THREE YEARS OLD!

Year in review and future directions

Content, features, usage, news, etc.
Growth in the past year
CONTENT: GROWTH

Institutions:

![Graph showing growth in institutions from 2014 to 2017]
CONTENT: GROWTH

Collections:
CONTENT: GROWTH

Total items:

- 2014: 73,702
- 2015: 182,112
- 2016: 405,327
- 2017: 474,821
CONTENT: GROWTH

Harvested items:
CONTENT: GROWTH

Hosted items:

Diagram showing the growth in hosted items from 2014 to 2017 with the following data points:
- 2014: 46,143
- 2015: 133,854
- 2016: 191,854
- 2017: 221,294

The graph indicates a steady increase in hosted items over the years.
CONTENT: GROWTH

Total files:

![Graph showing growth of files from 2014 to 2017 with key points: 75,923 in 2014, 171,589 in 2015, 323,400 in 2016, and 384,509 in 2017.]
GROWTH

Storage space (TB):

![Graph showing storage space growth from 2014 to 2017. The data points are: 5.5 TB in 2014, 9.5 TB in 2015, 14.5 TB in 2016, and 16.6 TB in 2017.](image)
FEATURES

Recently added & upcoming
FEATURES: ADDED

Autocomplete:
FEATURES: ADDED

Date slider:
FEATURES: ADDED

Facets in collections list:
FEATURES: ADDED

MLA & APA citation formats:

MLA

APA

Chicago
FEATURES: ADDED

Institution logos:

American Archive of Public Broadcasting
Massachusetts > Suffolk (county) > Boston

The American Archive of Public Broadcasting (AAPB) is a collaboration between the WGBH Educational Foundation and the Library of Congress to coordinate a national effort to preserve at-risk public media before its content is lost to posterity and provide a central web portal for access to the unique programming that public stations have aired over the past 60 years. To date, over 40,000 hours of television and radio programming contributed by more than 100 public media organizations and archives across the United States have been digitized for long-term preservation and access. The entire collection is available on location at WGBH and the Library of Congress, and more than 17,000 programs are available online through Digital Commonwealth and at americanarchive.org.

- Visit institution web site

Digital Collections: (1)
FEATURES: ADDED

Administrative accounts: edit collections:

Editing Collection: 19th Century American Trade Cards

Display Image (425 max options for dropdown):

5 angels helping carry a giant can

Description *

A textual description or abstract describing the collection.

Color lithographed Victorian-era trade cards were a key late 19th century advertising vehicle for national manufacturers and local
FEATURES: ADDED

Administrative accounts: collection usage stats:

Massachusetts Collections Online

Select Dates *

Start Date:  MM/DD/YYYY

End Date:  MM/DD/YYYY

Select Delivery Method (may take hours to process) *

Method:  Browser  Email Me

Generate Stats
FEATURES: ADDED

Downloads:

- Master (full resolution, uncompressed) (TIF, 53.6 MB)
- Original (full resolution) (JPEG, ~4.5 MB)
- Medium (800px) (JPEG, 224 KB)

location mapped
FEATURES: ADDED

Downloads:

Downloads: The bloody massacre perpetrated in...

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Download Master (full resolution, uncompressed) (TIF, 53.6 MB)  Cancel
FEATURES: PLANNED

SEARCH:

● Embed images
● Facet by public domain status
● Slideshow enhancements
● Export folder items as PPT or PDF
● Display georeferenced maps
FEATURES: PLANNED

Georeferenced maps:
FEATURES: PLANNED

ADMIN:

- Cloud-based file storage (Amazon)
- RDBMS-based metadata storage
- Upgrade Solr (search index)
FEATURES: PLANNED

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NEWS

Updates on recent efforts
NEWS: WE’RE HIRING

- BPL hiring repository developer
- Ingests & harvests will be priority
- New features added as time allows
NEWS: RE-HARVESTS

- Will not be done on a regular basis
- Institution should submit Digitization Request Form and Service Agreement
- Indicate you have been harvested
NEWS: MODS TO RDF

MODS and RDF Descriptive Metadata Subgroup
https://wiki.duraspace.org/display/hydra/MODS+and+RDF+Descriptive+Metadata+Subgroup

- Amherst College, NYPL, UNC Chapel Hill, Columbia, Indiana, Emory, U. of Alberta

- Work began in July 2015; nearing completion

- Convert MODS XML to Linked Data
NEWS: MODS TO RDF

MODS XML:

