New Ways of Providing Public Access To Your Digital Archive

April 26 2016

CoSA
Council of State Archivists

Preservica
Digital Preservation

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**

Sarah Grimm
Electronic Records Archivist
Wisconsin Historical Society

http://rc.statearchivists.org/Content/Electronic-Records/Education-Training/CoSA-Preservica-Practical-Digital-Preservation.aspx

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Agenda

- Introduction and welcome

- Online Public Access at Utah

- Online Public Access at Massachusetts

- Other examples and considerations

- Next Steps & Questions

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Elizabeth Perkes
Utah State Archives

**Veronica Martzahl**
Massachusetts Archives

What is "Access"?

- Ensuring content is accessible and readable into the future

But also….

- Showcasing your archive or collection
- Fulfilling 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
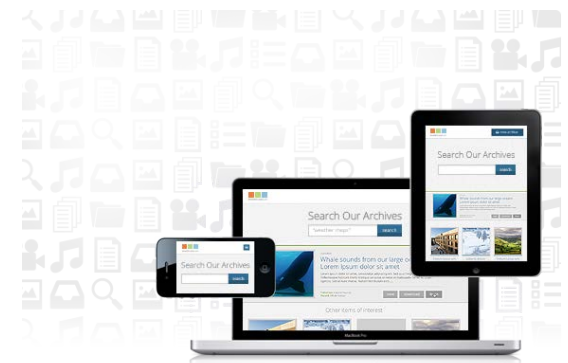
Access for "Designated Communities" is also a core function of OAIS
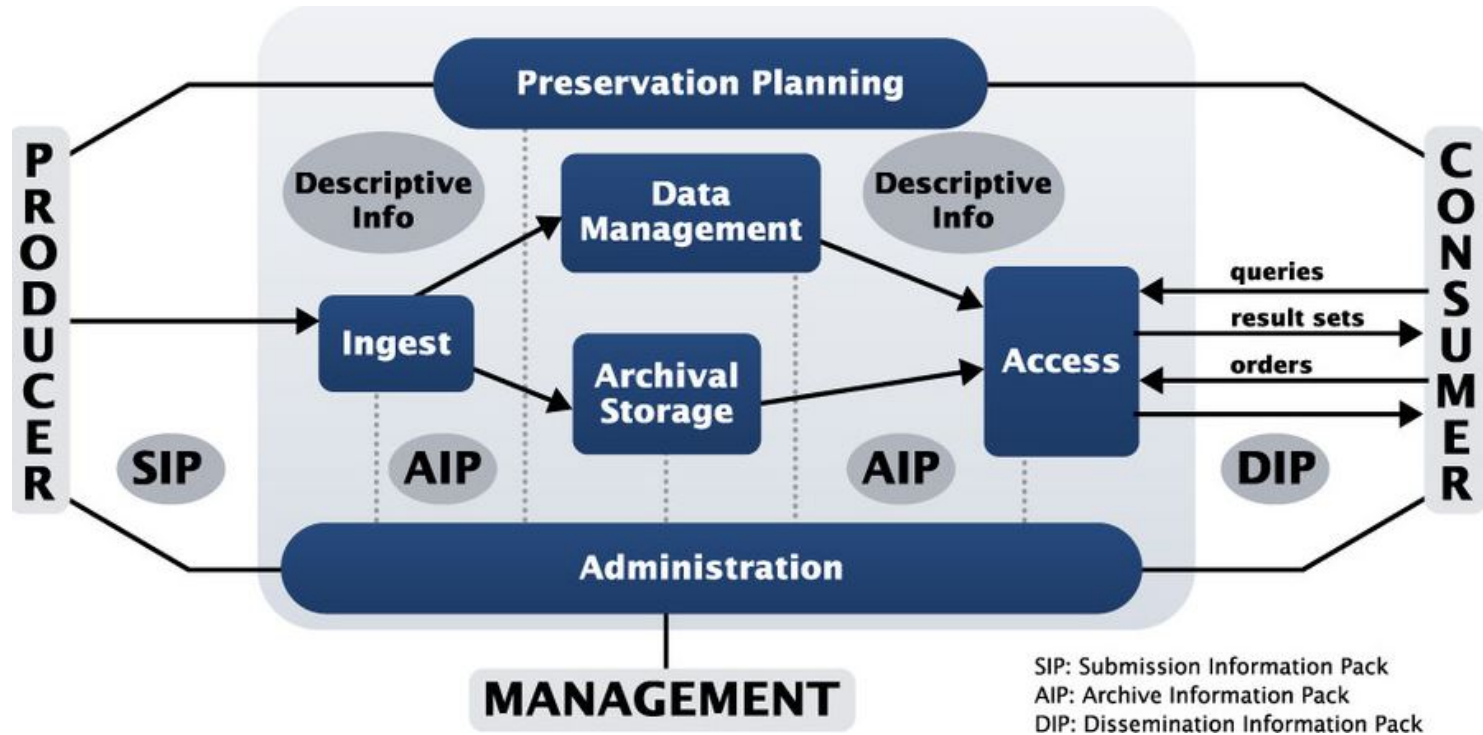
Utah's Access Points

