# Time-Based Media Use Cases in an Integrated Access Environment, or …

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# Should Columbia implement Avalon?

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# Columbia Use Cases

- Support scholars and researchers using Columbia's archival & special collections
- Be able to accept and provide access to archival/special collections *responsibly*
- *Future?*
  - provide collection-based instructional support
  - provide learning object preservation and access

# Columbia Libraries A/V Sources

*Content from:*

- "hybrid" archival collections
- born-digital archival collections
- new (and ongoing) born-digital oral history projects
- preservation-driven digitization projects
- video from obsolete course-related projects
- surprise "delivered digital" content
- *possibly* -- faculty collections (e.g., ethnographic recordings)
- Columbia Lions football games (no, just kidding)

# Sample A/V Content

- Digitized analog oral history audio tapes (1200 hours and counting)
- Ongoing born-digital oral history audio, video (thousands of hours)
- Columbia Dupont Video Awards archive (2000 hours)
- Theodore Conant history Korean films (hundreds of hours)
- Ford International Fellowships Program Archive Audio and Video (hundreds of hours)
- Composers Forum audio (600 hours)
- Amiri Baraka audio and video (dozens of hours)

# *Also ….*

… New York City Opera, Prokofiev Archive, Ditson Archive, Hudson Guild, Reiner Audio, Shapiro Lectures, Tibet Information Network audio, Jack Agueros audio, Creative Music Studio Archive audio, Wiener Foundation Archive audio, Zuckerman Archive video, Columbia Speech Lab Archive, patron orders, etc. etc. etc. etc. etc.

# All well preserved in our replicated preservation storage environment, but …

- … many disparate file formats
- … no access
- … no reliable, Columbia-based streaming capacity
- … spotty metadata
- … unclear rights

# *So Columbia Needs to Implement …*

- robust multiformat transcoding support
- production streaming media capacity
- ingest workflows optimized for time-based media
- full-featured browser-based displays
- *future:* transcription display / content indexing

# But we also want …

- a single Fedora, Hydra, Blacklight, SOLR stack to the extent feasible
- a standard application of MODS w/ extensions
- staff use of our new configurable MODS-based metadata system (*Hyacinth*) for most metadata creation and management
- a minimum number of specialized applications and services
- ***an integrated discovery environment***

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# Our new Integrated Digital Library Collections Portal / Discovery Environment (DLC)

- Fedora, Hydra, Blacklight, SOLR, JPEG2000, OpenSeaDragon, IIIF
- standard MODS, with defined extensions
- selective use of METS structure maps
- gradual ingest of all earlier collections
- gateway to trusted digital repository (APTrust)
- platform for all new digital collections and, eventually, exhibitions
- ***will include all media types***

# New Columbia Digital Collections Portal (click to access)

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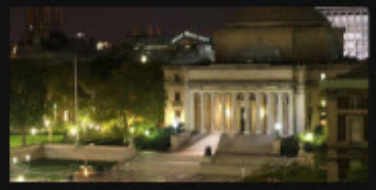

LIBRARIES

DIGITAL LIBRARY COLLECTIONS BETA

All Fields ▾ | Start a new search... | Search

PUBLIC BETA RELEASE

Welcome to the beta release of Columbia's Digital Library Collections (DLC) system. We we would like to encourage your input to help us improve this site! Please make sure to use the Suggestions & Feedback link found at the bottom of each page. We are still in the process of moving existing projects into this system so that all of the content will ultimately be searchable within the DLC. More »

FEATURED

More than 1400 photographs from the Community Service Society Records collection are now available in the DLC, offering a view of pressing social issues of late 19th- and early 20th-century New York. View this content »

LEARN MORE ABOUT THE DLC »

PROJECTS | NAMES | FORMATS | LIBRARY LOCATIONS

1968: Columbia in Crisis
More Information
View Project Site

APIS: Advanced Papyrological Information System
More Information
View Project Site

Avery's Architectural Ephemera Collections
More Information
Browse Content
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Avery's Architectural Novelties
More Information
Browse Content
View Project Site

