

Bauhaus: 1919-28

Chronology



Private Practice: 1928-35



London: 1935-37



Harvard: 1937-41



Private Practice: 1941 -







Bauhaus: 1919-28

Chronology



Private Practice: 1928-35



London: 1935-37



Harvard: 1937-41



Private Practice: 1941 -















1959

Partner Institutions









708 Objects



515 Objects



712 Objects



130 Objects



200 Objects



30,000 Objects

272 Objects

Partners Still in Negotiations



225 Objects

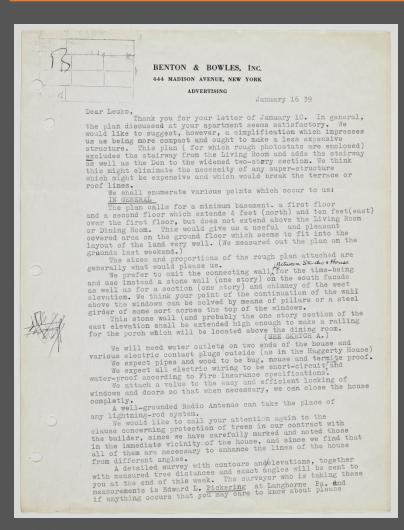


Copyright

- Contents made available for use in education, scholarship, research, teaching, and private study
- Syracuse University does not hold the copyright for many of the materials made available in the digital archive
- Permission of the copyright owners required for distribution, reproduction, or other use
- User is solely responsible for determining the copyright status of any material he or she may wish to use
- Syracuse University is eager to hear from any copyright owners who believe the website has not properly attributed their work or has used it without authorization.



Types of Materials in the Collection

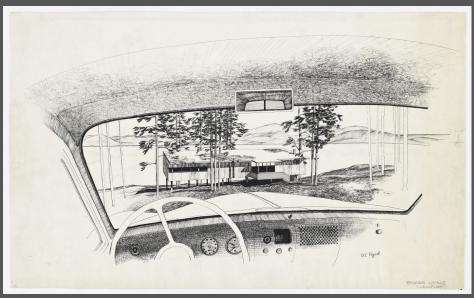




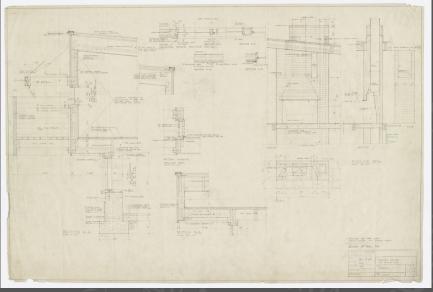
Fischer House and Studio, ca. 1939



Types of Materials in the Collection



Wellfleet Cottage, ca. 1948





Digitization Standards

- TIFF files: Archival use
 - 600 dpi for correspondence
 - 300 dpi or best resolution for drawings
- JPEG2000 files: Access images
- Thumbnails



Processing: Standard Series & Subseries

Personal Papers

Biographical Information
Diaries
Correspondence
Student Work
Travel
Photographs
Unique Subseries

Faculty Papers

Administrative
Course Materials
Research Notes
Reference Files
Students' Work
Unique Subseries

Project Records

Project Lists
Files
Photographs
Drawings
Unique Subseries

Professional Papers

Correspondence
Writings
Presentations
Associations & Committees
Awards
Research Notes
Reference Files
Unique Subseries

Office Records

Administrative
Correspondence
Financial Records
Public Relations
Photographs
Presentation Materials
Clippings & Scrapbooks
Unique Subseries

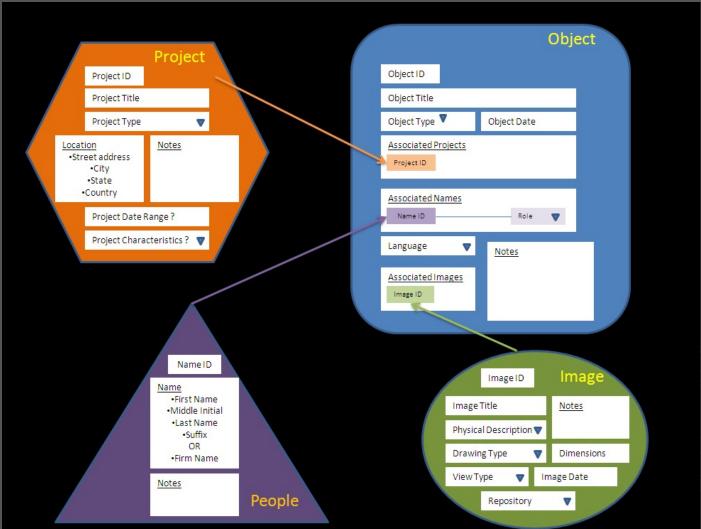
Art & Artifacts

Additional Donations

From Waverly Lowell & Tawny Ryan Nelb, Architectural Records: Managing Design and Construction Records. p. 174-175.

