EAD/Archives Integration

Erin Faulder, Archivist for Digital Collections, Tufts University
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What is being done to integrate a searchable collection of EAD finding aids with a digital asset repository? What is in the works for future / better integration?
What is being done...

- CIDER at Tufts University
- Blacklight and archival metadata at University of Hull
- ArcLight at Stanford: [https://wiki.duraspace.org/display/hydra/ArcLight](https://wiki.duraspace.org/display/hydra/ArcLight)
- Yale’s Kissinger Papers project
- U-M Bentley’s ArchivesSpace/Archivematica/DSpaceHydra integration: [http://archival-integration.blogspot.com/](http://archival-integration.blogspot.com/)
- ArchivesSpace Public Interface enhancement: [https://archivesspace.atlassian.net/wiki/display/ADC/Public+Interface+Enhancement+Project](https://archivesspace.atlassian.net/wiki/display/ADC/Public+Interface+Enhancement+Project)
- Hydra Archivists Interest Group: [https://wiki.duraspace.org/display/hydra/Hydra+Archivists+Interest+Group](https://wiki.duraspace.org/display/hydra/Hydra+Archivists+Interest+Group)
Archives and Repository Integration

Tufts University
Digital Collections and Archives

Erin Faulder
HydraConnect 2015
System to system

CIDER archival description
- Collection
- Item (FRBR)

Tufts Digital Library
- EAD
- Digital Object

System of record for all metadata

Collections Management System

Tufts Repository Systems

Preservation and access system

Push (meta) data
# CIDER Collection description

<table>
<thead>
<tr>
<th>Collection</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>MS223 Amory Nelson Hardy photographs, 1883-1885-05</td>
<td></td>
</tr>
<tr>
<td>MS223.001 Amory Nelson Hardy photographs, 1883-1885-05</td>
<td></td>
</tr>
<tr>
<td>MS223.001.00001 Capen House, 8 Professors Row, 1863-1885</td>
<td></td>
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<tr>
<td>MS223.001.00002 Tufts railroad station, 1863-1885</td>
<td></td>
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<tr>
<td>MS223.001.00003 Ballou Hall, 1883-1886</td>
<td></td>
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<tr>
<td>MS223.001.00004 Goddard Gymnasium, 1883-1886</td>
<td></td>
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<tr>
<td>MS223.001.00005 East Hall, 1883-1886</td>
<td></td>
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<tr>
<td>MS223.001.00006 View of Tufts campus and construction of Barnum Hall, 1863-1884</td>
<td></td>
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<tr>
<td>MS223.001.00007 Baseball game at Tufts, 1883-1885</td>
<td></td>
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<tr>
<td>MS223.001.00008 Packard Hall and East Hall, 1863-1885</td>
<td></td>
</tr>
<tr>
<td>MS223.001.00009 View of Tufts campus, 1883-1885</td>
<td></td>
</tr>
<tr>
<td>MS223.001.00010 Interior view of Goddard Chapel, 1883-1885</td>
<td></td>
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<tr>
<td>MS223.001.00011 Goddard Chapel, 1883-1885</td>
<td></td>
</tr>
<tr>
<td>MS223.001.00012 Barnum Hall, 1883-1885</td>
<td></td>
</tr>
<tr>
<td>MS223.001.00013 Daniel Pratt delivering a lecture to a group of men, 1885-05</td>
<td></td>
</tr>
<tr>
<td>MS223.001.00014 Ballou Hall, view through trees, 1883-1885</td>
<td></td>
</tr>
</tbody>
</table>
**CIDER**

**Item description**

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**MS223.001.001.00001: Capen House, 8 Professors Row**

**Dates** Circa 1883–1885

**Location** 39000016517274; data05

**Type** Image: Physical image (photographic prints); Digital object (image/tiff)

**URL**

**Accession number** 2015.021

**Subject Headings**

- **Topic Terms**
  - Houses (R.K.226 (Single Built Works))

- **Geographic Terms**
  - Professors Row (THD Street on Medford Campus)
  - Capen House (THD Building on Medford Campus)

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**Classes**

- **Physical Image**
- **Digital Object**

**Relationships**

- `re:hasDescription` tufts:UA099.001.DO.MS223; rel:isMemberOf tufts:UA099.001.DO.MS223
- `PID` tufts:MS223.001.001.00001