<mods:name type="personal" authority="naf"
  authorityURI="http://id.loc.gov/authorities/names"
  valueURI="http://id.loc.gov/authorities/names/n50007142">
  <mods:namePart>Bellows, George</mods:namePart>
  <mods:namePart type="date">1882-1925</mods:namePart>
  <mods:role>
    <mods:roleTerm type="text" authority="marcrelator"
      authorityURI="http://id.loc.gov/vocabulary/relators"
      valueURI="http://id.loc.gov/vocabulary/relators/art">
      Artist
    </mods:roleTerm>
  </mods:role>
</mods:name>
NEWS: MODS TO RDF

RDF:

http://ark.digitalcommonwealth.org/ark:/50959/7d279w15s

http://id.loc.gov/vocabulary/relators/art

http://id.loc.gov/authorities/names/n50007142 .
NEWS: USABILITY

Simmons Usability Study

- LIS 455 Usability and UX Research
- Fall 2016
- 5 test participants
  - Hosted v. harvested content
  - Citation features
  - Download features
  - Map
NEWS: USABILITY

Findings:

● Search features easy to use
● Some difficulty with harvested items
● Item detail page too busy
● Varied layouts confusing
● ‘Tools’ not obvious
● Map fun, but confusing
NEWS: USABILITY

Harvested item links:
NEWS: USABILITY

Metadata display:

Location: WGBH
Collection (local): WGBH Open Vault
Series: Boston Symphony Orchestra
Subjects: Ron Della Chiesa
        Presidents--Assassination
        Orchestral music
        Eric Leinsdorf
        Boston Symphony Orchestra
        Kennedy, John F. (John Fitzgerald), 1917-1963
Places: Massachusetts > Suffolk (county) > Boston
Extent: 00:01:00:00
Link to Item: http://openvault.wgbh.org/catalog/A_0323CB3A139A4283B9B47ADEFB424844
Terms of Use: Rights status not evaluated.
Contact host institution for more information.

More Like This
“Newspapers in Hydra”

- $250K IMLS grant application (full)
- Submitted January 2017
- Partnering with University of Utah
- Build robust support for newspaper content (esp. articles) within Hydra
USAGE

April 2016 - March 2017
Who, what, from where . . . why?
USAGE: SESSIONS

- March 2016: 1,235 sessions/day
- October 2016: 1,319 sessions/day
- March 2017: 1,586 sessions/day
USAGE: TRAFFIC

- search: 60%
- direct: 17%
- referral: 11%
- social: 11%
USAGE: PLATFORM

- desktop: 64%
- mobile: 27%
- tablet: 9%
**USAGE: REFERRERS**

- bpl.org 7,981
- dp.la 3,184**
- bostonglobe.com 2,941
- cwmars.org 1,948
- newbedford-ma.gov 857
- universalhub.com 818
- watertownlib.org 817
- woodenboat.com 690
- lawrencehistorycenter.org 541
- chathamhistoricalsociety.org 493

**These numbers are low due to a technical issue with Google Analytics; the actual number is likely closer to 8,000-10,000.**
USAGE: SOCIAL

- Facebook 39,464
- Reddit 8,348
- Twitter 2,657
- YouTube 1,374
- Pinterest 1,239
- Blogger 1,228
- Tumblr 515
USAGE: CONTENT

- most-viewed items
- collections
  - “views-per-item” average
Usage: Top 10 Items

#10 (650 views)

The Polo Grounds, New York, 1905 World Series
Boston Public Library; Michael T. "Nuf Ced" McGreevey Collection
http://ark.digitalcommonwealth.org/ark:/50959/sf2687686
Medford Sq.
Griffin Museum of Photography; Arthur Griffin Photographs
http://ark.digitalcommonwealth.org/ark:/50959/k930d898m
Western Electric Company
Lawrence History Center; Lawrence History Center Photograph Collection
http://ark.digitalcommonwealth.org/ark:/50959/g732dk89j
Plan of the city of Meriden, New Haven Co., Conn. . . .

Boston Public Library; Norman B. Leventhal Map Center Collection
http://ark.digitalcommonwealth.org/ark:/50959/7h149w73c
Nudist colony in Germany
Boston Public Library; Leslie Jones Collection
http://ark.digitalcommonwealth.org/ark:/50959/sj139r62h
Paul Revere's plan of the scene of the Boston Massacre
Boston Public Library; Colonial and Revolutionary Boston
http://ark.digitalcommonwealth.org/ark:/50959/vh53x374w
Row of naked boys stand on diving board at indoor pool
Boston Public Library; Leslie Jones Collection
http://ark.digitalcommonwealth.org/ark:/50959/sj139t62x
USAGE: TOP 10 ITEMS

#3 (4,720 views)


Boston Public Library; Norman B. Leventhal Map Center Collection
http://ark.digitalcommonwealth.org/ark:/50959/7h149v83d
Row of naked boys stand on diving board at indoor pool
Boston Public Library; Leslie Jones Collection
http://ark.digitalcommonwealth.org/ark:/50959/sj139t64g
Gleason's new standard map of the world
Boston Public Library; Norman B. Leventhal Map Center Collection
http://ark.digitalcommonwealth.org/ark:/50959/7h149v85z
USAGE: COLLECTIONS