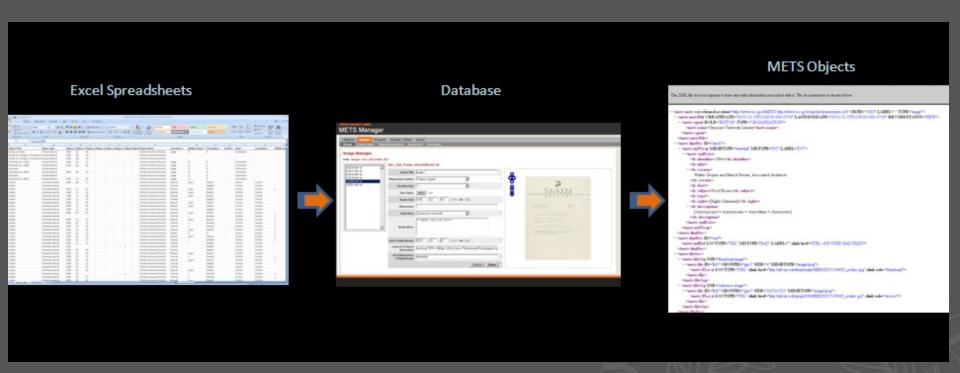


Metadata Relationships





Metadata Workflow





Project Timeline





Technical Background...





Brief Introductions

METS Database Application

- Archivist Interface
- PHP, MySQL
- Metadata and Archival Objects

Djatoka Image Server

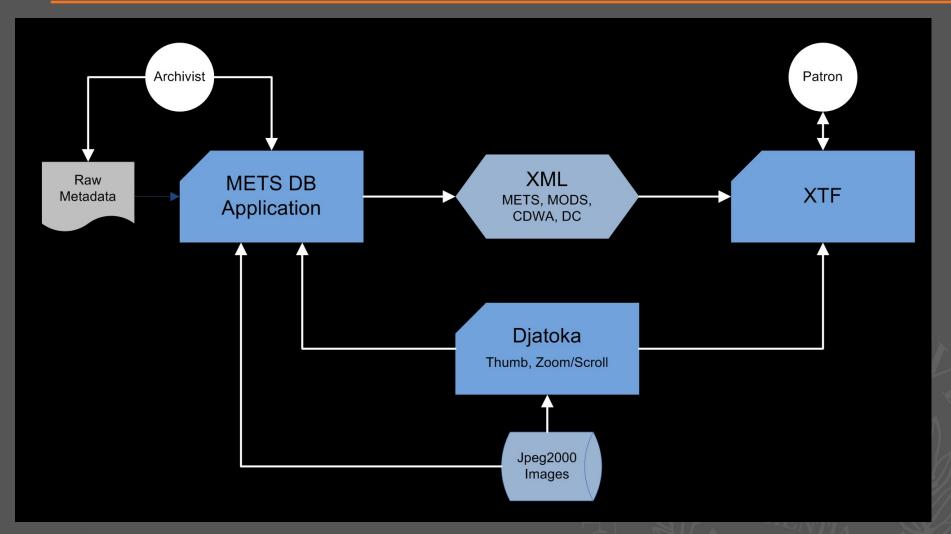
- Dynamic JPEG2000 Down-sampling Server
- Tomcat, Java
- OpenLayers Plugin: Zoom and Scroll

eXtensible Text Framework (XTF)

- Patron Access
- Tomcat, Java
- Faceted Index



System Overview





METS Database Application

- PHP/MySQL Web Application
 - Jeremy Morgan, Programmer, Syracuse University Library
- Supports LDAP & Local Authentication
- Strong emphasis on controlled vocabulary through normalized database structure
- Organized by the four main tables:
 - Objects
 - Images
 - Projects
 - People/Firms
- Bulk metadata import via tab delimited spreadsheet
- Exports index ready XML