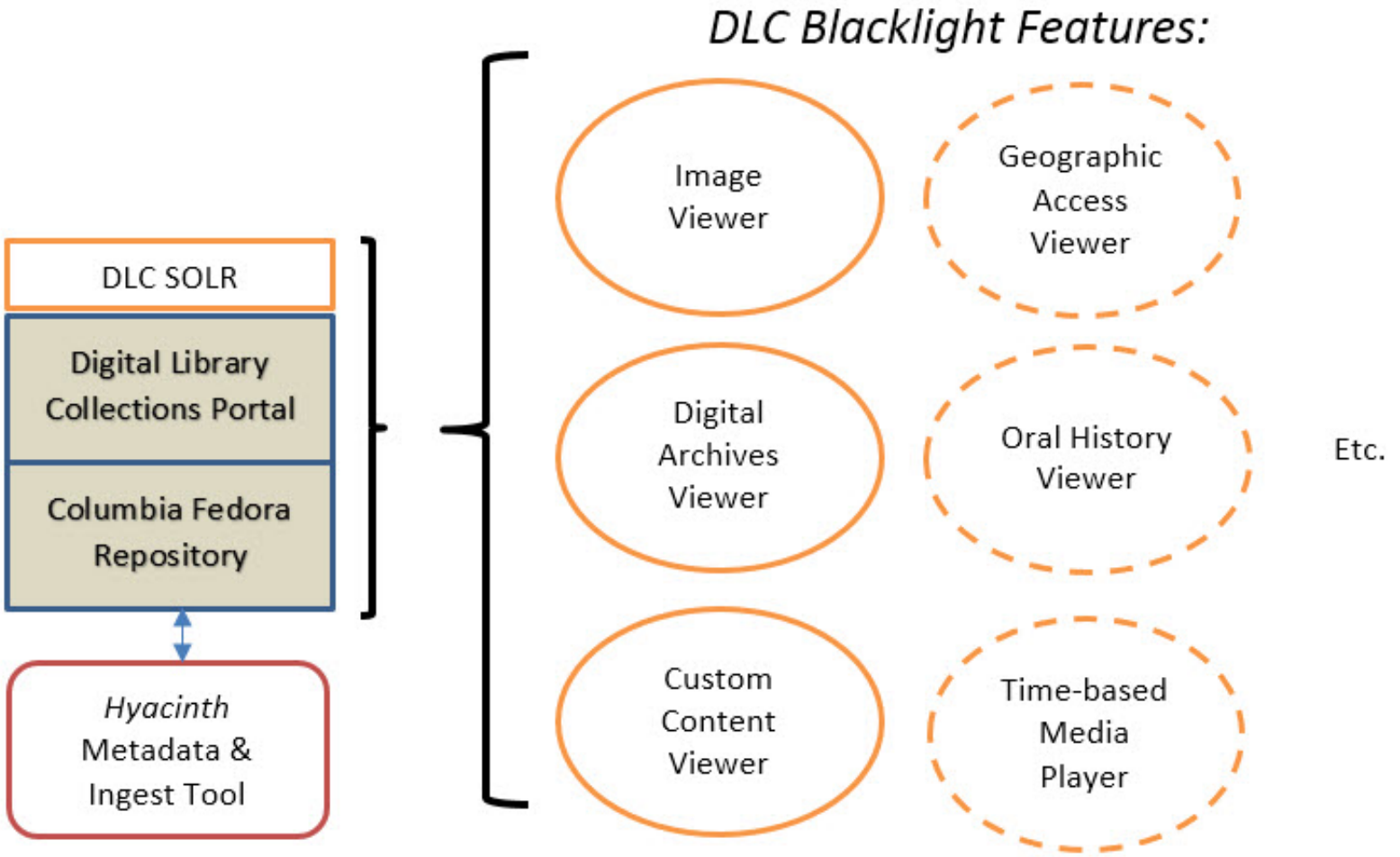
Barbara Curtis Adachi Bunraku Collection
More Information
View Project Site

