‘Summon’-ing Music: A Discovery Tool Journey

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Today’s Discovery Landscape: An overview

vufio
The library OPAC meets Web 2.0!

WorldCat® Local
The one search box that does it all

ExLibris Primo

Encore

AquaBrowser Library
search, discover, refine.

Summon
Web-Scale Discovery
One search box, your library discovered.
Discovery Options: Major Classes

- OPAC (& databases)
- Next-Gen Catalogs
- Federated Search
- Web-Scale Discovery

**OPAC**

- “Local” content
  - But libraries have been adding records for purchased and subscription e-content for some time.
- Exception: article content usually found in databases (IIMP, Music Index, RILM, etc.)
Next-Gen Catalogs

- Content similar to local OPAC. May be easier to incorporate digital repositories and e-content.

Examples:
- AquaBrowser
- Primo
- Blacklight
- Endeca
- Encore
- VUFind

Federated Search

- Broadcasts your search to a variety of databases, can include the library catalog

Examples:
- WebFeat
- 360 Search
- dbWiz
Web-Scale Discovery

- Interface similar to next-gen catalogs
- Catalog content + articles
- Metadata ingested into the discovery tool
  - don’t broadcast searches
  - don’t necessarily extract metadata from databases.
  - most of Summon’s metadata comes from publishers.
- Examples:
  - Serials Solutions Summon
  - EBSCO Discovery Service
  - Primo Central (Ex Libris)
  - Encore Synergy (III)
  - WorldCat Local
Summon

- Hosted, web-scale discovery service from Serials Solutions
- Summon’s central “cloud” index:
  - 500 million+ items
  - From 94,000+ journal and periodical titles
  - Content comes from 6,800+ publishers
- Your local content:
  - Library catalog
  - Other local repositories (digital collections, etc.)

Summon’s Central Index

Number of Records

- Average Catalog
- Library of Congress
- PubMed
- Summon

Source: Serials Solutions
Summon

- Relatively new product – constantly changing, (usually) for the better
- Serials Solutions seems reluctant to take the time to write much documentation - perhaps they are waiting for it to stabilize
- Many libraries are implementing
- Disclaimer: This presentation is accurate as of now …

Searching

- Keyword search only
- No alphabetic/browse search
The AutoComplete is pulled from a compilation of open access and crowd-source content. Here is a list of the major resources that make up the AutoComplete feature:

- ArXiv
- CrunchBase
- Infochimps
- Internet Movie Database
- Library of Congress [note-this is apparently NOT the LCNAF]
- MedPedia
- MusicBrainz
- Open Library
- PubMed Central
- SkyGrid
- Wikipedia

Source: July 28, 2010 email from Andrew Nagy to Summon Clients listserv
Advanced search still fairly basic

- Geared towards articles
- Intent is for user to refine after conducting the initial search

Sample Indexes

- Abstract
- Author
- ContentType
- CorporateAuthor
- DEWEY
- DocumentTitleAlternate
- DOI
- EAN
- Edition
- Genre
- GeographicLocations
- ISBN
- ISSN
- Issue
- Language
- LCCallNum
- LCCN
- Library
- MeetingName
- Notes
- OCLC
- Publisher
- PublicationDate
- PublicationPlace
- PublicationSeriesTitle
- PublicationSeriesTitleAlternate
- PublicationTitle
- RelatedCompanies
- RelatedPersons
- RestrictionsOnAccess
- Source
- SubjectTerms
- Subtitle
- TableOfContents
- TemporalSubjectTerms
- Title
- TitleCombined
- Volume

From East Carolina University’s Summon instance
Searching Specific Indexes

Mozart's works, published by Henle

MARC Mapping
“Cool” Features

Print, RSS feed

Number of results

Call #, availability

Icon showing format

Save /email results

Preview

ECU Libraries
No item-level view

More “Cool” Features

- Easily share links to search results
- Some book jackets (including scores CD/DVD covers) included; can incorporate more from Syndetics Solutions, etc.
- Mobile interface
Refine Your Search: Content Type

Content Type

- Any
- Newspaper Article (136,435)
- Journal Article (29,872)
- Audio Recording (3,576)
- Thesis/Dissertation (1,531)
- Music Score (538)
- Book (365)

more options

These should be scores...

Problem: bad data in our catalog content - incorrect Type code (Leader/006)
Problem: bad MARC mapping

Should be:

- 008(26) = i AND Leader(06) = m
- 008(26) = j AND Leader(06) = m
Slider geared towards article content – all pre-2002 items grouped together
- You can type in any date
- Based off of publication date, so you can’t use it to find, for example, 18th century music

Facets – Subject Terms
- LCSH
- Other subject terms, from article indexing
Facets – Library Location

- **Locations determined by your MARC Mapping spreadsheet**

Facets – Language

- **“Language”** for catalog items includes program notes, libretti, translations, etc. [if you accept default MARC mapping of MARC Lang & 041]
- **Non-language content aspect [zxx] is ignored by this facet**
Nara L. Newcomer
“Summon’ing Music: A Discovery Tool Journey”

