

Duke University Libraries Discovery Landscape 2022

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Overview of our environment

- Bento-style All Search
 - QuickSearch (Ruby on Rails app built by NCSU)
 - Apache Nutch / Solr
- Books & Media Catalog
 - Aleph
 - Blacklight / Solr
 - Request system built in-house
- Article Search (Summon)
- Databases A-Z (Springshare)
- 360 Link / 360 Search
- EZProxy
- ILLiad / Aeon
- ArcLight (finding aids)
- Digital Repository & Data Repository
 - Blacklight
- Dspace

Current project: Upgrade Catalog User Interface

Rails 5 reached end-of-life in June 2022, which means it is time to upgrade our Catalog UI

Before upgrade

- Rails 5
- Blacklight 6
- Bootstrap 3

After upgrade

- Rails 6
- Blacklight 7
- Bootstrap 4

Catalog Upgrade Challenges

- Not a simple upgrade (10 weeks with 4 developers)
 - Blacklight API changes
 - Media breakpoints changed
 - Update to view components
 - Reimplementing our customizations
- Codebase managed at a consortial level with TRLN
 - Changes implemented in shared codebase in collaboration with partners
 - Customizations implemented locally at Duke
 - Coordination of changes at shared & local levels

Plans for the future

- Go live with FOLIO – Summer 2023
- Upgrade DSpace from version 6 to 7
- Upgrade ILLiad UI to version 9
- Upgrade Aeon UI to version 5