Digital Commonwealth 2.0

It’s Alive!

Steven Anderson
Eben English
Boston Public Library
Where We’re At

- replaced DSpace functionality
- migrated content & metadata
- replicated portal functionality
- ingested OAI-harvested content
- launch of site integrating repository & portal
Old News

DC Repository (DSpace)

Other Repositories (MA State Lib, WGBH, Noble, C/W Mars, etc.)

OAI-PMH

DC Portal (Omeka)

OAI-PMH
New & Improved

Commonwealth (Hydra)

Hosted content (metadata & objects)
Harvested content via OAI-PMH (metadata only)

OAI-PMH

DPLA
Components

- **Commonwealth-Admin**
  - administrative functionality
  - upload, edit, manage collections & objects
  - derivative creation
  - identifier minting

- **Commonwealth-Search**
  - discovery interface
  - search/browse for collections & objects
  - view content
  - share content
Progress since last time: Admin

- MODS metadata editor
- workflow stages
- collection images
- batch upload via spreadsheet template
- OAI harvester
- complex objects
Progress since last time: Search

- advanced search
- responsive layout
- public folders
- event tracking
- complex object viewer
Progress since last time: Collections

Hosted
- 14 institutions
- 81 collections
- 46,413 items

Harvested
- 10 providers
- 70 institutions
- 130 collections
- 27,289 records
Harvested Collections: OAI feeds

● harvest XML metadata
  ○ Dublin Core
  ○ Qualified Dublin Core
  ○ PBCore

● data normalization
  ○ dates
  ○ formats
  ○ subjects
  ○ places
  ○ languages

● MODS metadata record

● thumbnail image creation
<metadata>
    <dc:title>Lee Shoe Factories, Athol Mass.</dc:title>
    <dc:subject>
      Manufactures--Massachusetts--Athol; Shoe Industry; Industries--Massachusetts--Athol; Athol (Mass)--History--Pictorial works
    </dc:subject>
    <dc:description>
      Artists drawing of the complex of buildings belonging to C. M. Lee Shoe Manufactory located from Main Street to South Street. Started by Charles M. Lee and his brothers in 1850 and grew into a block of buildings by 1869.
    </dc:description>
    <dc:publisher>C/WMARS http://www.cwmars.org/</dc:publisher>
    <dc:contributor>L.C. Herrick; Athol, Mass</dc:contributor>
    <dc:date>early 1880's</dc:date>
    <dc:relation>
      From the postcard collection of the Athol Public Library, Athol, Massachusetts. http://www.athollibrary.org/
    </dc:relation>
    <dc:identifier>http://dlib.cwmars.org/u/?athol,13</dc:identifier>
  </oai_dc:dc>
</metadata>
<table>
<thead>
<tr>
<th><strong>Title:</strong></th>
<th>Lee Shoe Factories, Athol Mass.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Description:</strong></td>
<td>Artists drawing of the complex of buildings belonging to C. M. Lee Shoe Manufactory located from Main Street to South Street. Started by Charles M. Lee and his brothers in 1850 and grew into a block of buildings by 1869.</td>
</tr>
<tr>
<td><strong>Contributor:</strong></td>
<td>L.C. Herrick</td>
</tr>
<tr>
<td><strong>Contributor:</strong></td>
<td>Athol, Mass</td>
</tr>
<tr>
<td><strong>Date:</strong></td>
<td>[ca. 1880–1883]</td>
</tr>
<tr>
<td><strong>Format:</strong></td>
<td>Postcards/Cards</td>
</tr>
<tr>
<td><strong>Location:</strong></td>
<td>Athol Public Library</td>
</tr>
<tr>
<td><strong>Subjects:</strong></td>
<td>Manufactures--Massachusetts--Athol Shoe Industry</td>
</tr>
<tr>
<td></td>
<td>Industries--Massachusetts--Athol</td>
</tr>
<tr>
<td></td>
<td>Athol (Mass)--History--Pictorial works</td>
</tr>
<tr>
<td><strong>Places:</strong></td>
<td>United States &gt; Massachusetts &gt; Worcester (county) &gt; Athol</td>
</tr>
<tr>
<td><strong>Notes:</strong></td>
<td>From the postcard collection of the Athol Public Library, Athol, Massachusetts. <a href="http://www.athollibrary.org/">http://www.athollibrary.org/</a></td>
</tr>
<tr>
<td><strong>Collection (local):</strong></td>
<td>C/W MARS Digital Treasures</td>
</tr>
<tr>
<td></td>
<td>Athol Collection</td>
</tr>
<tr>
<td><strong>Terms of Use:</strong></td>
<td>Rights status not evaluated. Contact host institution for more information.</td>
</tr>
</tbody>
</table>
Complex objects (after)

https://www.digitalcommonwealth.org/search/commonwealth:h128nf02d
Show & Tell Time

https://www.digitalcommonwealth.org/
Features to be added

- admin dashboard
- batch upload via spreadsheet
- metadata template
- ingest of MARC & EAD records
- geospatial searching & browsing
- book viewer
- streaming media
- export slideshow
- user-created exhibits
MORE CONTENT FROM MEMBERS LIKE YOU!
Questions?

- Steven Anderson
  sanderson@bpl.org

- Eben English
  eenglish@bpl.org