METS DB: People/Firms

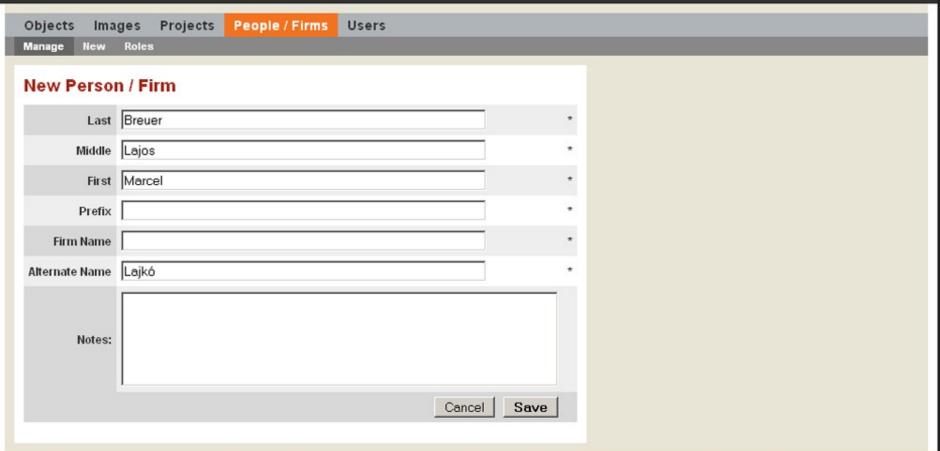
- Last, Middle, First, Prefix
- Firm Name
- Alternate Name
- Roles (managed here, linked in object)
- Notes (internal usage)



SYRACUSE UNIVERSITY LIBRARY

Jeremy Morgan [Logout]

METS Manager

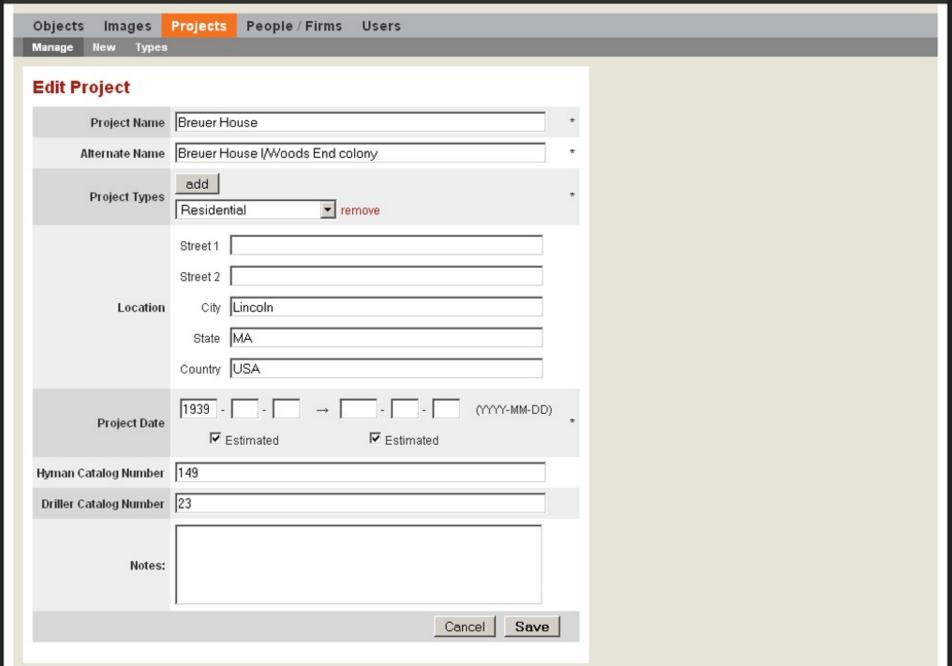


METS DB: Projects

- Project Name
- Alternate Name
- Project Types
- Location
- Date
- Hyman/Driller Catalog Numbers
- Notes (internal usage)



METS Manager



METS DB: Images

- Image Title
- Physical Description
- Repository
- Drawing Types
- View Types
- Date (original)
- Date (digital)
- Dimensions (original)
- Dimensions (digital, pixels)
- General Technical Information
- Notes (internal usage)

