Yale
The Path to Unified Discovery: Past, Present and Future

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Ivies+ Discovery Day 2016
Massachusetts Institute of Technology
The Present:

Single search box on the Library Front Door

Separate interfaces still maintained for each of these

Emphasis on accessibility for all discovery interfaces
The Present:

Integrated searching of:

- catalogs (main and Law) (Books+)
- licensed e-resources (Articles+)
- digital collections (Digital Collections)

Quicksearch

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alice in wonderland
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**Books+**

- Alice in Wonderland
  - Creator: Carroll, Lewis, 1832-1898
  - Location: LSF: Contact musiclibrary@yale.edu for use in Music Library >> Decca DLP 5010
  - Format: Audio

- Alice in Wonderland
  - Creator: Tobias, Charles, 1898-1970
  - Published: New York : L. fest, 1953
  - Location: LSF: BEINECKE >> Shirley 4999
  - Location: LSF: BEINECKE >> 2016-156
  - Format: Notated Music

- Alice in Wonderland
  - Published: Rovereto, Italy] : MART, Milano : Electa, 2012
  - Location: HASS ARTS LIBRARY Art & Arch Collection (7-Day Circ) >> FXT719 A45 245 2011 (LC) Oversize
  - Format: Books

**Articles+**

- Alice in Wonderland
  - Author: Anderson, M
  - Citation: TEMPO, 7/2015, ISSN: 0040-2882, Volume 69, Issue 1, p. 36
  - Format: Journal Article: Full Text Available

- Alice in Wonderland
  - Author: Susina, Jan
  - Citation: Marvels & Tales, 4/6/2011, ISSN: 1537-4281, Volume 25, Issue 3, p. 181
  - Format: Journal Article: Full Text Available

- Alice in Wonderland
  - Author: Susina, Jan
  - Citation: Marvels & Tales, 4/6/2011, ISSN: 1537-4281, Volume 25, Issue 3, p. 181
  - Format: Journal Article: Full Text Available

- Alice in Wonderland: Alice Weeping
  - Creator: Robinson, Charles, 1870-1937
  - Created: 1977
  - Digital Collection:
Looking back and looking ahead:

- Technical requirements/setup to making unified search a reality
- Downstream impact on other systems
- Resources required to get it done!
The Past: 2012 to 2013

CTO Michael Dula joins Library IT, begins championing the Hydra/Fedora model

Work on Findit (Blacklight interface for digital collections) begins

New Systems Programmer hired

New IT Project Manager for Digital Collections hired

Yale becomes a Hydra partner—“If you want to go fast, go alone. If you want to go far, go together.”
The Past: 2012 to 2013

Yale meets with Columbia to discuss sharing code for Columbia’s Blacklight-powered unified search, Clio

Clio integrates Voyager catalog, Summon 1.0 e-resources (and many more data sources)

Yale licenses the 360 Suite (360 Core KB, 360Link OpenURL resolver, Summon 1.0 web scale discovery service)
The Past: 2012 to 2013

YUL’s E-resource team brings the 360 Core knowledge base online, while maintaining SFX, Yale’s existing knowledge base.

The pieces are in falling into place to bring Yale’s catalogs and licensed e-resources together under one Blacklight-powered discovery interface.
The Past: 2014

A metadata sprint at the beginning of 2014 kicks off the work of mapping and Yale catalog data (and local/legacy cataloging policy) to the Clio setup.

A new Programmer Analyst is hired who will deal chiefly with digital object ingest from legacy collections into Findit.

Work on the Findit Blacklight interface continues.

Work on the 360Core knowledge base continues.
A focus group comprised of Yale researchers delivers recommendations on how to present digitized archival material - this is the beginning of a new archival UI for Findit.

Quicksearch (beta), the new library unified search powered by Blacklight and the Clio codebase, is demoed and approved at the Yale Library Executive Council.

Summon 1.0 is upgraded to Summon 2.0 and branded as Articles+
The Past:
2014

Following the Articles+ upgrade, the Library officially migrates from the SFX knowledgebase and link resolver to 360 Core and 360 Link.

Quicksearch (beta) is steadily released to larger groups of Library staff for testing

Work on Findit interface and legacy digital collections ingest continues

Summon 1.0 is upgraded to Summon 2.0 and branded as Articles+
The Past:
2014

Yale University Library officially retires Metalib (federated search of databases) and the database A-Z list moves to Libguides.

Staff continue to test and evaluate Quicksearch beta.

Work on Findit interface and legacy digital collections ingest continues.
The Past: 2015

Quicksearch beta debuts as a link on the library homepage, as well as linked from both Orbis and Morris catalogs.

A new UI Programmer is hired who will deal with optimizing the Findit interface and bringing it into alignment with the Quicksearch design.

After several outreach events before and during the start of the fall 2015 semester, Library staff begin to include Quicksearch in their reference and instruction work.
The Past:
2015

Staff testing begins for the new digital archival collections UI
The Past:
2016

Quicksearch finally becomes a full production interface, occupying a single search box on the Library Front Door!

Digital Collections (Findit) relaunches with a new design and a new UI for digital archival collections

Digital Collections (Findit) is added to Quicksearch as a data source
The Future!

Upgrades to Blacklight/re-alignment with Columbia code

New database A-Z list in Quicksearch

Enhancements to Articles+ display in Quicksearch

Work on legacy digital collections ingest continues to continue
The Future!

Spotlight - come to **Spotlight on Spotlight** August 9th!

GeoBlacklight implementation

Avalon pilot

Research data integration
The Future!

More Quicksearch data sources?

Library web site

EliScholar (Digital Commons)

ArchivesSpace

LibGuides
To sum up:

Over the past 4 years…

Became a Hydra partner

Added 4 Library IT staff who deal primarily or totally with Hydra/Fedora work

Migrated all E-resource systems completely to ProQuest

Re-focused development and design process on user data (qualitative and quantitative) and testing
To sum up:

Approximately 430,000 digital objects now searchable in Digital Collections (Findit)

15 legacy digital collections (and 1 archival collection) now united in Findit

Moved from many disparate repository and discovery systems to... less!

Images credit: Dula, Michael. "Digital Repository Development at Yale University Library", CNI December 2014
The systems discussed...

Unified searching:
From the library home page-
http://web.library.yale.edu

Landing page for Quicksearch-
http://search.library.yale.edu

United under Quicksearch:
Orbis and Morris (Yale catalogs)
http://orbis.library.yale.edu  http://morris.law.yale.edu

Articles+
http://yale.summon.serialssolutions.com

Digital Collections (Findit)
http://findit.library.yale.edu
Further reading…

Keep up on our work!

Yale Hydra News

Quicksearch Project blog

Library IT Newsletter and archive

Attend Spotlight on Spotlight at Yale!

References for this presentation:

Yale becomes 18th Hydra Partner

Hydra/Fedora Repository | Yale University Library

Digital Repository Development at Yale University Library
Thank you!

Jenn Nolte
Emerging Digital Services Analyst
Library IT
Yale University Library