

CoSA & Preservica Practical Digital Preservation 2016



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



Sarah Grimm
Electronic Records Archivist
Wisconsin Historical
Society

- **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**

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

Agenda

- Introduction and welcome
- Online Public Access at Utah
- Online Public Access at Massachusetts
- Other examples and considerations
- Next Steps & Questions



Michael Hope
Preservica

Elizabeth Perkes
Utah State Archives



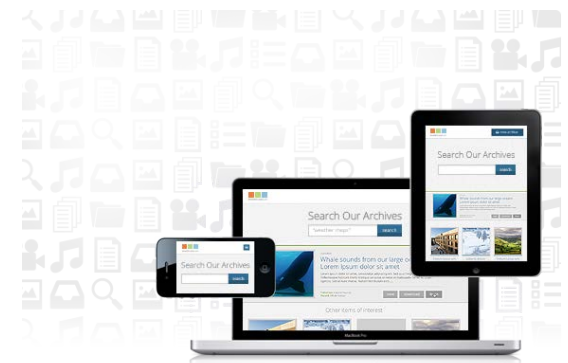
Veronica Martzahl
Massachusetts Archives

What is “Access”?

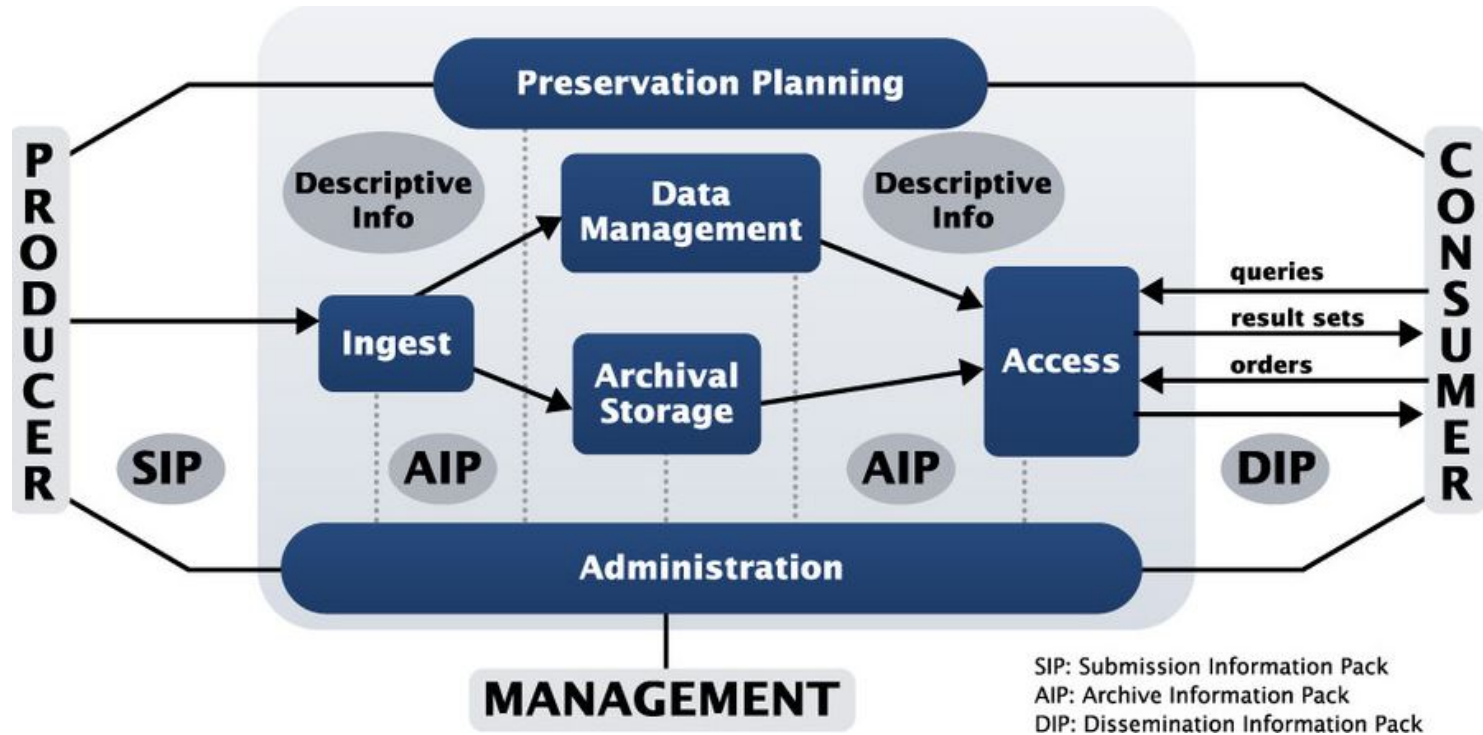
- Ensuring content is accessible and readable into the future