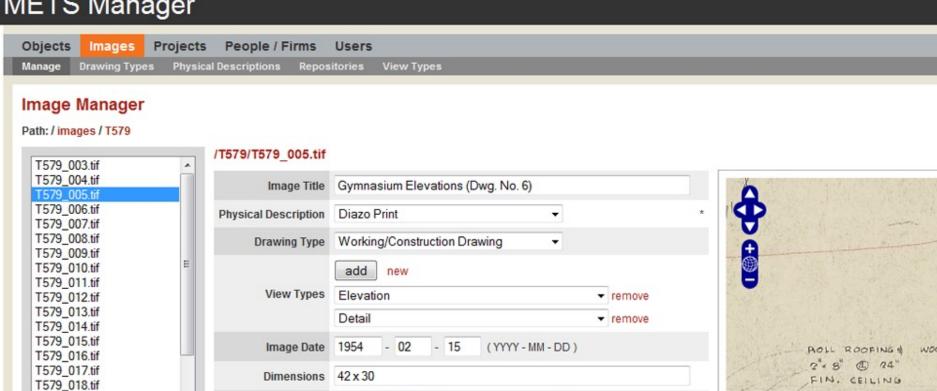


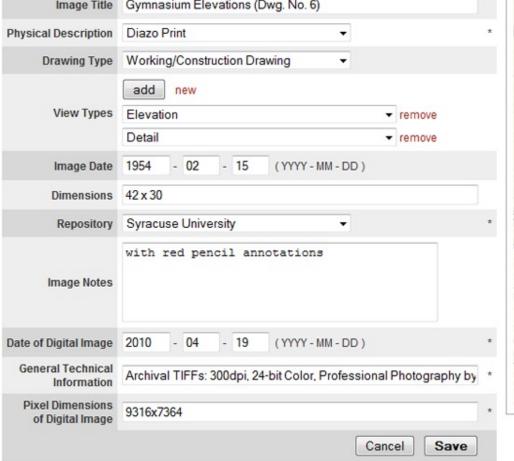
SYRACUSE UNIVERSITY LIBRARY

T579_019.tif

T579_020.tif TE70 021 tif

METS Manager





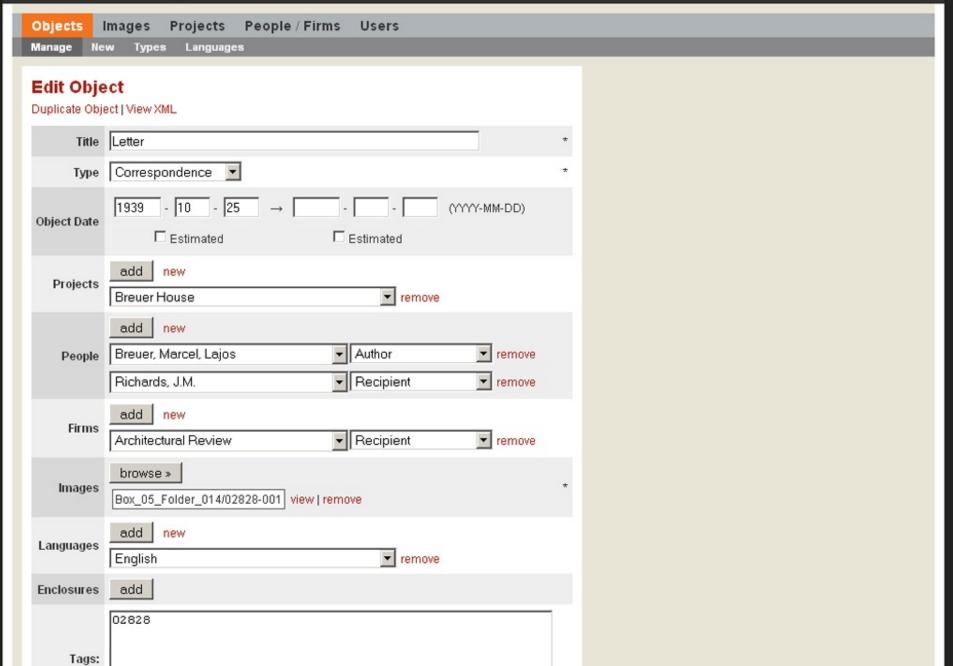
LAMINATED WOOD A

METS DB: Objects

- Title
- Type
- Date
- Projects
- People / Firms
- Images
- Languages
- Enclosures (Objects inside of objects!)
- Tags (temporary, internal usage)
- Notes (internal usage)



