Implementing Digital Preservation at the University of Houston

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Presentation Outline

- History of digital preservation at UH
- Status of Archivematica implementation
- Workflows for accessioning and preserving born digital archives
- Providing access to digital objects
- Next steps

Digital Preservation at UH

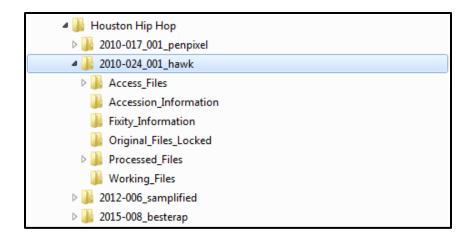
- Creation of Digital Preservation Task Force (DPTF)
- Conducting research
- Writing Digital Preservation Policy
- Testing and selecting Archivematica
- Restructuring the team

Archivematica Implementation

- Conducting inventories of digital assets to be preserved
 - Digitized vs. Born Digital
- Installation and configuration with Artefactual
- Set-up of Duracloud backups through TDL
- Developing AM workflows and doing test transfers
- Creation of Access & Preservation WG

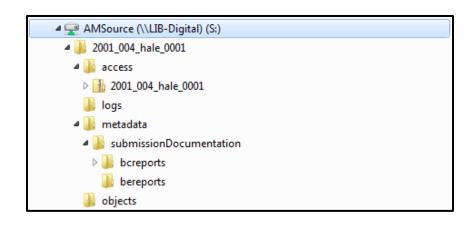
Previous Born Digital Workflow

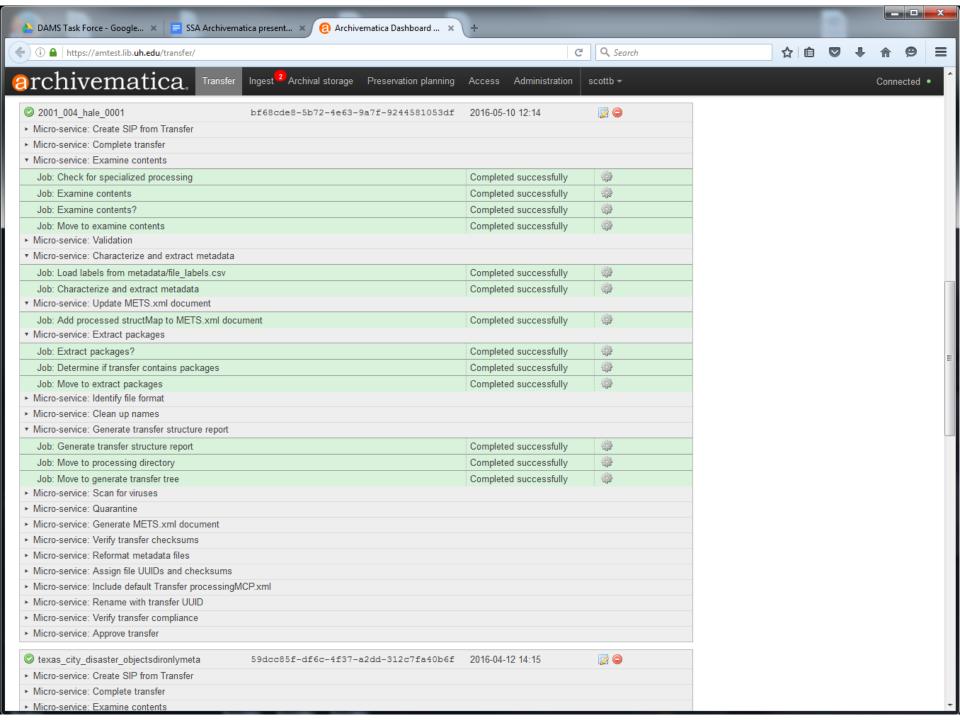
- Acquire digital media objects
- Create accession folder on shared drive
- Copy files from removable media
- Place files and metadata/logs into accession folder
- Record admin info on transfers in digital media accession log
- Periodically back up copies of original files to the dark drive

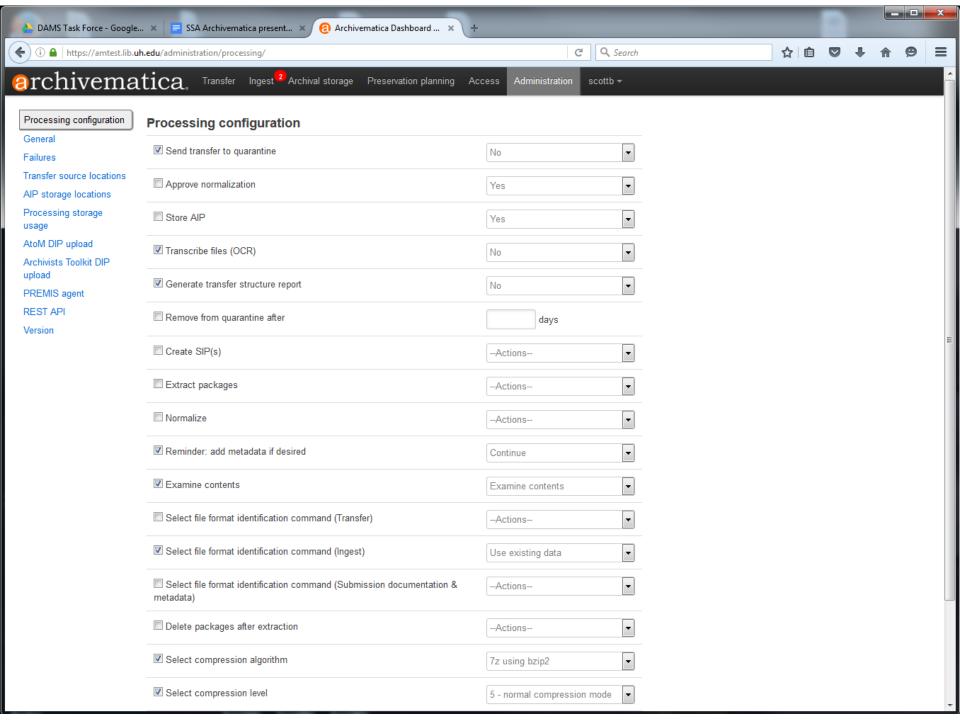


Archivematica/BitCurator Workflow

- Add collection/item info to digital media accessioning log
- Create disk image using FTK Imager
- Run bulk_extractor and fiwalk reports in BitCurator
- Create descriptive metadata
- Structure package
- Transfer and ingest through AM
- Create digital object in Aspack and add package ARK







Providing Access to Digital Objects

- Digitized collections are accessed through UHDL
- Born digital materials may be accessed on reading room computer
- Creation of access files and transfer of files to shared drive
- Access notes for digital files are added to finding aids

Next Steps

- Continue refining born digital workflows
- Scale up transfers with move to production instance
- Develop utilities to prep packages for transfer
- Assess and update digital preservation policy

Thank you!

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