Elizabeth Perkes

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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
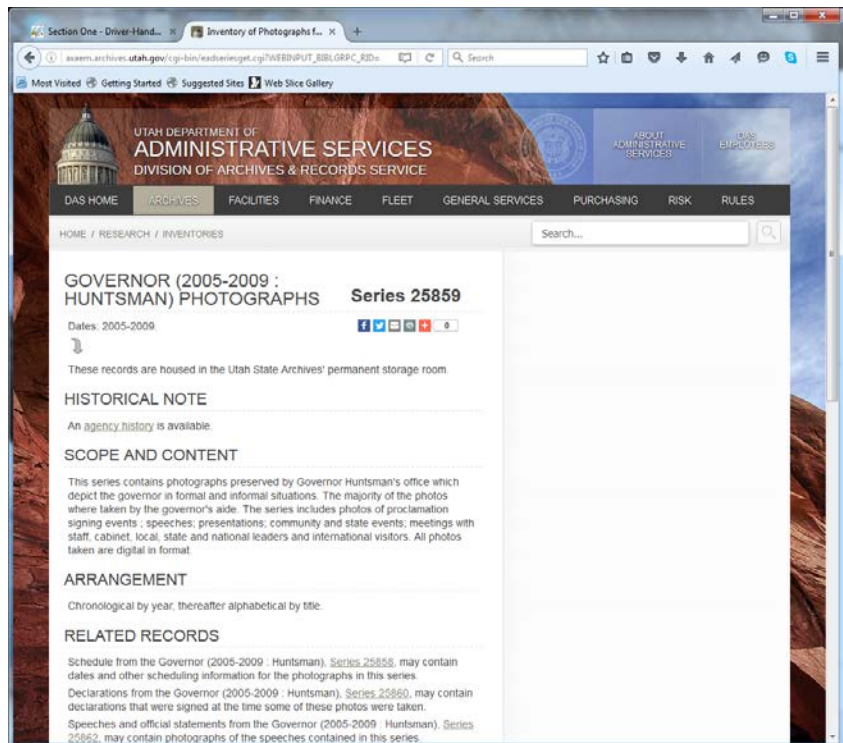
Catalog