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

eperkes@utah.gov

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

APPX - front242.appx.com:8061:26555

File Special Additional Info Options Help

ChgLog Enter End Cancel Back New Edit View Delete Add Del Go To Chg Key Set Attr Menu Next Rec Redisplay New Sess End Sess Catalog Print Print Save

Bibliographic Records: Identity Elements

Identity Content Access & Use Acquisition & Appraisal Related Materials Notes

Identification

Level: *series
Level ID: 9802 Repository: *12 Utah Archives Top Level? Yes
Local ID:
Class Code:
Status Active

Title

Title: *Case files
Concise Title: *Case files

Primary Creator

Creator ID: *275 District Court (Third District)
View

Period

Date Expression: 1851-1896.
Date Range: CCYY - MM - DD thru CCYY - MM - DD closed Bulk Dt Range: CCYY thru CCYY

Extent

Estimated Extent:
Actual Extent: 216.00 Cubic Feet 531.00 Microfilm Reels

View Parent View Children Change Parent Related Entities
Add a Sibling Add a Child Extent Info Related Functions

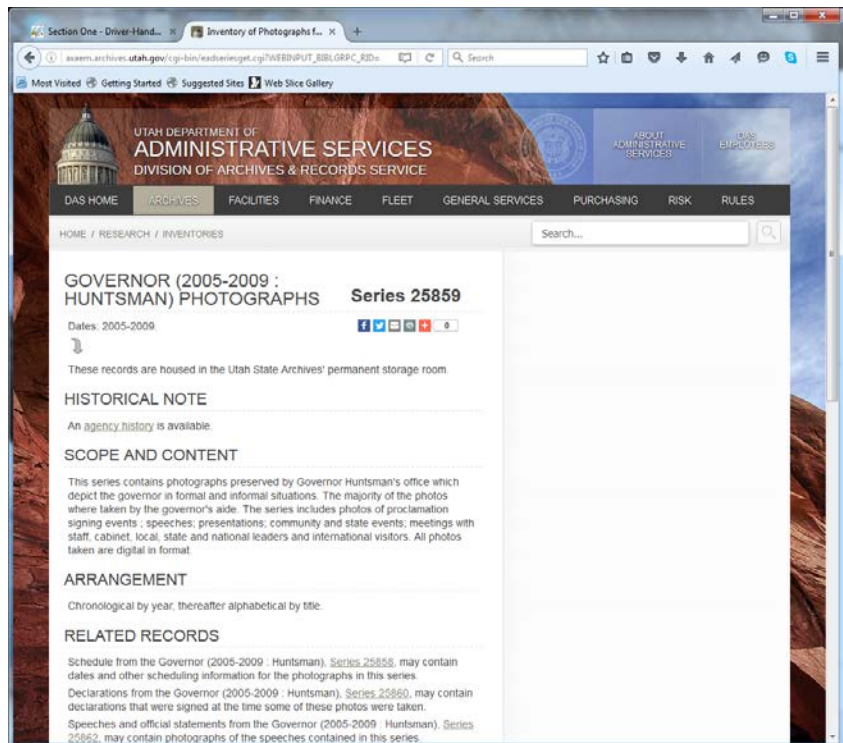
Test Record? ☐

OK Cancel

ARCHIVAL CUSTODY (Microfilm) EP DEV BIB 01 Inq

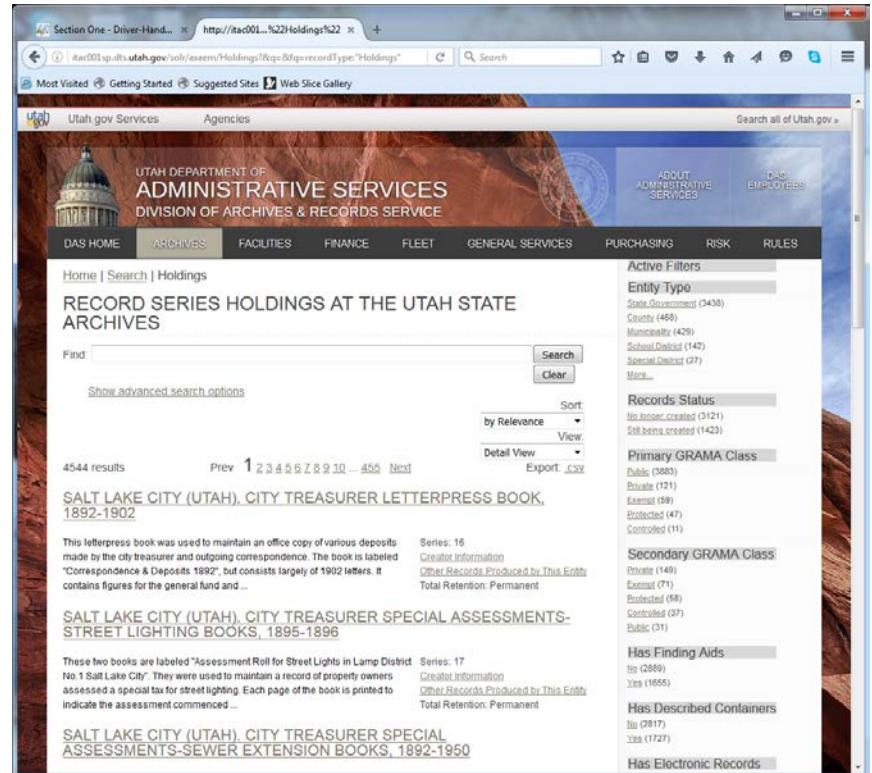
Finding Aids

- 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.