Top 5 most-popular collections

- September 2016 - March 2017
- Minimum 75 items
- Average view count for items
 USAGE: COLLECTIONS 

#5 (18.4 average views)

Social and Political Cartoons
Boston Public Library
https://www.digitalcommonwealth.org/collections/commonwealth:9880w763w
USAGE: COLLECTIONS

#4 (18.9 average views)

Books from the Boston Public Library
Boston Public Library
https://www.digitalcommonwealth.org/collections/ccommonwealth:x07hd55c
 USAGE: COLLECTIONS

#3 (21.7 average views)

Brockton: The Early Years as a City in Photographs . . .
Brockton Public Library
https://www.digitalcommonwealth.org/collections/commonwealth:j67314798
Wayland Free Public Library Photograph Collection
Wayland Free Public Library
https://www.digitalcommonwealth.org/collections/commonwealth:4t64gr11f
Marstons Mills Historical Society Photograph Collection
Marstons Mills Historical Society
https://www.digitalcommonwealth.org/collections/commonwealth:k0698g81x
USAGE: BEHAVIOR

Home page

About This Site
This site provides access to photographs, manuscripts, books, audio recordings, and other materials of historical interest that have been digitized and made available by members of Digital Commonwealth, a statewide consortium of libraries, museums, archives, and historical societies from across Massachusetts.

News & Announcements
- NEA Recognizes Digital Commonwealth and BPL
- Get Early Bird Registration for Digital Commonwealth Conference – April 2nd
- New Collections Added to the Digital Commonwealth in February
- Guest Post: Lucius Beebe Memorial Library
USAGE: BEHAVIOR

Home page

- Slideshow: 2%
- Search form: 51%
- Map browse: 5%
- Collection browse: 10%
- Institutions browse: 8%
- Formats browse: 4%
- News links: 3%
- Navigation links: 10%

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USAGE: BEHAVIOR

Search results page
USAGE: BEHAVIOR

Search results page

- Search: 2%
- Remove params: 2%
- Start over: 2%
- Pagination: 43%
- Sort & per page: 2%
- Facets: 7%
- Item thumbnail or title: 37%
1906 World Series game at West Side Park in Chicago

- Title: 1906 World Series game at West Side Park in Chicago
- Description: Panoramic Photo, in two sections, of the West Side Grounds.
- Photographer: Geo. R. Lawrence Co.
- Date: 1906
- Format: Photographs
- Genre: Aerial views
- Location: Boston Public Library
- Collection (local): Michael T. "Nut Cerd" McGrewey Collection
- Subjects: Stadium, Baseball
- Accession #: 06_06_000122
- Permalink: http://ark.digitalcommonwealth.org/ark:/50959/v2687529
- Terms of Use: No known copyright restrictions.
USAGE: BEHAVIOR

Item detail page

- Previous/next links: 25%
- Breadcrumb: 1%
- Image viewer: 31%
- Metadata links: 5%
- Tools: 1%
- Downloads: 2%
- More like this: 21.5%
- Map: 2.4%
<table>
<thead>
<tr>
<th></th>
<th>Hosted Items</th>
<th>Harvested</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Records</td>
<td>214,138</td>
<td>229,174</td>
</tr>
<tr>
<td>Percentage of Records</td>
<td>48%</td>
<td>52%</td>
</tr>
<tr>
<td>Average Views</td>
<td>2.8</td>
<td>0.28</td>
</tr>
</tbody>
</table>
# USAGE: SUBJECTS

<table>
<thead>
<tr>
<th></th>
<th>No Subjects</th>
<th>Topic Subject Only</th>
<th>Geographic Subjects Only</th>
<th>Both Topic and Geographic</th>
</tr>
</thead>
<tbody>
<tr>
<td>Average Views</td>
<td>0.2</td>
<td>0.9</td>
<td>2.2</td>
<td>2.6</td>
</tr>
</tbody>
</table>
## USAGE: HARVESTED

Jan. 14, 2017 - March 14, 2017

<table>
<thead>
<tr>
<th></th>
<th>DPLA</th>
<th>Digital Commonwealth</th>
</tr>
</thead>
<tbody>
<tr>
<td>Views</td>
<td>2,337</td>
<td>23,375</td>
</tr>
<tr>
<td>Clickthroughs</td>
<td>343</td>
<td>4,495</td>
</tr>
<tr>
<td>Percentage</td>
<td>15%</td>
<td>19%</td>
</tr>
</tbody>
</table>
THANKS!

Questions?

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@ebenenglish

https://goo.gl/xsDoKy