate at-risk formats
      - Patrons only see access formats via public interface
    - § Descriptive metadata saved in Preservica (user-defined subsets)
      - Will sync ArchivesSpace/Preservica metadata
  - o Workflow needs to be kicked off, but can be scheduled
  - o Changes, new data, moved data, deleted data
- Next steps
  - o White papers, videos, more demos, more sessions

## Q + A

- How are collections that aren't 100% digital managed?
  - o Will Preservica pull in the full EAD?
    - § Submit bundles of digital files with references to ArchivesSpace records
    - § Only creates what you hand it, so doesn't need to take in full EAD