Barney Rosset and China
More Information
View Project Site

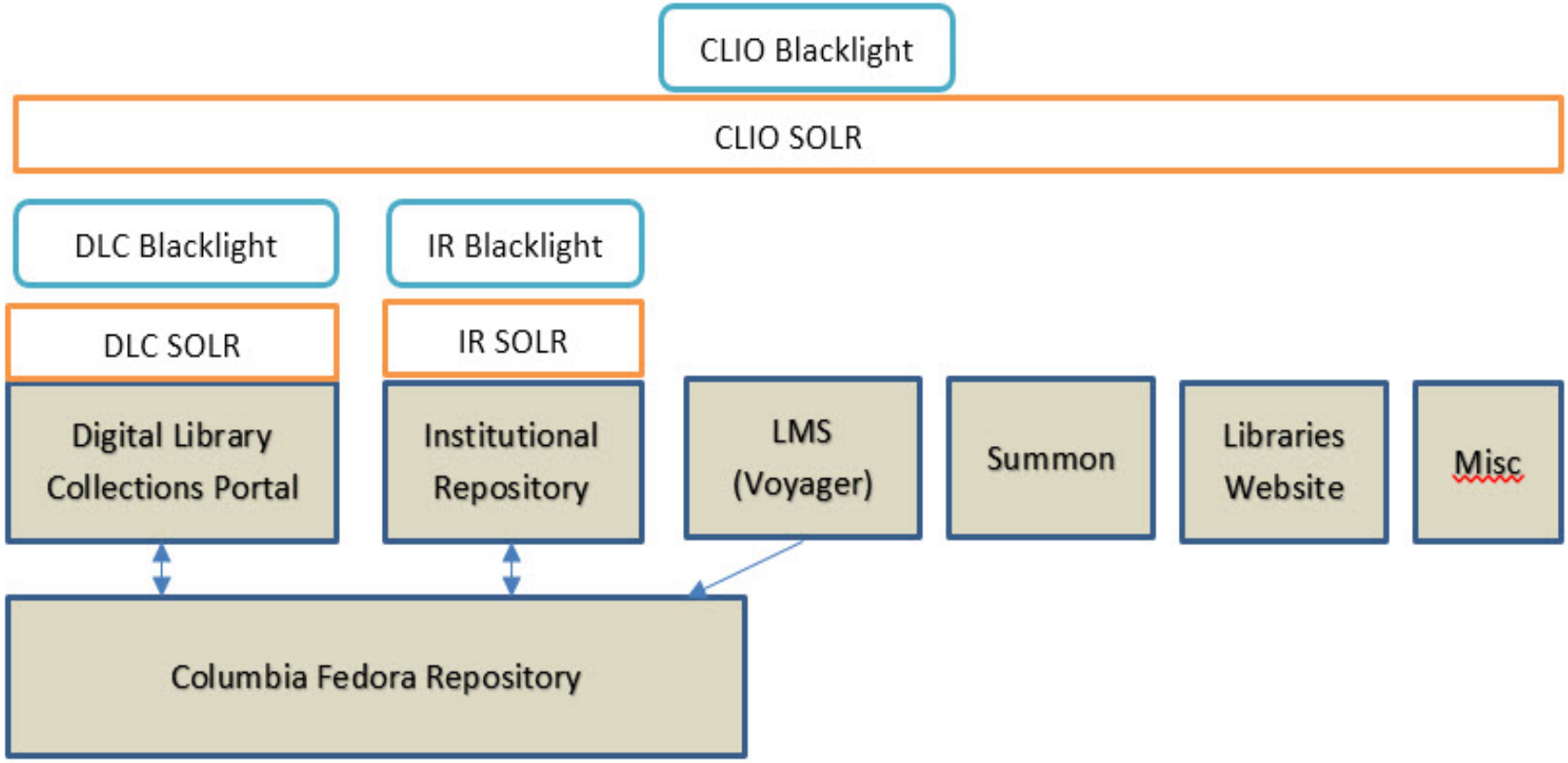
Biggert Collection of Architectural Vignettes on Commercial Stationery
More Information
Browse Content

Books
More Information
View Project Site

# Columbia University Libraries Digital Library Collections Portal



# Columbia University Libraries Integrated User Access System (Spectrum Project)



# Where Does Avalon Fit In?

*To find out, we will:*

- Implement Wowza streaming media server as an interim multimedia delivery system
- Conduct an Avalon pilot with key internal stakeholders (Nov-Dec)
- Investigate possible integration scenarios
- Talk with Avalon development team about roadmap and options

*Decide on our options (2015 Q2)!*