The image displays two overlapping screenshots of the Utah State Digital Archives website. The left screenshot shows the 'NAME INDEXES' page, which includes a search bar for 'surname, firstname middlename', a link to 'Advanced Death Certificate', and a list of indexes such as 'ARCHIVES AND RECORDS SERVICE' and 'BOARD OF PARDONS AND PAROLE'. The right screenshot shows the 'UTAH STATE DIGITAL ARCHIVES' homepage, which features a navigation menu, a search bar, and a list of collections including 'BOARD OF PARDONS', 'CEDAR CITY', 'CAPITOL COMMISSION', and 'COMMISSION ON THE ORGANIZATION OF THE EXECUTIVE BRANCH'.

UTAH STATE DIGITAL ARCHIVES

By providing online access, the Archives participates in what the [National Archives](#) calls "Archives without walls." Online resources provide access worldwide, giving patrons the ability to research any time, anywhere.

Part of the [Utah Territory Project](#)

Part of [The State of Utah vs. Joe Hill](#)

Keyword search...

[Browse All](#)

BOARD OF PARDONS
Prisoners' pardon application case files, 1892-1949. [Series 328](#)

CEDAR CITY
City and Cemetery Map, 1902. [Series 28279](#)

CAPITOL COMMISSION
Utah State Capitol Building. [Various Series](#)

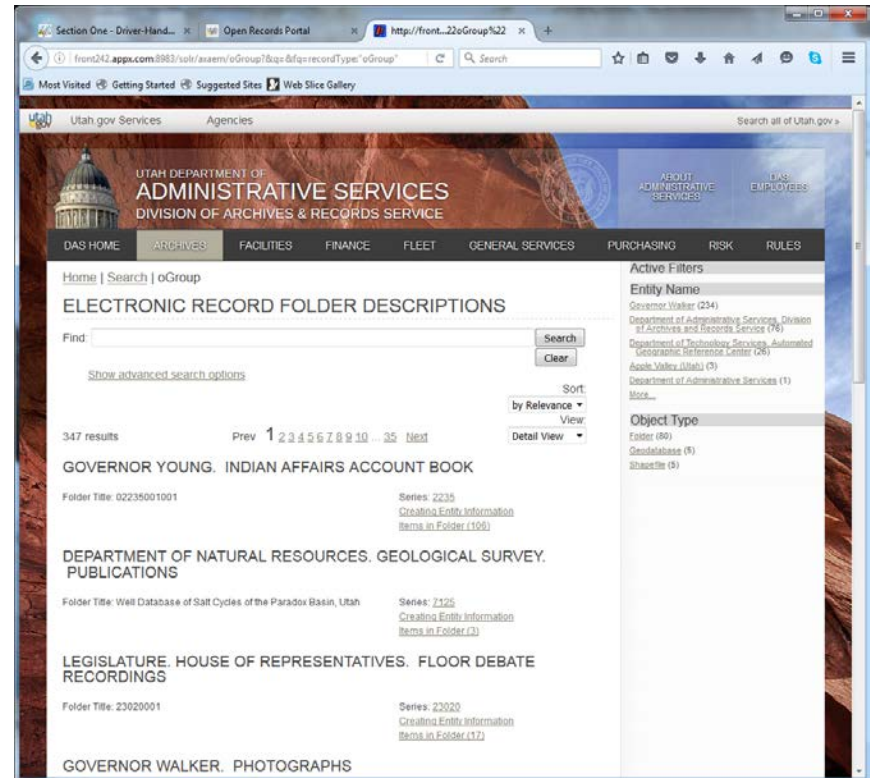
COMMISSION ON THE ORGANIZATION OF THE EXECUTIVE BRANCH
State Agency Reorganization Records, 1965-1967. [Series 3179](#)

COMMISSIONER OF INDIAN WAR RECORDS
Indian War Service Affidavits, 1909-1919. [Series 2217](#)

CONVENTION TO RATIFY THE 21ST AMENDMENT (1933)
Administrative Records. [Series 6300](#)