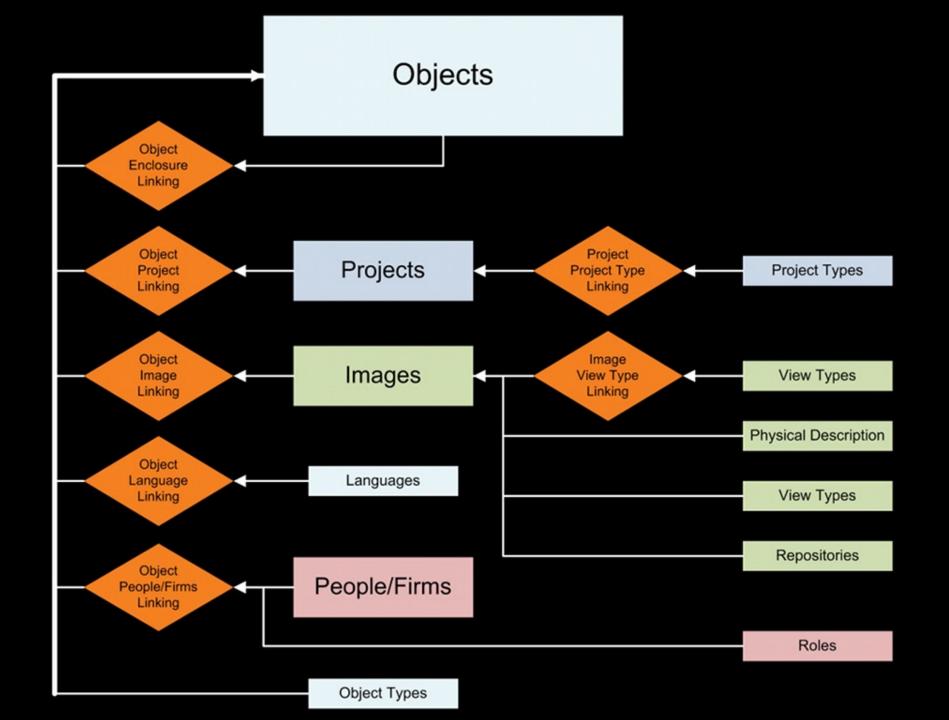
METS Manager



METS Database Diagram







Example XML Export (schema still being decided on)