Additional Facets

- Author
- Genre
- Region
- Time Period

Top 100 authors in results set

Author

(any)

beethoven, ludwig van (1,148)

mozart, wolfgang amadeus (1,194)

brahms, johannes (117)

bach, johann sebastian (96)

schubert, franz (94)

schumann, robert (83)

more options
Subject-based facets

- **Subject Terms**
  - Any
  - sonatas (275)
  - 1772-1827 (238)
  - beethoven, ludwig van (236)
  - symphonies (215)
  - concertos (210)
  - piano music (201)
  - more options

- **Genre**
  - Any
  - scores (155)
  - excerpts (124)
  - scores and parts (45)
  - electronic books (45)
  - biography (44)
  - musical settings (32)
  - more options

- **Region**
  - Any
  - austria (30)
  - united states (22)
  - germany (19)
  - italy (17)
  - france (9)
  - vienna (austria) (3)
  - more options

- **Time Period**
  - Any
  - 1770-1827 (177)
  - 1801-1827 (66)
  - 19th century (34)
  - 1759-1865 (28)
  - 18th century (24)
  - 19th century (23)

Splitting up LCSH strings

- **Popular music – Ghana – 1981-1990**
  - Subject term
  - Region
  - Time period

- **Musicals – Excerpts – Vocal scores with piano**
  - Subject term
  - Genre
  - Genre

- **Copland, Aaron, 1900-1910 – Bibliography**
  - Subject Term
  - Time period
  - Genre
“Summon’-ing Music: A Discovery Tool Journey”

Time Period Facet

Search: beethoven

- Beethoven’s birth/death dates (one with period, one without)
- Friedrich Schiller’s birth and death dates

Chronological subdivisions from subject headings

Time Period FACET

Search: audio recordings in the library catalog

Temporal Subject Terms

- Chronological subdivisions from subject headings

- Beethoven’s birth/death dates (one with period, one without)
- Friedrich Schiller’s birth and death dates

Search: audio recordings in the library catalog
Beyond the Catalog: articles and more

Naxos Music Library

Currently labeled as “citation online”
Hathi Trust

- Digital repository
- Includes over 1.4 million public domain items
- Scores and music books are included

Fifty selected songs / Johannes Brahms

Author: Brahms, Johannes
Date: 1887
Subjects: Songs (Low voice) with piano
Availability: Full Text Online

ECU Libraries

Search Results: Your search for returned 453,418,126 results

Examining Sports Development

Author: Melina, J and Williams, C
Date: 2009-05-21
Subjects: Sports, Exercise Science, and Physical Education
 Availability: Open Access

The Mumbai Attacks: Does Amir Kasab Deserve a Free and Fair Trial?

Author: Mehta, J and Acharya, R
Date: 2009
Subjects: Mumbai, India, Terrorism, Criminal justice, Trials
 Availability: Full Text Online

Criminal justice and behavior

Corporate Author: American Association for Correctional Psychologists
ISBN: 099985684 Date: 102010
Subjects: Psychology, Criminal psychology, Criminal justice
 Availability: Full Text Online
How does Summon compare?:
- ECU Library catalog
- International Index to Music Periodicals
- Music Index
- RILM Abstracts
- JSTOR

Sample search: Robert Noehren
- Also: “Robert Noehren” OR “Noehren, Robert”

Added results beyond my library’s collection
- 229 results (with quotes: 124)
  - 101 Newspaper Article
  - 63 Journal Article
  - 58 Audio Recording
  - 4 Thesis/Dissertation
  - 2 Patent
  - 1 Book
  - 1 Book Review

Includes results for engineer Robert E. Noehren
ECU Library Catalog

- 7 results (with quotes: 7)
  - 1 book
  - 6 audio recordings
- The additional audio recordings Summon found are from Naxos Music Library

International Index to Music Periodicals

- 119 results (with quotes: 107)
- Including passing mentions, due to full-text searching
- Excerpt from article found by IIMP, but not Summon.
  - “I recall Robert Noehren telling me that he believed that Farnam at times played in too detached a manner! How to compare Noehren's playing with the other two is difficult at this point. I recall Noehren leaning to the legato style, however”

- Summon indexes this article, but only citation & abstract
Music Index

- 40 results (with quotes: 40)
- All very directly related to him – no passing mentions

RILM

- 18 results (with quotes: 6)
  - 10 Journals
  - 1 Book
  - 1 Chapter/Essay
  - 6 Other
JSTOR

- 84 (with quotes: 60)
- Like IIMP, finds more due to full-text searching
- Almost all results are within music subject area

Summary

- Summon: 229
- Library catalog: 7 (1 book, 6 audio recordings)
- IIMP: 119
- JSTOR: 84
- Music Index: 40
- RILM: 18
- Summon provides the broadest sampling, but no source provides a 100% comprehensive search
Summon Weaknesses

- Lacks alphabetic/browse searching
- Lacks item level display
- Odd/confusing splitting of subject headings
- It is still developing
- Not the 100% comprehensive search it often claims to be

Summon Strengths

- Filtering and sorting results
- Features - email, print, link to results, RSS feeds, mobile interface
- Article content
- Getting an overview of “what’s out there”
- Finding an wide variety of results in various formats in one search
- Interdisciplinary topics