- 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
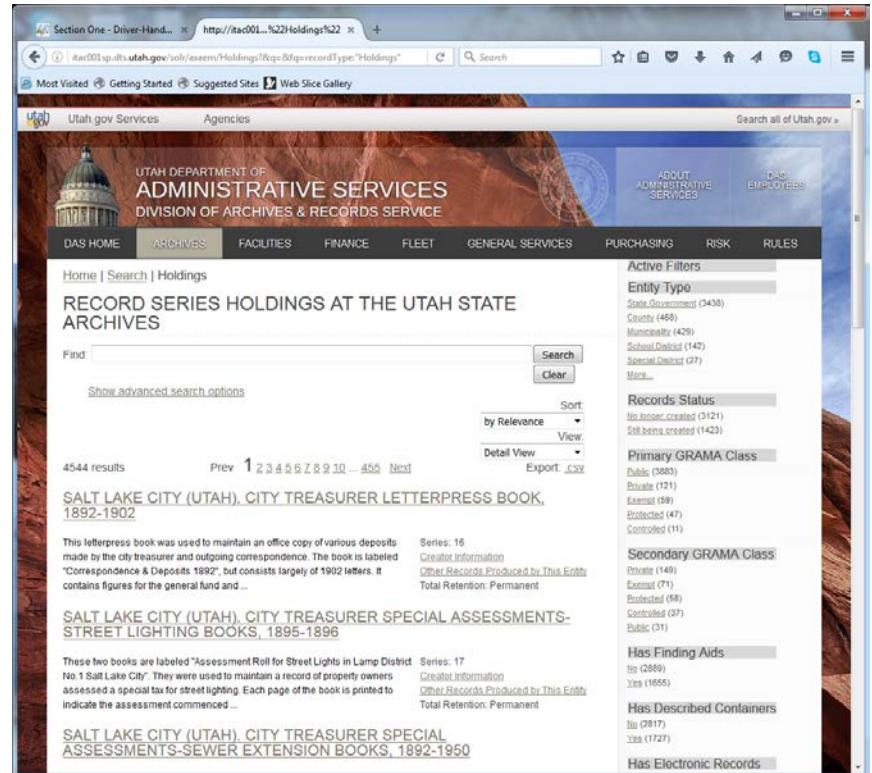
Digital Collections

- 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.
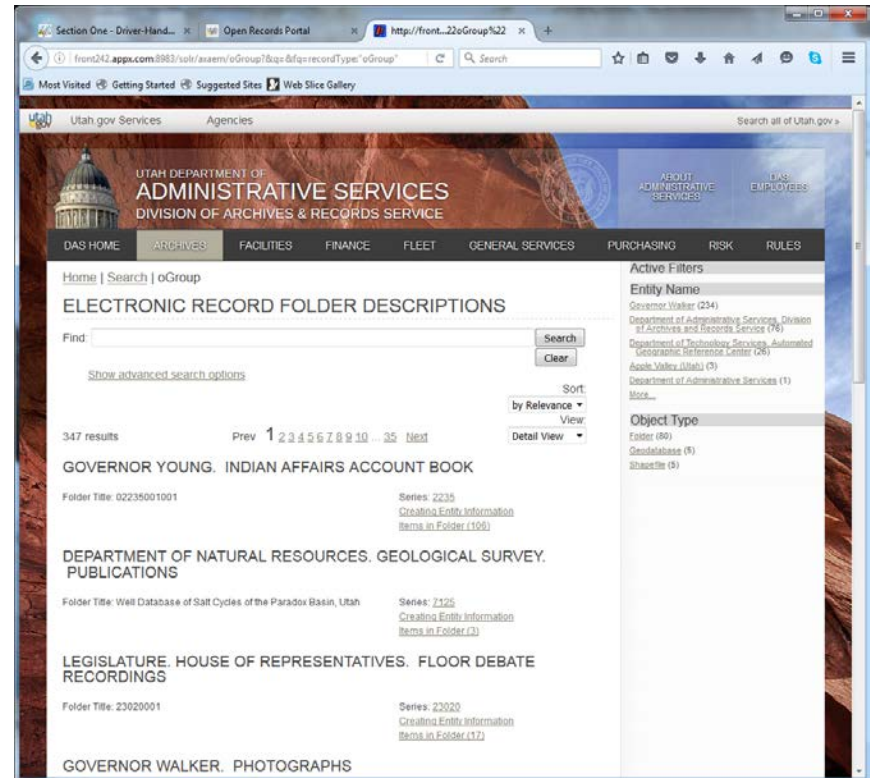
AXAEM's Technology

