AGENDA

• Dalhousie Archives Catalogue and Online Collections

• Finding aid migration project

• “Mapping” of finding aids in ArcServer

• Challenges, next steps, etc.
ARCHIVES CATALOGUE STATS
(as of November 16, 2015)

• 167,494 archival descriptions
• 3,256 authority records
• 686 subject headings
• 491 geographic headings

c. 250,000 descriptions by January 2016
ARCHIVES CATALOGUE STATS

Sesssions: 16,013
Users: 7,921
Pageviews: 179,100
Pages / Session: 11.18
Avg. Session Duration: 00:06:04
Bounce Rate: 51.48%

Returning Visitor: 48.9%
New Visitor: 51.1%
1970-2000s

• Paper-based finding aids

2000s-December 2010

• MS Access >> HTML finding aids
• Import legacy EAD data into Archivists’ Toolkit

January 2011-December 2014

• Launch Archivists’ Toolkit
• Archivists’ Toolkit >> HTML finding aids
• **Create subject headings and authority records**
• Finding aids migration project (import into ATOM)

January 2015-

• Launch Archives Catalogue and Online Collections
• Publish map in ArcGIS
### ARCHIVISTS' TOOLKIT

**SUBJECT HEADINGS**

<table>
<thead>
<tr>
<th>Subject Term</th>
<th>Type</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aberdeen (Scotland)</td>
<td>Geographic Name (651)</td>
<td>Library of Congress Subject</td>
</tr>
<tr>
<td>Acadians--Songs and music</td>
<td>Topical Term (650)</td>
<td>Library of Congress Subject</td>
</tr>
<tr>
<td>Account books</td>
<td>Topical Term (650)</td>
<td>Library of Congress Subject</td>
</tr>
<tr>
<td>Accounts payable</td>
<td>Topical Term (650)</td>
<td>Library of Congress Subject</td>
</tr>
<tr>
<td>Accounts receivable</td>
<td>Topical Term (650)</td>
<td>Library of Congress Subject</td>
</tr>
<tr>
<td>Actors and actresses</td>
<td>Topical Term (650)</td>
<td>Library of Congress Subject</td>
</tr>
<tr>
<td>Actuaries--Canada</td>
<td>Topical Term (650)</td>
<td>Library of Congress Subject</td>
</tr>
<tr>
<td>Adjudants</td>
<td>Topical Term (650)</td>
<td>Library of Congress Subject</td>
</tr>
<tr>
<td>Advertising fliers</td>
<td>Topical Term (650)</td>
<td>Library of Congress Subject</td>
</tr>
<tr>
<td>Advertising--Beer</td>
<td>Topical Term (650)</td>
<td>Library of Congress Subject</td>
</tr>
<tr>
<td>Advocate (N.S.)</td>
<td>Geographic Name (651)</td>
<td>Library of Congress Subject</td>
</tr>
<tr>
<td>Aerial photography</td>
<td>Topical Term (650)</td>
<td>Library of Congress Subject</td>
</tr>
<tr>
<td>Africville (Halifax, N.S.)</td>
<td>Geographic Name (651)</td>
<td>Library of Congress Subject</td>
</tr>
<tr>
<td>Agriculture--Nova Scotia</td>
<td>Topical Term (650)</td>
<td>Library of Congress Subject</td>
</tr>
<tr>
<td>Agriculture--Prince Edward Island</td>
<td>Topical Term (650)</td>
<td>Library of Congress Subject</td>
</tr>
<tr>
<td>Alberta</td>
<td>Geographic Name (651)</td>
<td>Library of Congress Subject</td>
</tr>
<tr>
<td>Alternative spaces (Arts facilities)--Canada</td>
<td>Topical Term (650)</td>
<td>Library of Congress Subject</td>
</tr>
</tbody>
</table>
# Archivists' Toolkit Subject Headings

