

This document brings together use cases and scenarios explored in various other discovery related avenues (e.g. Blacklight LD meeting, LD4P2 grant work, etc.).

Description	Source (LD4P2? Blacklight LD meeting?)/ User feedback	Data sources/ dependencies	Comments
Dashboard showing entity specific information. From search or browse or item view, user selects an entity and can see information consolidated in a manner similar to Wikipedia/Wikidata. The page allows triggering additional catalog searches (and possibly searches in related digital portals).	Our own design ideas. User feedback: For autosuggest, one user indicated they thought selecting a result would take them to a page about that entity.	Authorized heading strings mapped to URIs in multiple data sources, other digital collections, and back to related catalog entities.	Design work required for this area. Related work: Jessie Keck's proof of concept in Blacklight, Spotlight work, and design ideas from other entity-specific pages.
Browsing by subject areas: User can view and navigate subject area hierarchy/network and view related resources and information	LD4P2 Catalog subject terms don't always map to natural language terms.	Data sources: LCCN and LCSH/FAST connections	<i>Are there other subject categories?</i>
Browsing by author: User can view authors aggregated/classified according to some dimensions	LD4P2/ Production catalog	Data sources: LCNAF, Getty/ULAN?, Wikidata, Discogs	<i>We linked authors and relevant time periods but are there other connections/ Interactions? This may also tie into the entity page.</i>
Browsing by location: User can view locations on a map or select a location via	LD4P2		<i>Existing work/approaches in GeoBlacklight and geographical</i>

search and find related resource			<i>browsing could be repurposed</i>
Browsing by syllabus fields: User can view syllabus domains/fields - perhaps tied to subject areas in the catalog - and view resources	LD4P2		
Browsing by call number: User can view call numbers (preferably using their relationships/networks) and navigate the hierarchy to find resources	LD4P2/Production work	Data sources: Relationships within the call number hierarchy (LCCN linked data), relationships between LCCN and other subject classifications	<i>Substantial work done in production around call number browse.</i>
Browsing by time period: User wants to find authors, concepts, and resources relevant to a particular time	LDP42 (Sort of made this up)	Data sources: FAST? PeriodO	
Knowledge panels	LD4P2		<i>Much has already been written/explored about this. More analysis needed for production integration (closer to production queue)</i>
User can find related works (and maybe instances?) across institutions	Brainstorming/LD4P3 directions	Data sources: ShareVDE/Sinopia data in some linked data format	<i>Central question: Which relationships are easier to find/which connections between</i>
User can search all table of contents information across library catalog resources/within a	Emma Boetcher's presentation . Users find the table of contents useful (and being able to	Are there any data sources that provide table of contents for library catalog resources? (Linked	<i>Current work at Cornell looking at bringing in table of contents info, but this may be dynamically</i>

library resource.	search for this information in a way that conceptually differentiates between keywords and table of contents)	data ones?)	<i>added to the item view page or indexed (also not linked data)</i>
User can search or see references or bibliographies used within a resource such as a dissertation	Emma Boetcher's presentation	Are there data sources that provide citations? References? Bibliographies?	
Institutional affiliates want to browse works by institutional authors	Blacklight LD Working meeting	Data sources: Connection between institution and authors (Wikidata provides some)	
A student looking for the "best" online article wants to know how many other people have saved that article to a zotero library - potential browse visualization - heatmap of articles	Blacklight LD Working meeting		<i>Is there a version of this related to books rather than articles?</i>
Faculty member preparing a course wants to see what is most frequently on a reading list or what items have been frequently ILLed at a particular point in the year - potential browse	Blacklight LD Working meeting		

visualization on a timeline			
Instructional librarians want to teach users how to navigate library materials using subject headings. Combined with Classification/LCSH taxonomy mapping	Blacklight LD Working meeting		<i>Would it be possible to engage our staff who are involved in library teaching? Could ask them for particular use cases</i>
Something something IIIF: User wants to find related image resources (maps, works of art, wooden slips from China) to their query and/or related to library catalog resources. (This could use basic metadata and/or annotations)	IIIF presentations (e.g		<i>Are there related IIIF Discovery for Humans use cases that may help with library catalog discovery as well?</i>