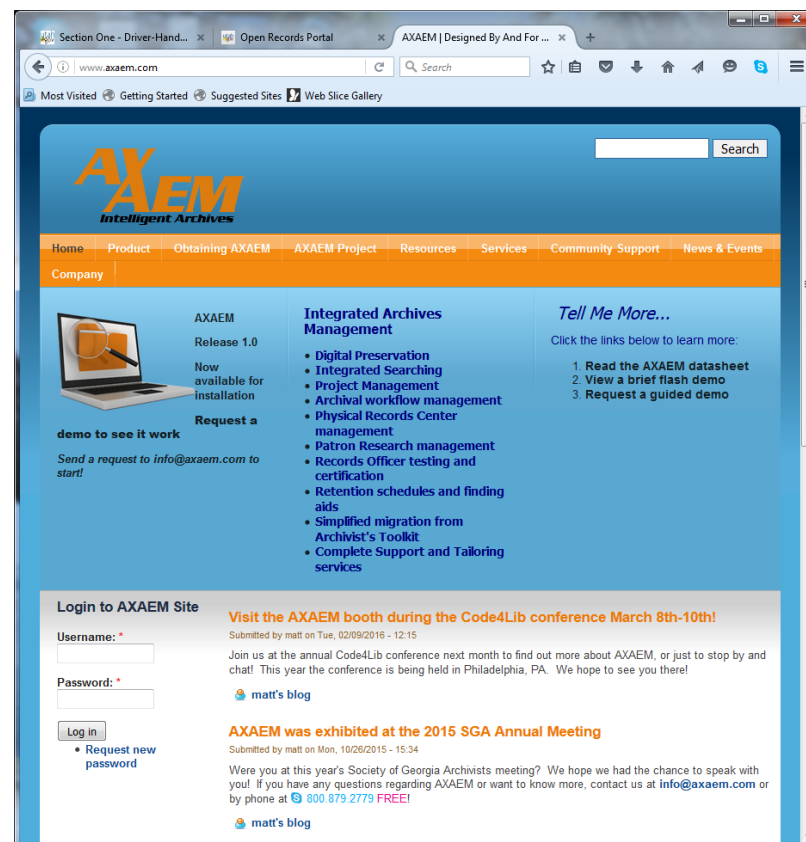
Electronic Records

- 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



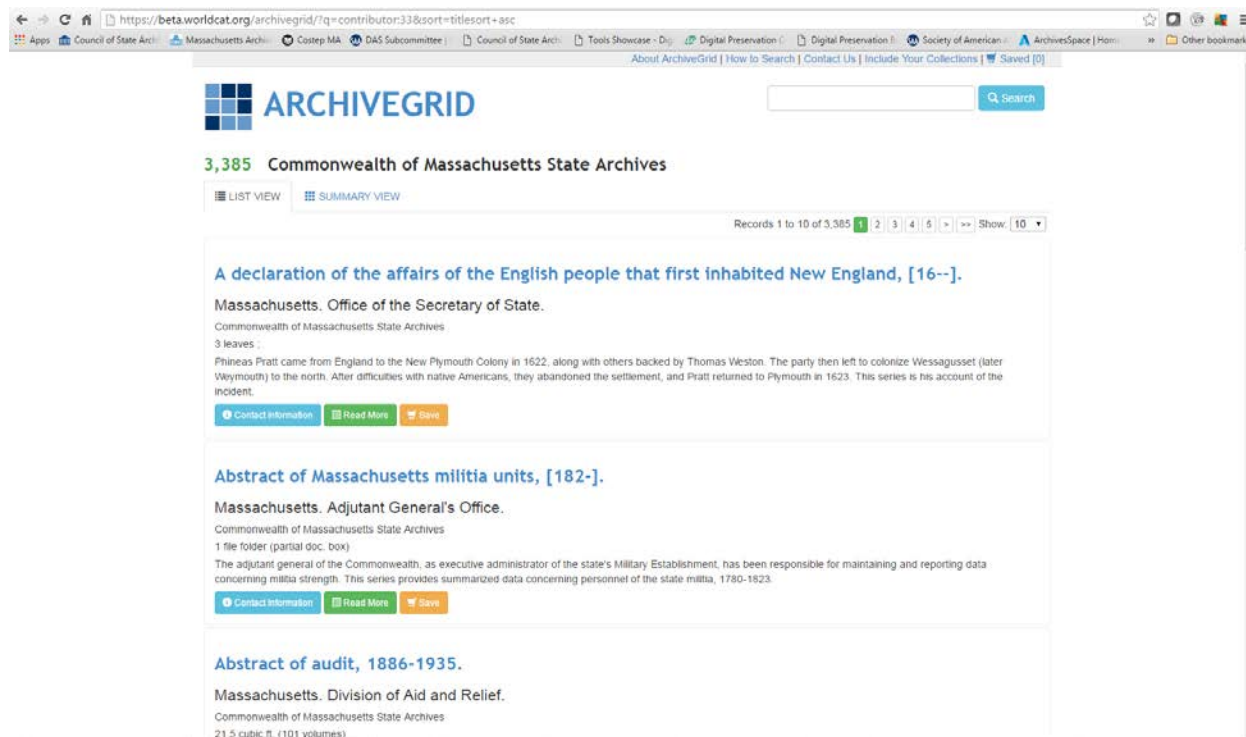
Providing Online Access

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



The screenshot shows a web browser window with the URL <https://beta.worldcat.org/archivegrid/?q=contributor:33&sort=titlesort+asc>. The page displays the ArchiveGrid logo and a search bar. Below the logo, it shows "3,385 Commonwealth of Massachusetts State Archives" records. The results are listed in a table with columns for "LIST VIEW" and "SUMMARY VIEW". The first three results are visible:

- A declaration of the affairs of the English people that first inhabited New England, [16--].**
Massachusetts. Office of the Secretary of State.
Commonwealth of Massachusetts State Archives.
3 leaves.
Phineas Pratt came from England to the New Plymouth Colony in 1622, along with others backed by Thomas Weston. The party then left to colonize Wessagusset (later Weymouth) to the north. After difficulties with native Americans, they abandoned the settlement, and Pratt returned to Plymouth in 1623. This series is his account of the incident.
Buttons: [Contact Information](#), [Read More](#), [Save](#)
- Abstract of Massachusetts militia units, [182-].**
Massachusetts. Adjutant General's Office.
Commonwealth of Massachusetts State Archives.
1 file folder (partial doc. box)
The adjutant general of the Commonwealth, as executive administrator of the state's Military Establishment, has been responsible for maintaining and reporting data concerning militia strength. This series provides summarized data concerning personnel of the state militia, 1780-1823.
Buttons: [Contact Information](#), [Read More](#), [Save](#)
- Abstract of audit, 1886-1935.**
Massachusetts. Division of Aid and Relief.
Commonwealth of Massachusetts State Archives.
21.5 cubic ft. (101 volumes)

