

Searching for sound: Technical Implementation Overview



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Berklee technology background

- Two separate ILSs
 - EDS will help us work around this fact
- Team of three technical staff members + Kyle Shockey
 - Expertise in coding, web design, system administration, and project management
- First time Berklee was using a
 - discovery layer
 - Previously only had federated search, which was retired by vendor
 - EDS will bring back the ability for a single electronic resource search
 - link resolver
 - Z39.50 server
- Both organizations had proxy servers
- Both organizations were EBSCO customers

Doing things twice: Setting up

- Most discovery layer steps had to be done once for each catalog and library
 - Mapping the holdings data in bib records
 - Setting up
 - Electronic resources and vendors
 - Initial MARC load
 - Real Time Availability Checking (RTAC)
 - Incremental MARC updates
 - Hold request rules
- A few things were only done for one library, for lack of time or not applicable
 - Full text holdings knowledgebase / link resolver
 - Libguides integration

Doing things twice: Testing

- We wanted to allow “guest access” to EDS searching results
 - But not paid content, e.g. full text articles
- Required that we do a 2nd round of EDS off-campus testing of resources
 - Main work office equipped with secondary “off-campus” test network
- Short 3rd round of off-campus testing done to test UI changes)

Web design and development work for EDS UI

- Changed look of discovery layer to match college's official branding
 - EDS was flexible for implementing custom theme
 - Mobile view cannot be customized; but is very functional
- Tested for accessibility
- Testing had to be done to make sure JS/HTML/CSS custom EDS code did not conflict with "Berklee theme" code


 Searching: **Discovery Service for BERKLEE COLLEGE OF MUSIC**

Keyword ▾

miles davis



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 Available in Library Collection

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Research Starter

Miles Davis.

 Miles Dewey Davis III was born in Alton, Illinois, to an affluent, middle-class African American family. Davis's father was a dental surgeon who moved... [More](#)

Salem Press Biographical Encyclopedia, 2016

Other Topics: [Davis Introduces Jazz-Rock Fusion.](#), [Davis Develops 1950's Cool Jazz.](#), [Cool Jazz.](#)

 1. [Miles Davis : the complete illustrated history / with Sonny Rollins, Bill Cosby, Herbie Hancock ... \[et al.\] ; photographs from the archives of Francis Wolff ... \[et al.\]](#)


Book

Minneapolis, Minn. : Voyageur Press, 2012. 223 p. : ill. (some col.) ; 29 cm. Language: English, Database: Berklee Library Catalog

Subjects: Jazz musicians -- United States -- Biography; **Davis, Miles**; **Davis, Miles** -- Pictorial works

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Berklee - Library Stacks	ML419.D38 M51 2012	Available

 2. [Miles Davis \[videorecording\] : that's what happened : live in Germany 1987 / Loft Music.](#)


By: Davis, Miles. [New York, N.Y.] : Eagle Eye Media, 2009. 1 videodisc (62 min.) : sd., col. ; 4 3/4 in. Language: English, Database: Berklee Library Catalog

Subjects: Jazz -- 1981-1990; Music videos; **Davis, Miles** -- Performances

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Proxy improvements

- Ultimate goal is to have a single proxy
- Issues to overcome
 - Two separate authentication systems
 - Two separate networks and separate outside IP addresses
 - Two sets of paid content; with some overlap
- Started to merge paid resources from both libraries
 - Some paid content has to remain segregated in the short term
- Modernized the look of proxy login screens

Next steps

- Closing open service requests with EBSCO & DB vendors
 - Metadata updates
 - Vendor issues
- Adding new databases that we need in EDS
 - Currently used but not available in EDS
 - Future Berklee purchases
- Additional proxy improvements
 - Continue merging content from the two libraries
- Setting up an ERM platform like CORAL
- Implementing a single ILS
 - Currently the two catalogs are not deduped in search results

Side benefits

- Process helped us find issues to fix or things to improve
 - Full text holding fixes
 - Library proxy fixes
 - Database A-Z list fixes
 - All my EBSCO URLs were wrong