- 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
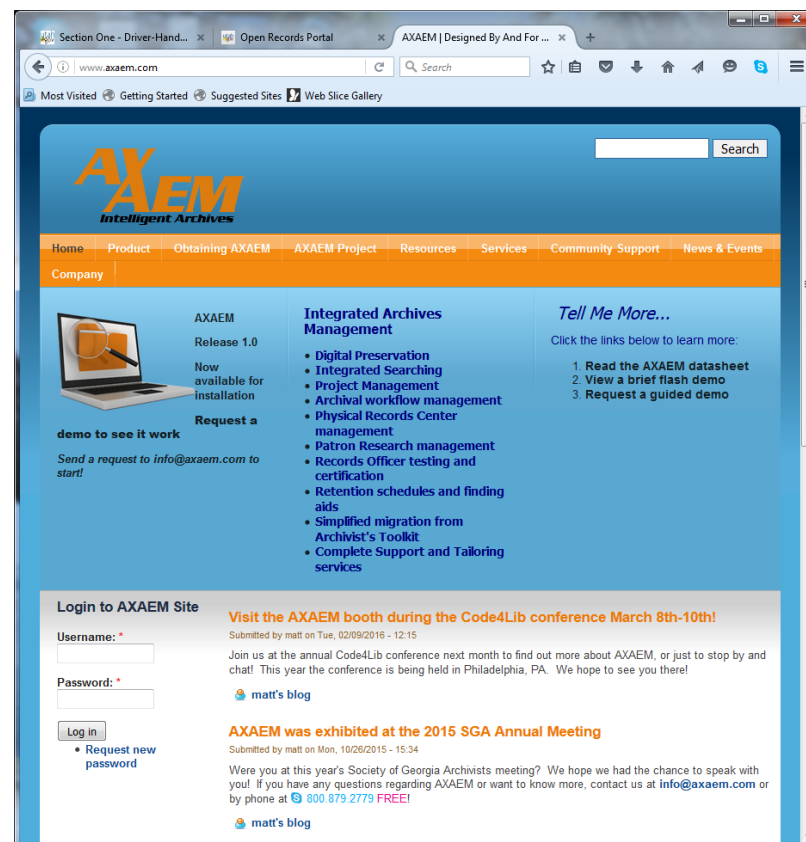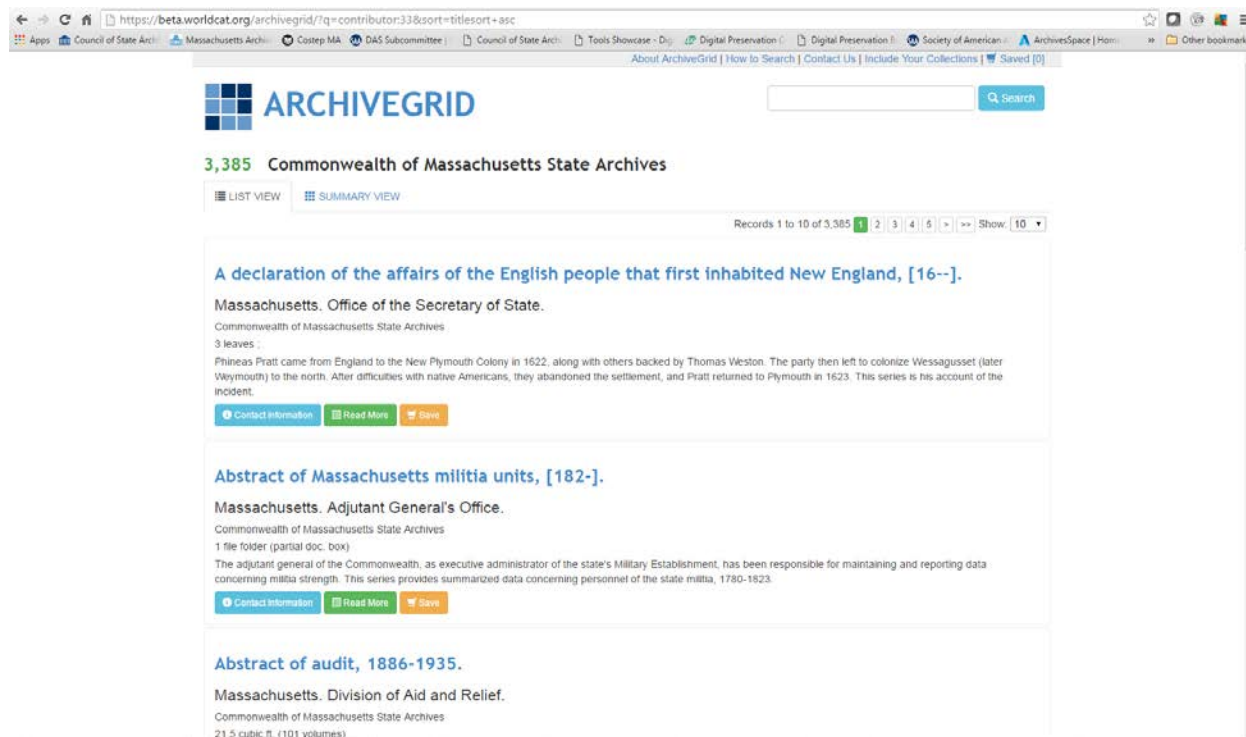
Providing Online Access