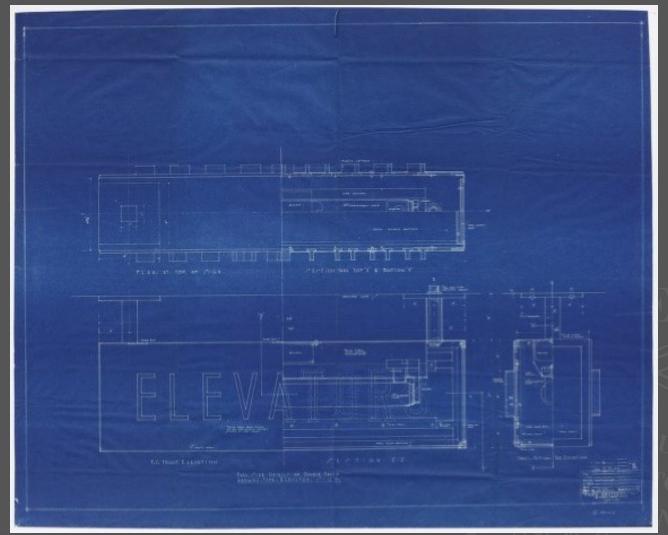
```
<mets:mets xmlns:dc="http://purl.org/dc/elements/1.1/" xmlns:xs="http://www.w3.org/2001/XMLSchema"
     xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xlink="http://www.w3.org/1999/xlink"
     xmlns:mets="http://www.loc.gov/METS/"
     xsi:schemaLocation="http://www.loc.gov/METS/ http://www.loc.gov/standards/mets/mets.xsd"
     OBJID="3587" LABEL="Baseball Stadium at Cartagena, Colombia (drawing) 1947" TYPE="image">
     <mets:metsHdr CREATEDATE="2010-12-15T12:00:00.000-07:00"</pre>
8
        LASTMODDATE="2010-12-15T12:00:00.000-07:00" RECORDSTATUS="NEW">
9
        <mets:agent ROLE="EDITOR" TYPE="ORGANIZATION">
10
            <mets:name>Syracuse University Library</mets:name>
11
        </mets:agent>
12
     </mets:metsHdr>
     <mets:dmdSec ID="dmd1">
13
14
        <mets:mdWrap MIMETYPE="text/xml" MDTYPE="DC" LABEL="DC">
15
           <mets:xmlData>
16
              <dc:identifier>3587</dc:identifier>
               <dc:title>Baseball Stadium at Cartagena, Colombia (drawing)</dc:title>
17
18
              <dc:creator>Solano, Gabriel</dc:creator>
              <dc:creator>Gaitan Cortes, Jorge</dc:creator>
19
20
              <dc:creator>Ortega, Alvaro</dc:creator>
21
              <dc:date>1947</dc:date>
22
              <dc:subject>Professional Papers</dc:subject>
23
              <dc:type>Photograph</dc:type>
              <dc:rights>[Rights Statement]</dc:rights>
24
25
              <dc:language>Spanish</dc:language>
26
              <dc:description>[object:project + object:people + object:firms +
27
                  object:notes] </do:description>
           </mets:xmlData>
28
29
        </mets:mdWrap>
     </mets:dmdSec>
30
31
     <mets:dmdSec ID="ead">
32
        <mets:mdRef LOCTYPE="URL" MDTYPE="EAD" LABEL="Baseball Stadium at Cartagena, Colombia (drawing)"</pre>
33
           xlink:href="[URL of POSTED EAD FILE]"/>
34
     </mets:dmdSec>
35
     <mets:fileSec>
36
        <mets:fileGrp USE="thumbnail image">
37
            <mets:file ID="fid1" GROUPID="grp1" SIZE="125x103" MIMETYPE="image/jpeg">
38
               <mets:FLocat LOCTYPE="URL" xlink:href="http://xtf.syr.edu/thumbnails/Box 16 Folder 016/00964-001.jpg" xlink:role="thumb
39
           </mets:file>
        </mets:fileGrp>
40
41
        <mets:fileGrp USE="reference image">
            <mets:file ID="fid2" GROUPID="grp1" SIZE="6253x5153" MIMETYPE="image/jpeg">
42
              <mets:FLocat LOCTYPE="URL" xlink:href="http://xtf.syr.edu/jpeg2000/Box 16 Folder 016/00964-001.jp2" xlink:role="access"
43
44
           </mets:file>
        </mets:fileGrp>
45
46
     </mets:fileSec>
47
     <mets:structMap>
        <mets:div DMDID="dmd1" LABEL="Baseball Stadium at Cartagena, Colombia (drawing) 1947">
48
49
           <mets:div LABEL="page 1"> <mets:div TYPE="thumbnail image">
                                                                                                  <mets:fptr FILEID="fid1"/>
50
     </mets:structMap>
51 </mets:mets>
```

<?xml version="1.0" encoding="UTF-8"?>

Djatoka Image Server

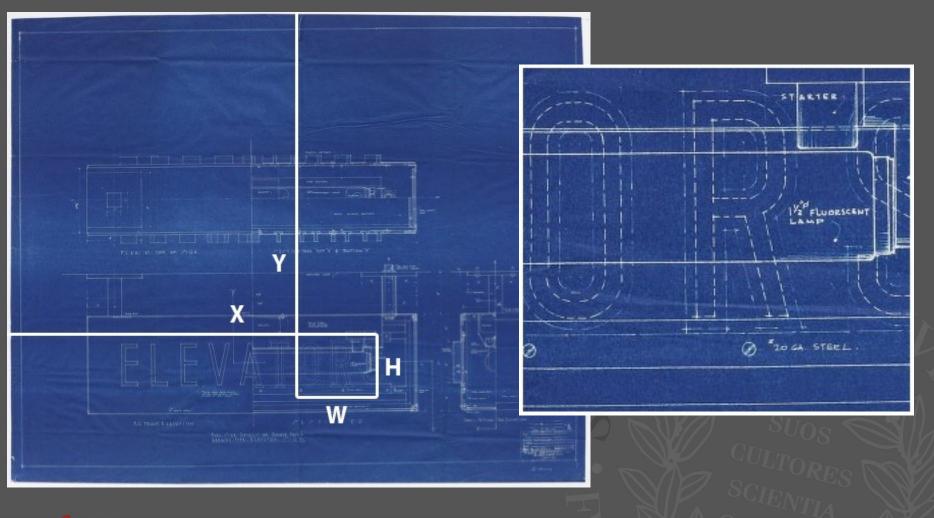
- Tomcat (Java)
- Free, open source, GNU Licensed
 - Los Alamos National Laboratory, Research Library
- Consumes multi-resolution images
 - JPEG2000, MrSID, Pyramid TIFF
- Outputs lower resolution, compressed images
 - PNG, JPEG, GIF, etc...
- OpenURL interface
- Server-side cache support