<table>
<thead>
<tr>
<th>Subject Term</th>
<th>Type</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>Textual record</td>
<td>Genre / Form (655)</td>
<td>Rules for Archival Description</td>
</tr>
<tr>
<td>Architectural drawing</td>
<td>Genre / Form (655)</td>
<td>Rules for Archival Description</td>
</tr>
<tr>
<td>Graphic material</td>
<td>Genre / Form (655)</td>
<td>Rules for Archival Description</td>
</tr>
<tr>
<td>Moving images</td>
<td>Genre / Form (655)</td>
<td>Rules for Archival Description</td>
</tr>
<tr>
<td>Multiple media</td>
<td>Genre / Form (655)</td>
<td>Rules for Archival Description</td>
</tr>
<tr>
<td>Object</td>
<td>Genre / Form (655)</td>
<td>Rules for Archival Description</td>
</tr>
<tr>
<td>Sound recording</td>
<td>Genre / Form (655)</td>
<td>Rules for Archival Description</td>
</tr>
<tr>
<td>Technical drawing</td>
<td>Genre / Form (655)</td>
<td>Rules for Archival Description</td>
</tr>
<tr>
<td>Cartographic material</td>
<td>Genre / Form (655)</td>
<td>Rules for Archival Description</td>
</tr>
<tr>
<td>Textual record (electronic)</td>
<td>Genre / Form (655)</td>
<td>Rules for Archival Description</td>
</tr>
<tr>
<td>Textual record (microform)</td>
<td>Genre / Form (655)</td>
<td>Rules for Archival Description</td>
</tr>
<tr>
<td>Graphic material (electronic)</td>
<td>Genre / Form (655)</td>
<td>Rules for Archival Description</td>
</tr>
<tr>
<td>Moving images (electronic)</td>
<td>Genre / Form (655)</td>
<td>Rules for Archival Description</td>
</tr>
<tr>
<td>Sound recording (electronic)</td>
<td>Genre / Form (655)</td>
<td>Rules for Archival Description</td>
</tr>
<tr>
<td>Lunenburg (N.S.)</td>
<td>Geographic Name (651)</td>
<td>Library of Congress Subject</td>
</tr>
<tr>
<td>Louisbourg (N.S.)--History--Siege, 1758</td>
<td>Geographic Name (651)</td>
<td>Library of Congress Subject</td>
</tr>
<tr>
<td>Atlantic Provinces</td>
<td>Geographic Name (651)</td>
<td>Library of Congress Subject</td>
</tr>
<tr>
<td>Louisbourg (N.S.)</td>
<td>Geographic Name (651)</td>
<td>Library of Congress Subject</td>
</tr>
<tr>
<td>Granville Street (Halifax, N.S.)</td>
<td>Geographic Name (651)</td>
<td>Library of Congress Subject</td>
</tr>
<tr>
<td>Amherst (N.S.)</td>
<td>Geographic Name (651)</td>
<td>Library of Congress Subject</td>
</tr>
</tbody>
</table>
FINDING AIDS MIGRATION PROJECT

- Extensive internal data cleaning
- 625+ multi-level EAD XML archival descriptions exported from Archivists’ Toolkit
- Internal development of custom XSLT to prepare XML files for import into AtoM
- Artefactual Systems did final data migration
ATOM TAXONOMIES

• Taxonomies were “rebuilt” based on EAD <controlaccess> headings
## ATOM TAXONOMIES

<table>
<thead>
<tr>
<th>EAD <code>&lt;CONTROLACCESS&gt;</code> ELEMENT</th>
<th>ATOM TAXONOMY</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>&lt;corpname&gt;</code> or <code>&lt;persname&gt;</code></td>
<td>Authority record</td>
</tr>
<tr>
<td><code>&lt;famname&gt;</code></td>
<td></td>
</tr>
<tr>
<td><code>&lt;subject&gt;</code></td>
<td>Subject heading</td>
</tr>
<tr>
<td><code>&lt;geogname&gt;</code></td>
<td>Geographic heading</td>
</tr>
<tr>
<td><code>&lt;genreform&gt;</code></td>
<td>general material designation [GMD]</td>
</tr>
</tbody>
</table>
WE WORKED REALLY HARD TO MAKE THIS WORK…