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
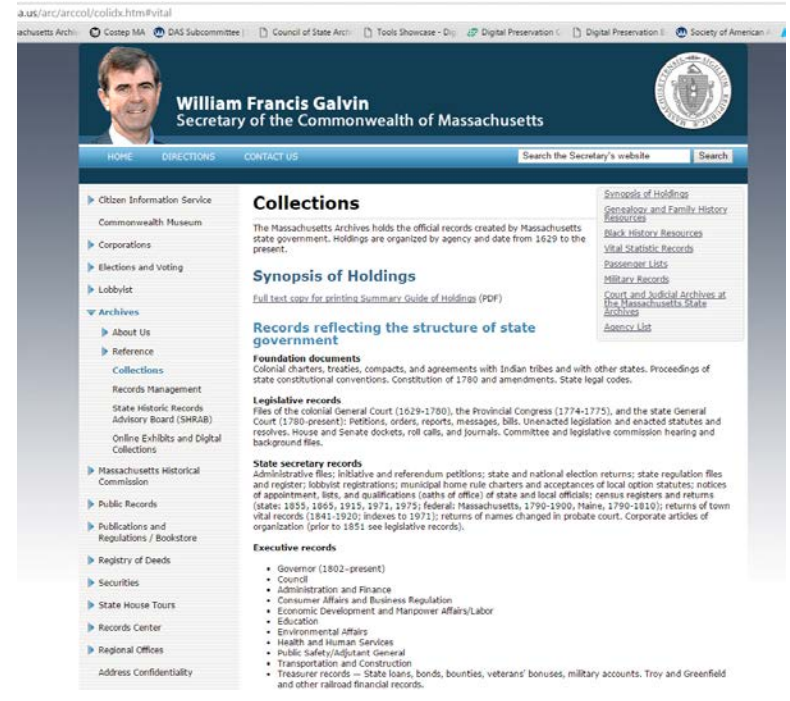
Looking Back