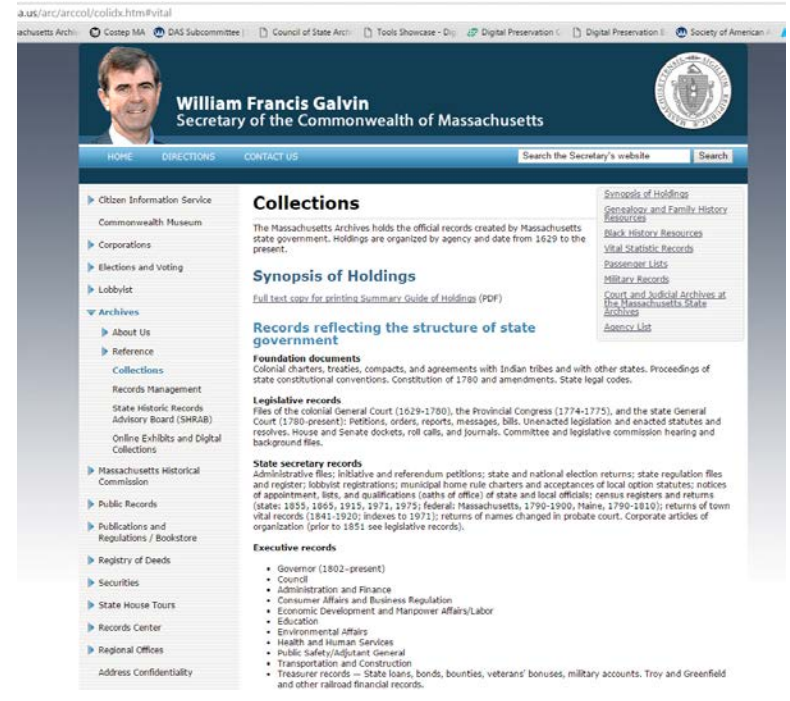
Looking Back

- 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

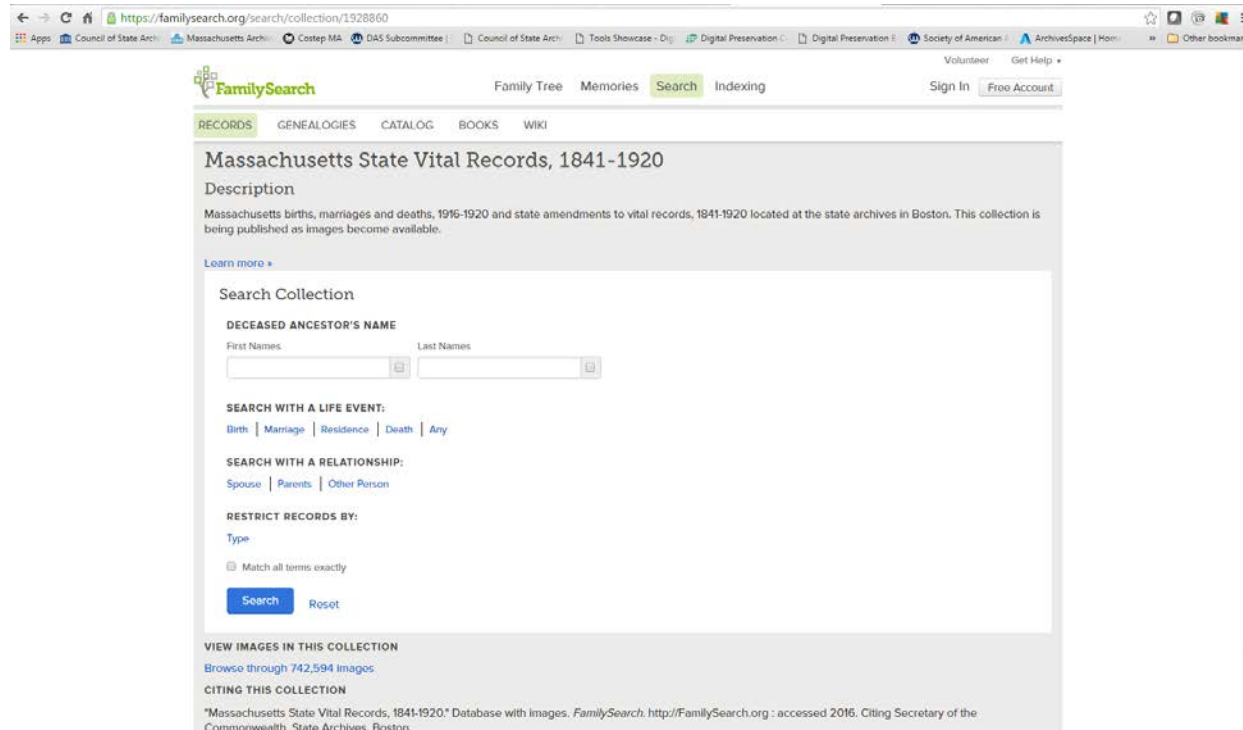


arc/arcsrch/SearchWelcome.html



Looking Back

- In August 2013
 - FamilySearch — only direct access to digital objects

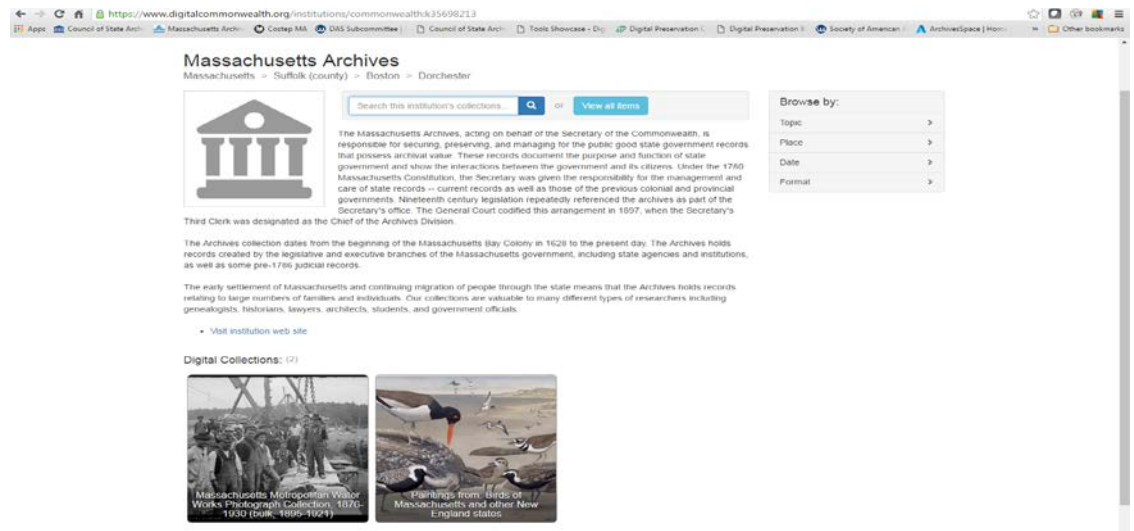


Basic Needs

- 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

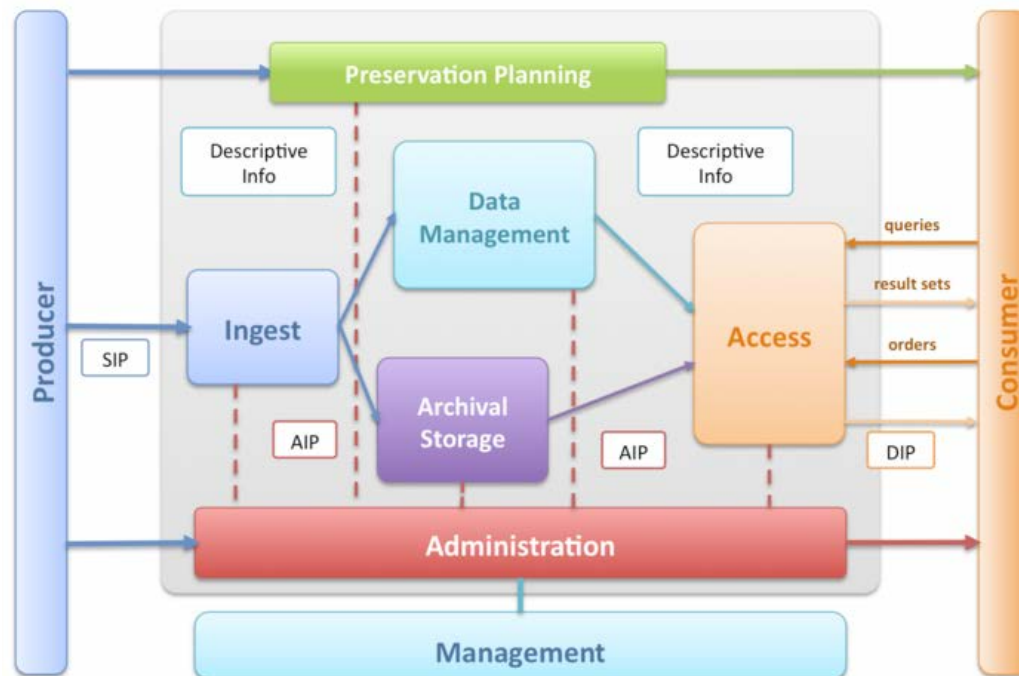
Approaching Access

- 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

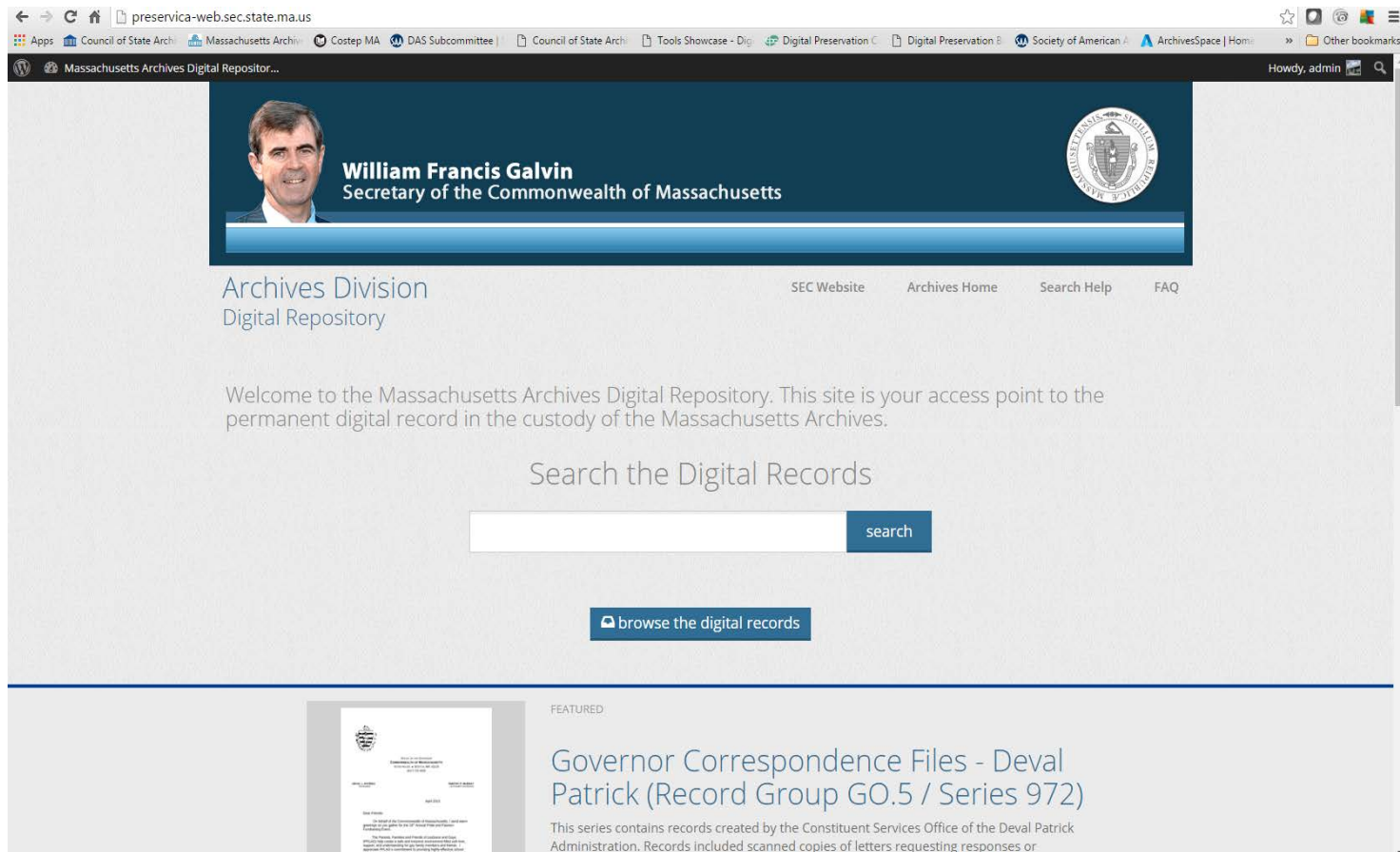


TDR: Limited Options

- 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

Archives Division
Digital Repository

SEC Website Archives Home Search Help FAQ

Home > 2012 Event Photographs > 2012_08_03 Summer Literacy Tour 2.jpg

Search the Digital Records

2012_08_03 Summer Literacy Tour 2.jpg

Object Type: Image
In Record: 2012 Event Photographs

download

RECORD
2012 Event Photographs

2012_08_03 Summer Literacy Tour 2.jpg


Records

Files

2012_08_03 Summer Literacy Tour 2.jpg