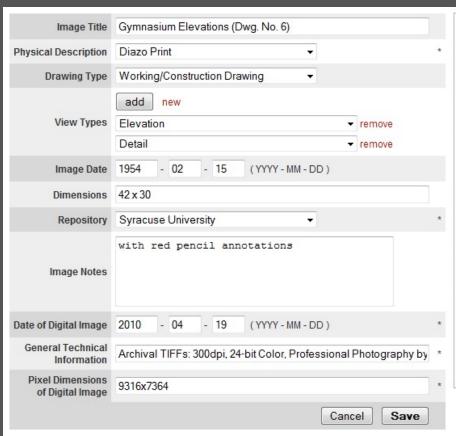
```
http://[server]/adore-djatoka/resolver
?url_ver=Z39.88-2004
&rft_id=[JPEG2000 File]
&svc_id=info:lanl-repo/svc/getRegion
&svc_val_fmt=info:ofi/fmt:kev:mtx:jpeg2000
&svc.format=image/jpeg
&svc.level=3
&svc.rotate=0
&svc.region=[Y],[X],[H],[W]
```

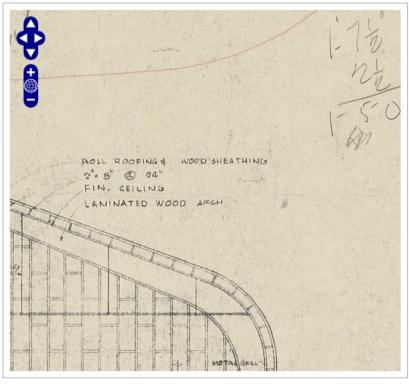


```
http://tomcat-server:8080/adore-djatoka/resolver
?url_ver=Z39.88-2004
&rft_id=/jp2k/blueprint_sign_elevators.jp2
&svc_id=info:lanl-repo/svc/getRegion
&svc_val_fmt=info:ofi/fmt:kev:mtx:jpeg2000
&svc.format=image/jpeg
&svc.level=3
&svc.rotate=0
&svc.region=5160,4656,257,290
```



Djatoka: OpenLayers Plugin







Djatoka: OpenLayers Plugin

- AJAX (Asynchronous JavaScript and XML)
- Browser agnostic, no 3rd party plugins
- Automates openURLs to create tiled maps of smaller, lower quality images
- Google-map-like zoom and scroll
- Simple, easily customizable