<table>
<thead>
<tr>
<th>Access Points</th>
<th>Description</th>
<th>Archivist Toolkit Data Entry Form</th>
<th>EAD</th>
<th>AT EAD EXPORT</th>
</tr>
</thead>
</table>
| 21.1 and 21.2 Access points at the fonds or collection level | In a multilevel description, make an access point(s) for the name(s) of the creator of the unit being described at the highest level (e.g., fonds, series, or collection). Make an access point(s) for the name(s) of the creator of a series if the name(s) of the creator of the series is different from the name of the creator of the unit at the highest level. | Add Name Link (Function="Creator"; Role="Originator") | <origination><persname | corpname | famname | name role="Originator" rules="RAD"> | <origination label="">
| 21.3A Provenance access points at the series level | Make an access point for the name of the creator identified in the title proper. | Add Name Link (Function="Creator"; Role="Originator") | <origination><persname | corpname | famname | name role="Originator" rules="RAD"> | <origination label="">
| Author | Add | <controlaccess><persname | corpname | famname | name role="author" rules="RAD"> | <controlaccess><persname | corpname | famname | name role="xxx"> | <controlaccess><persname | corpname | famname | name role="xxx"> |
AND THERE WERE PROBLEMS...

- AtoM lost “source” attribute in authority records, subject headings, genre/form statements, and geographic place names

```xml
<controlaccess>
  <subject source="lcsh">Business records</subject>
  <subject source="lcsh">General stores</subject>
  <subject source="lcsh">Lumber</subject>
  <subject source="lcsh">Schooners</subject>
  <subject source="lcsh">Shipbuilding</subject>
  <subject source="lcsh">Timber</subject>
  <subject source="lcsh">Weymouth (N.S.)</subject>
</controlaccess>
```

- Consider internal usage vs. external usage
- Move on…
CHECK GEOGRAPHIC PLACE NAMES

Browse Places:

Showing 961 results

Places

Places term | Scope note | Result
--- | --- | ---
Abbotsford (B.C.) | 1
Abercrombie (N.S.) | 31
Aberdeen (N.S.) | 4
Aberdeen (Scotland) | 2
Accra (Ghana) | 1
Addington Forks (N.S.) | 3
Addis Ababa (Ethiopia) | 1
Advocate (N.S.) | 1
Africa | 1
CREATE MAP DATA

• Geographic location name

• Number of results

• URL to geographic heading

• Coordinates
TEST PRESENTATION OPTIONS

Dalhousie Archives Catalogue

Legend

Archives Catalogue Items

Results

- > 20
- 4 - 20
- 1 - 3
EMBED MAP WITH <IFRAME>
ISSUE #1: `<IFRAME>` IS NOT “RESPONSIVE”
ISSUE #1: `<iframe>` IS NOT "RESPONSIVE"

The Markup For Embedded Content

Services such as YouTube provide code that you can copy and paste into your own website to embed content. I tend to recommend to my clients that they host video with YouTube because it will save them server space and, regardless of the user’s browser or device, YouTube will display the video correctly. The two main ways to embed video on a website are the HTML5 `<video>` element, which doesn’t work in legacy versions of Internet Explorer, and Flash, which doesn’t work on iOS devices and isn’t standards-compliant.