- 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
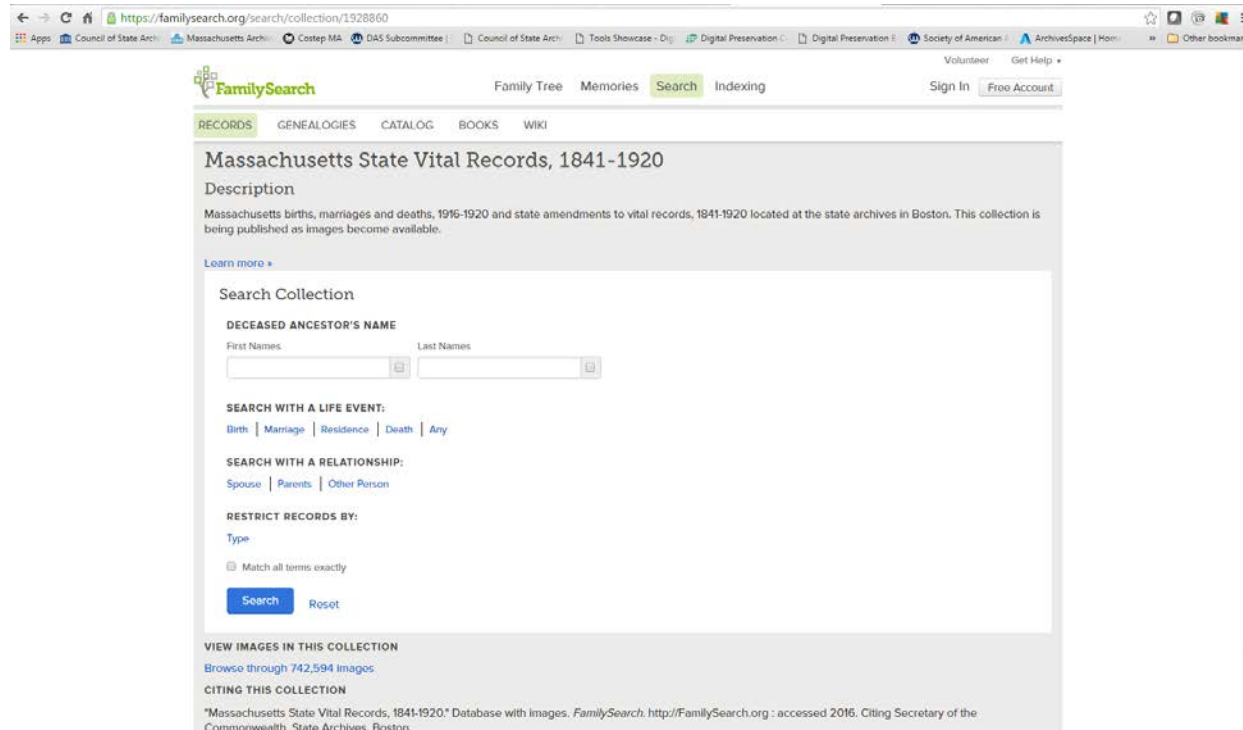 - Textual synopsis of holdings on Archives website
  - A few online indices

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
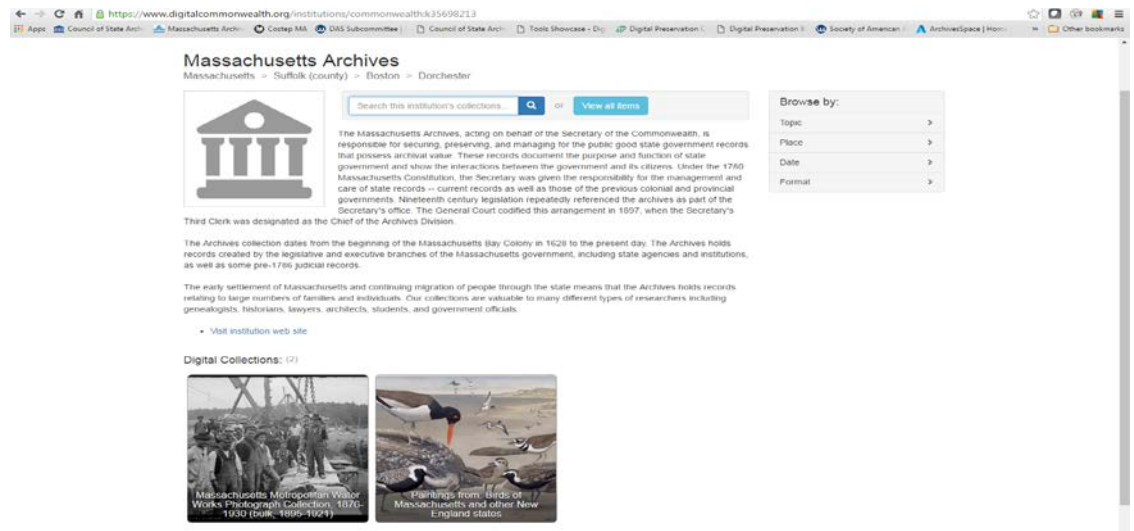
Approaching Access