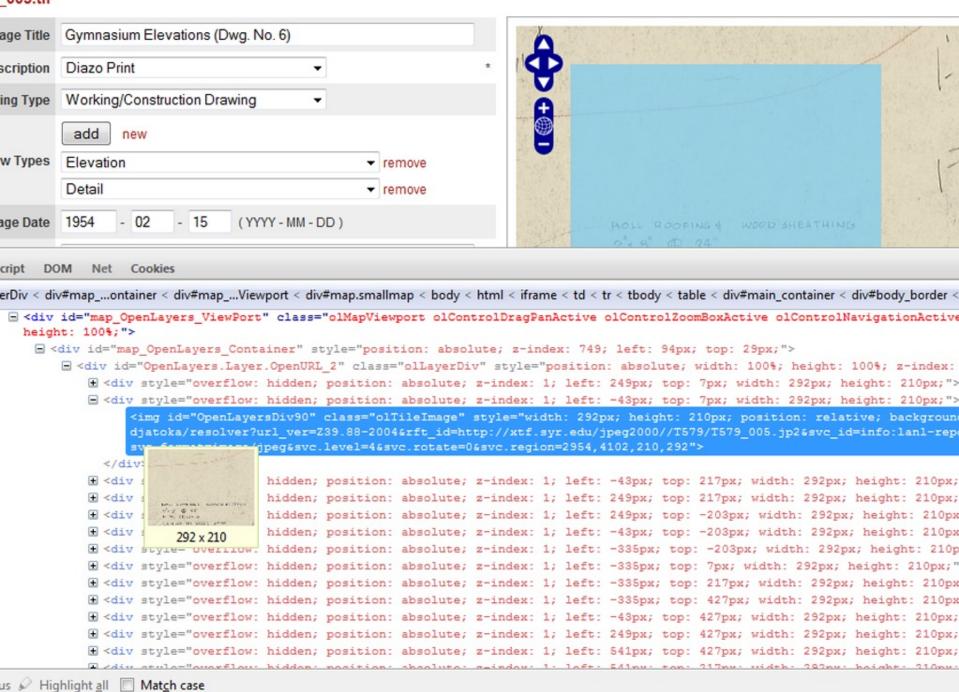
Djatoka: OpenLayers Plugin

 Example of Dynamically Generated Image Map Grid HTML Source Code (via: Firebug Inspector)





us 🔊 Highlight all



eXtensible Text Framework (XTF)

- Tomcat (Java)
- Free, open source, Apache/BSD/MPL licensed
 - University of California, California Digital Library
- Indexes numerous document types:
 - XML, HTML, Word, PDF, TXT...
- Indexer is customizable (XSLT)
- Interface is customizable (XSLT, CSS, HTML)



XTF: Features

- Facets
- Boolean, wildcards, exact phrases
- Structure-aware searching
- Subscribe to search results (RSS)
- Book bags
- Spell checker
- Suggestions
- Book reader



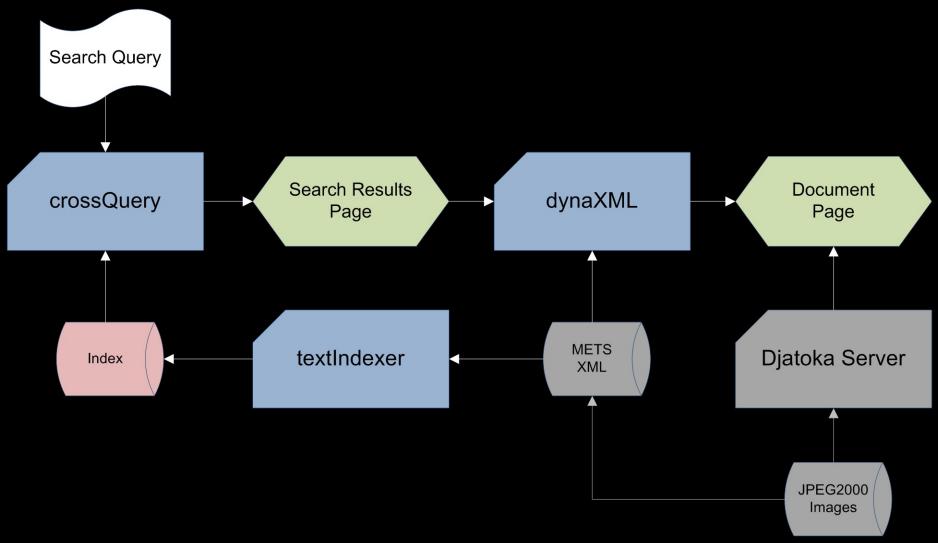
XTF: System Overview

Four Sub-Systems:

- crossQuery: Front-end search interface
- dynaXML: Item level viewer
- Text Engine: Search engine
- Indexer: Lucene based text indexer



XTF: System Overview





Credits

Advisory Board

- Barry Bergdoll
 Historian (MoMA & Columbia)
- Jean-François Bédard Historian (SU)
- Isabelle Hyman Historian (NYU)
- Jonathan Massey Historian (SU)
- Barbara Opar Librarian (SU)
- Sean Quimby Director, Special Collections (SU)
- Suzanne ThorinDean of Libraries (SU)

Syracuse University Library Staff

- Michele Combs
 Head of Manuscripts Processing
- Kevin Dames

Copyright Adviser

- Michael Dermody
 Project Archivist
- Teresa Harris

 Project Coordinator
- Susan Kline

Project Archivist

- Jeremy Morgan
 Information Technology Analyst
- Sean QuimbyDirector of Special Collections
- Peter Verheyen

Head of Preservation

Digitization

Hudson Microimaging

METS Consultant

■ Terry Catapano

Columbia University

Web Designer

■ Flat, Inc.