Properties

Proficio Metadata
record Group: ED6
series: 2637
file Unit: 0001
item: 00002



A photograph showing a man with glasses and a suit sitting on a small stool, reading a book to a group of young children sitting on the floor in a circle. The classroom background features colorful educational posters, including one titled 'Our Classroom Rules' with a list of rules like '1. Listening Ears', '2. Walking Feet', '3. Inside voice', and '4. Hands to ourselves'. There is also a 'Policy' poster and a large alphabet banner on the wall.

Universal Access – Next Steps

- Enhancements to metadata
 - MODS?
 - Dublin Core?
- Title customization
- Different tiers of access
- Utilize code customization from Texas

Thank you

Veronica Martzahl

Electronic Records Archivist

Massachusetts Archives

Veronica.martzahl@sec.state.ma.us

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

[details](#)

Other items of interest



UA – UK Meteorological Office

The screenshot shows the homepage of the Met Office Digital Library and Archive. At the top left is the Met Office logo, followed by the text "Met Office Digital Library and Archive". On the top right is a yellow button labeled "browse archive". Below the header is a dark blue navigation bar with "Home > Root" on the left and a search bar on the right. The main content area features five green tiles, each with an image, a title, and a "details" link. The tiles are: "Corporate publications" (image of two hands shaking), "Meteorological publications" (image of a thermometer), "Observations" (image of a weather vane), "Met Office science" (image of a map of Europe), and "Archive treasures" (image of a bookshelf). At the bottom of the page is a footer with navigation links: "Met Office | National Meteorological Library and Archive | About our digital archive | Online catalogue | Current publications", the text "Provided by the National Meteorological Library and Archive - open to everyone", and the "Powered by Preservica" logo.

Met Office Digital Library and Archive

Home > Root

[Corporate publications](#)
[details](#)

[Meteorological publications](#)
[details](#)

[Observations](#)
[details](#)

[Met Office science](#)
[details](#)

[Archive treasures](#)
[details](#)

Met Office | National Meteorological Library and Archive | About our digital archive | Online catalogue | Current publications
Provided by the National Meteorological Library and Archive - open to everyone

Powered by Preservica

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

UA – Texas State Archives



TEXAS STATE LIBRARY
AND
ARCHIVES COMMISSION

TEXAS DIGITAL ARCHIVE

browse archive    

[Home](#) > [Root](#)

Search Archive



Texas State Agencies

[description](#)



Texas Judicial Branch

[description](#)



Prints and Photographs

[description](#)










Texas Governor Rick
Perry

[description](#)

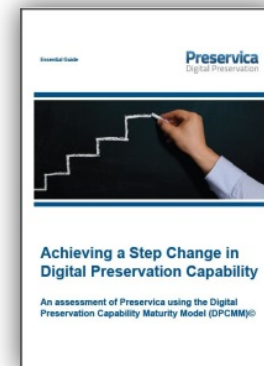
<https://www.tsl.texas.gov/texasdigitalarchive>

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!

www.preservica.com

info@preservica.com

@preservica

@dPreservation

www.statearchivists.org/