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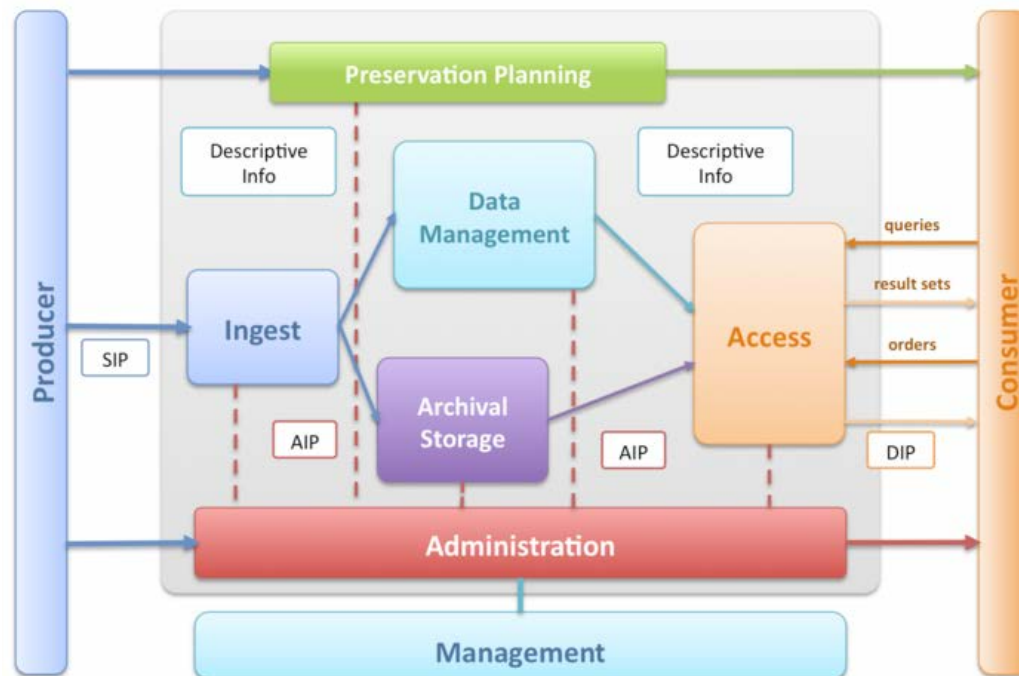
TDR: Limited Options