When you embed content from an external source, the code will include an `<iframe>`:

```html
<iframe src="http://www.youtube.com/embed/4aQwT3n2c1Q" height="315" width="560"

This `<iframe>` enables external content to be displayed on your website,
ISSUE #2: UPDATES!

Find Archival Material at the Dalhousie University Libraries

Newfoundland and Labrador

PLACES
Canada
New Brunswick
Newfoundland and Labrador
Nova Scotia

SUBJECT
All
Personal archives

7 Results for Newfoundland and Labrador

7 results directly related
Exclude narrower terms

Atlantic Opera Society fonds
ISSUE #3: MAP SEARCH RESULTS VS. PLOTS

[Map search result image]
 ISSUE #4: IDENTIFYING GEOGRAPHIC LOCATIONS

MS-2-781, PB Box 16, Folder 70 - Photograph of two women in front of rock arch along the Bay of Fundy

David K. Joyce Minerals: “This is a rock arch that we came upon, unexpectedly, when we rounded a corner in the bluffs.”
ISSUE #5: SELECTING GEOGRAPHIC HEADINGS

MS-2-744, Box 323, Folder 18 - Boat paper and nonpaper: [informal discussion documents]
NEXT STEP: STRUCTURE GEOGRAPHIC HEADINGS

Nova Scotia

Canada » Nova Scotia

<table>
<thead>
<tr>
<th>Taxonomy</th>
<th>Places</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>• Library of Congress Subject Headings</td>
</tr>
<tr>
<td></td>
<td>Nova Scotia: BT Canada</td>
</tr>
<tr>
<td></td>
<td>Nova Scotia: • NT Cape Breton Island (N.S.)</td>
</tr>
<tr>
<td></td>
<td>• NT Debert (N.S.)</td>
</tr>
<tr>
<td></td>
<td>• NT Louisbourg (N.S.)</td>
</tr>
<tr>
<td></td>
<td>• NT Osborne (N.S.)</td>
</tr>
<tr>
<td></td>
<td>• NT Port Royal (N.S.)</td>
</tr>
</tbody>
</table>

Hierarchical terms

19 Results for Nova Scotia
NEXT STEP: ADD COORDINATES

Tokyo (Japan)

Japan » Tokyo (Japan)

Taxonomy
Code
35.6833° N, 139.6833° E

Source note(s)
• Library of Congress Subject Headings
Hierarchical terms
Tokyo (Japan): BT Japan

5 Results for Tokyo (Japan)
NEXT STEP: UPDATE MAP
NEXT STEP: AUTOMATION?

- <rdf:RDF>
  - <skos:ConceptScheme rdf:about="http://findingaids.library.dal.ca/places">
    <dc:title xml:lang="ca">Llocs</dc:title>
    <dc:title xml:lang="de">Orte</dc:title>
    <dc:title xml:lang="en">Places</dc:title>
    <dc:title xml:lang="es">Lugares</dc:title>
    <dc:title xml:lang="fa">مکان ها</dc:title>
    <dc:title xml:lang="fr">Lieux</dc:title>
    <dc:title xml:lang="gl">Lugares</dc:title>
    <dc:title xml:lang="id">Tempat</dc:title>
    <dc:title xml:lang="it">Luoghi</dc:title>
    <dc:title xml:lang="ja">場所</dc:title>
    <dc:title xml:lang="ka">დარბაზები</dc:title>
    <dc:title xml:lang="ko">장소</dc:title>
    <dc:title xml:lang="nl">Plaatsen</dc:title>
    <dc:title xml:lang="pl">Miejsca</dc:title>
    <dc:title xml:lang="pt">Locais</dc:title>
    <dc:title xml:lang="pt_BR">Locais</dc:title>
    <dc:title xml:lang="sl">Kraji</dc:title>
    <dc:title xml:lang="th">สถานที่</dc:title>
  </skos:ConceptScheme>
  - <skos:Concept rdf:about="http://findingaids.library.dal.ca/addis-ababa-ethiopia">
    <skos:prefLabel xml:lang="en">Addis Ababa (Ethiopia)</skos:prefLabel>
    <skos:inScheme rdf:resource="http://findingaids.library.dal.ca/places"/>
  </skos:Concept>
</rdf:RDF>
IMAGE CREDITS

Slide 14: Screenshot of Dal Archives XML provided by Dal Gillean of Artefactual Systems

Slide 25: Photograph of two women in front of rock arch along the Bay of Fundy, MS-2-781, PB Box 16, Folder 70, Byron Ulric Hatfield Photograph Collection:

Slide 25: Photograph of rock arch, David K. Joyce Minerals website: