New Ways of Providing Public Access To Your Digital Archive

April 26 2016
Practical Digital Preservation 2015/16

• Welcome!

PDP “Hot Topic” Webinars
(Tuesdays 2-3pm Eastern)
• Achieving ISO Standards for your digital archive Oct 28 2015
• Ingesting records from multiple sources and systems Dec 08 2015
• Automating email archiving and preservation Feb 23 2016
• New ways of providing public access to your archive Apr 26 2016
• Real-world digital preservation and program/resources round-up Jun 21 2016

PDP Online Workshops - with focus on records and email
(Tuesdays 2-4pm Eastern)
• Nov 10 2015: Part 1
• Nov 17 2015: Part 2

• Mar 08 2016: Part 1
• Mar 15 2016: Part 2

• May 10 2016: Part 1
• May 17 2016: Part 2

Agenda

- Introduction and welcome
- Online Public Access at Utah
- Online Public Access at Massachusetts
- Other examples and considerations
- Next Steps & Questions
What is “Access”? 

• Ensuring content is accessible and readable into the future

But also….

• Showcasing your archive or collection
• Fulfiling a legal mandate e.g. greater transparency
• Enhancing your brand/organisation reputation
• Building a sustainable future (pay-per-view or subscription)

• All of the above
Access for “Designated Communities” is also a core function of OAIS
Utah’s Access Points

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April 26, 2016
One System—Multiple Output

- AXAEM stores record descriptions, output as:
  - Finding aids
  - MARC catalog
  - Metadata for digital collections in CONTENTdm
  - Metadata for electronic records preserved in AXAEM
Finding Aids

• Generated two ways:
  • static (exported and posted)
  • dynamic (live link to database)

• AXAEM can keep track of versions

• Accessible online in XML or HTML

• Linked to Solr search engine

• Auto tracks and links related records
Catalog

- AXAEM’s MARC output has been uploaded to Symphony and WorldCat
- We are transitioning to use Solr instead
- Solr is directly connected to AXAEM, provides keyword searching, faceting, and other robust search capabilities
- Changes in AXAEM auto-update in Solr
Digital Collections

- Most digital collections are contained within CONTENTdm.
- Series and container metadata from AXAEM are reused in CONTENTdm.
- Name indexes, including birth and death records, are stored in AXAEM, and searchable through AXAEM and Solr.
- Public can search either source, and name index hits will link to CONTENTdm images if contained there, so the two are somewhat integrated.
Electronic Records

• Ingested into AXAEM’s preservation module. DIP auto-created/formatted based on preservation rules.

• Metadata is extracted from files during ingest.

• Inherits series and folder descriptive metadata.

• Files available to Solr search engine for access and download
  • Will be incorporated into catalog.

• Open Records Portal a source for agencies to transfer records to us.
AXAEM’s Technology

• Supports multiple types of databases, and instances
• Multiple instances of application can talk to each other (distributed)
• Onsite or cloud hosted
• Is a rapid application development tool, so adding fields is easy
• Open source, but vendor supported
  • Institutions can have as much or little control over tech and interface as desired
• Can be used as a backend to Drupal, etc.
• Connects to external tools and treats them as one integrated workflow
Providing Online Access

A Look at the Massachusetts Archives

Veronica Martzahl
Looking Back

- In August 2013
- Most Record Group and Series information managed through MARC records accessible through WorldCat and ArchiveGrid
Looking Back

- In August 2013
  - All accession and box level description managed in ACCESS database – no online component available
  - Series of 20+ binders at Reference Desk
Looking Back

- In August 2013
- Textual synopsis of holdings on Archives website
- A few online indices
Looking Back

- In August 2013
- FamilySearch – only direct access to digital objects
Basic Needs

- Provide access to Record Group and Series information in a more user-friendly, integrated way.

- Provide access to born-digital records – particularly those of the out-going gubernatorial administration.
Approaching Access

- Utilization of Archival Collection Management System to create finding aids – in progress

- Partnership with regional collaborative – Digital Commonwealth – to provide access to selected, digitized materials
Approaching Access

• But it did not meet our need for providing access to, let alone providing a secure trustworthy repository environment for born-digital records
TDR: Limited Options

- FEDORA / Hydra
- Dspace
- ArchivesDirect
- Preservica

Requirements around support and technical infrastructure made Preservica the right choice for us – for preservation AND for access.
Universal Access

- Customization to match look and feel of Secretary’s websites – minimal tech skills needed
Universal Access

- Inclusion of customized metadata to highlight regroup and series information – needed tech support for this
Universal Access – Next Steps

- Enhancements to metadata
  - MODS?
  - Dublin Core?

- Title customization

- Different tiers of access

- Utilize code customization from Texas
Thank you

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Simplifying & Improving Access

https://en.wikipedia.org/wiki/Content_Management_Interoperability_Services
UA – Vanilla Installation

Search Our Collection

FEATURED

Durdle Door

Durdle Door, Dorset. On the Jurassic Coast, Durdle Door is the name of the limestone arch between St Oswald’s Bay and Man O’War Cove

Object Type: File

erase

erase

erase

Other items of interest
New Ways of Providing Access: Considerations

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
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<tbody>
<tr>
<td>OAIS Digital Preservation and Access in one system</td>
<td></td>
</tr>
<tr>
<td>Simple and secure</td>
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<tr>
<td>Easy to customise</td>
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<tr>
<td>Easy to find and search</td>
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<tr>
<td>Server-side rendering for multi-device support and minimise downloads</td>
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<tr>
<td>Easy to share</td>
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<td>Tools to Track and monitor</td>
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Next Steps…

➢ Next LIVE Demo of Preservica v5.6 – April 28, 2016
  - Register at www.preservica.com

➢ PDP Online Workshops
  • May 10 : Module 1
  • May 17 : Module 2

➢ Preservica Universal Access
  http://preservica.com/public-access-discovery/

➢ Safeguarding your vital long-term electronic records
  http://preservica.com/resource/electronic-records-preservation/

➢ Achieving a Step Change in Digital Preservation Capability
Questions ?
Thank you!

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