- 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
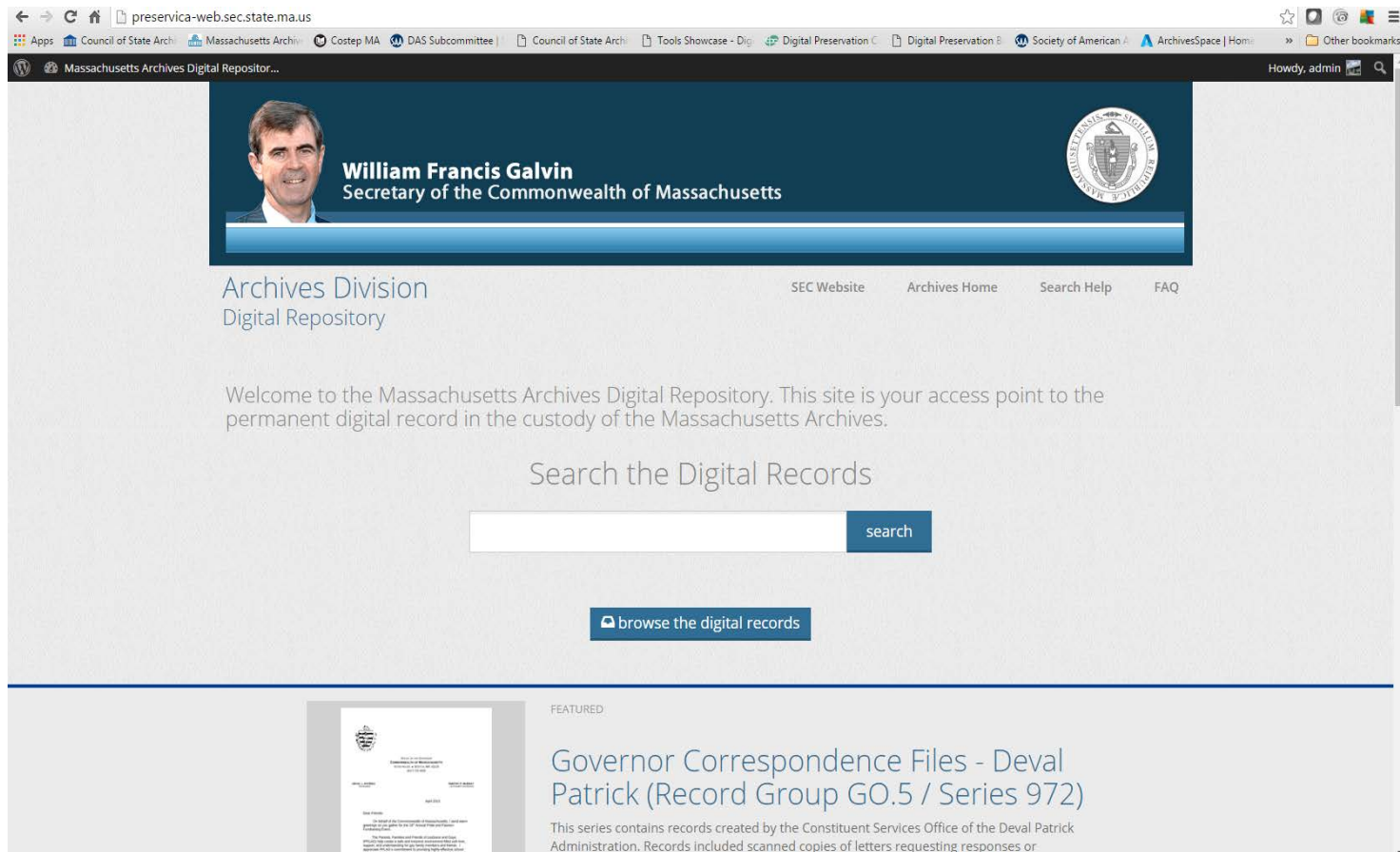
Universal Access

- 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

UA – UK Meteorological Office

https://digital.nmla.metoffice.gov.uk/

UA – Texas State Archives

https://www.tsl.texas.gov/texasdigitalarchive

New Ways of Providing Access: Considerations

|	
✓	OAIS Digital Preservation and Access in one system
✓	Simple and secure
✓	Easy to customise
✓	Easy to find and search
✓	Server-side rendering for multi-device support and minimise downloads
✓	Easy to share
✓	Tools to Track and monitor

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
 http://preservica.com/resource/essential-guide-achieving-step-change-digital-preservation-capability/
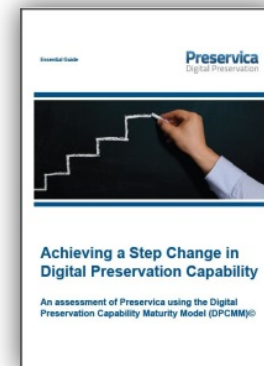
Questions ?

Thank you!

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