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**FRBR-style description**

**Wor**

**Manifestation(s)**
CIDER
Item exported

```xml
xmlns:admin:steward="http://nills.lib.tufts.edu/dcaadmin/"
xmlns:aoc="http://purl.org/dc/dcmitype/"
xmlns:rel="info:fedora/fedora-system:def/relations-external#">
  <admin:steward>dc</admin:steward>
  <admin:createdBy>CIDER</admin:createdBy>
  <admin:displays>dl</admin:displays>
  <pid>tufts:MS223.001.001.00001</pid>
  <dc:title>Capen House, 8 Professors Row</dc:title>
  <dc:creator>Tufts University. Digital Collections and Archives.</dc:creator>
  <dc:source>MS223</dc:source>
  <dc:date:created>1883</dc:date:created>
  <dc:date:available>2014-10-14T00:00:00</dc:date:available>
  <dc:date:issued>2015-09-16</dc:date:issued>
  <!-- CHANGE RIGHTS URL IF NEEDED -->
  <dc:rights>http://dca.tufts.edu/access/rights.html</dc:rights>
  <dcadesc:geoname>Professors Row</dcadesc:geoname>
  <dcadesc:geoname>Capen House</dcadesc:geoname>
  <dcadesc:subject>Houses</dcadesc:subject>
  <dc:description>This date is approximate. photographic prints.</dc:description>
  <rel:hasDescription>tufts:UA069.001.DO.MS223</rel:hasDescription>
  <rel:isMemberOf>tufts:UA069.001.DO.MS223</rel:isMemberOf>
  <!-- Image - match with dc:type -->
  <dc:type>Image</dc:type>
  <rel:hasModel>info:fedora/cm:Image.4DS</rel:hasModel>
  <!-- If there are multiple digital object class instances, verify that this is the right format. -->
  <dc:format>image/tiff</dc:format>
  <file>MS223.001.001.00001.archival.tiff</file>
</digitalObject>
```

Metadata for digital object to ingest into Tufts Digital Library

Points to EAD object
EAD is an object in the repository.

Digital object clickable when also in TDL.
Tufts Digital Library Item

This digital object is in repository for discovery, access, preservation.

Links back to Finding Aid.

Tufts Digital Library

Capen House, 8 Professors Row
1883

This date is approximate, photographic prints.

This object is in collection:
Amory Nislan Hardy photographs

Subjects:
Houses
Professors Row
Capen House

ID: tufts:MS223.001.001.00001
To Cite: DCA Citation Guide
Usage: Detailed Rights

OPEN IN VIEWER
Tufts Digital Library

Discovery

Digital object discoverable through keyword and faceting
Digital object discoverable by faceting to collection
Combining archival metadata records using Blacklight

Chris Awre

Hydra Connect 3

Minneapolis, September 2015
Archives at the University of Hull

• Hull History Centre
Three sources of records

- University Archives
  - EAD records in a CALM archives management system
- City Archives
  - EAD records in a different CALM system
- Local Studies Library
  - MARC records held in the City library catalogue

- Goal
  - Create a single catalogue providing access to all
Searching...

• The catalogue needed to be able to support a common initial search
  – Users can then drill down to individual items, which may have different options
  – Map fields between records where feasible
    • Focus on date – key to archives
    • Inclusion of all dates in range
• Key was structuring of solr index to accommodate needs
• Inspired by work at Rock’n’Roll Hall of Fame
  – http://library.rockhall.com/home
Archives and archival items

• It was important to enable access to archival items as well as archival collection finding aids
  – Two points of access that link behind the scenes
• Addition of catalogue documents
  – Separate PDF files: not in Hydra at this time as changeable
• Search also enabled within archive collections for more specific discovery
Hull History Centre catalogue

http://catalogue.hullhistorycentre.org.uk
Looking ahead

• We want to add digital archive files to our Hydra institutional repository head
  – Link to these from the archives catalogue (and vice versa?)
• Record of authority will remain CALM/City catalogue
  – Hydra will be content store
  – Objects will have metadata and will be accessible individually, through the University repository interface, but primary discovery route will remain as now
    • Facilitates context
• Add EAD collection records to library catalogue Blacklight
  – Better University awareness
City of Culture 2017

• Hull will be hosting a year long cultural festival

• Two archives are being explored
  – Organisational formal archive
  – Participatory archive – crowd sourced material

• Both will generate digital archives

• Both will be added to overall archives catalogue
  – Together they may also have their own discovery route, via Hydra, focused on repository metadata
    • Recognition of different discovery purposes
Thank you

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