

LD4 Discovery Affinity Group Charge

Rationale

There is a pressing need to provide concrete demonstrations of the benefits of linked data in order to help motivate the transition of library catalogs from MARC. Within [LD4P3](#), work to enhance the discovery of library resources is the focus of WP3: Discovery. Within [LD4P2](#), similar work was the focus of [WP4: Discovery](#). The partners had committed to working with the [Blacklight framework](#) to demonstrate enhanced discovery features such as:

1. knowledge panel in search results to present contextual information powered by linked data;
2. browsing based on authority files and links to related entities in external data;
3. semantic search, which could include laying out alternative terms in a "no results" page, suggesting semantically related terms in a type-ahead, or providing richer, geo-based browse by leveraging URIs for places; and
4. microdata on item pages to enable machine crawling.

In all of these areas there is opportunity for community input on and discussion of the best approaches and the desired outcomes. The LD4 Discovery Affinity Group will provide a forum for these discussions, with the following goals:

- identify exemplar systems/features that demonstrate the benefits of linked data and could be applied to library resources
- identify opportunities for enhanced discovery of library resources using linked data that can be implemented in the short to medium term
- document connections between cataloging practices and discovery outcomes
- document effective assessment approaches
- provide advice to LD4P3 partners for WP3: Discovery
 - (previously provided advice to LD4P2 partners and cohort members for [WP4: Discovery](#))

Approach

- Co-chaired by [Astrid Usong](#) & [Huda Khan](#)
 - [Jessie Keck](#): co-chair from 2019 - 3/2021
 - originally chartered and chaired by [Tom Cramer](#) and [Simeon Warner](#)
- Bi-weekly calls ([see below](#)):
 - Announce on [#general](#) and [#discovery](#)
 - Public notes in Google Drive: <https://drive.google.com/drive/folders/1Un3ALFr1zKROYr9b6h5VGX4Xikz6SqQC>
 - Topics seeded in advance, with a few key speakers drawn from community, then discussion
- Dedicated, open Slack channel in LD4 – [#discovery](#)
- Dedicated, open Google Group – [ld4-discovery](#)
- Share brief updates on all hands calls
- Consider face-to-face sessions at the LD4 conference each Spring

Calls and topics

Calls bi-weekly, Tuesdays, 9am PT / 12noon ET, 5pm UK, 6pm CET, **(Note Zoom URL has been changed, and will now be stored in the meeting document)**

Calls are expected to continue through the length of the grant and hopefully beyond.

- 2023
 - [2023-12-19 Year in review and LD4 Steering questions / Recording](#)
 - [2023-12-05 Meeting and topic planning / Recording](#)
 - [2023-11-07 Digital Scriptorium / Recording](#)
 - [2023-10-24 User Research on Knowledge Panel Prototype / Recording](#)
 - [2023-10-10 PHAROS Crossover / Recording](#)
 - [2023-09-26 LUX + IMLS / Recording](#)
 - [2023-07-18 LD4 Conference discovery overview / Recording](#)
 - [2023-06-06 In-depth walk through of Cornell integration of Wikidata in library catalog / Recording](#)
 - [2023-05-23 Library discovery and UX: history and discussion / Recording](#)
 - [2023-05-09 Planning and coordination meeting / Recording](#)
 - [2023-04-11 "The Approach of IIIF, Ontologies and LOD for Digital Humanities: A Case Study of the Dictionary of Wooden Slips" by Dr. Shu-Jiun \(Sophy\) Chen / Presentation recording / Meeting recording](#)
 - [2023-03-28 Working meeting: Planning and paper completion / Recording](#)
 - [2023-03-14 BAMWOW! A musical enterprise, Crossover with Wikidata Affinity Group part 1 / Recording](#)
 - [2023-02-14 Learning about LUX at Yale / Recording](#)
 - [2023-01-17 Group coordination and miscellaneous / Recording](#)
- 2022
 - [2022-12-20 End of year recap / Recording](#)
 - [2022-12-06 SWIB recap and open discussion / Recording](#)
 - [2022-11-22 Reflections on coordination and outreach possibilities / Recording](#)
 - [2022-10-25 National Library of Sweden / Recording](#)
 - [2022-09-27 Crossover: Learning from Wikidata Affinity Group coordination and engagement strategies / Recording](#)
 - [2022-09-13 Recap of LD4P2 and LD4P3 discovery work / Recording](#)
 - [2022-08-16 Open hour / Recording](#)
 - [2022-07-19 Bibliographic data and linked data sources analysis / Recording](#)
 - [2022-06-21 Ethics in Linked Data crossover / Recording](#)
 - [2022-06-07 Conference recap and LD4P3 exploration of bibliographic work relationships / Recording](#)
 - [2022-05-10 Guest session with Patrick Hochstenbach from University of Ghent / Recording](#)

- [2022-04-26 Reverse engineering the future of discovery / Recording](#)
- [2022-04-12 Panel discussion on various linked data or discovery initiatives / Recording](#)
- [2022-03-29 Open office hours and more knowledge panel white paper editing / Recording](#)
- [2022-03-15 Archives and linked data: a discussion / Recording](#)
- [2022-02-22 Wikidata Affinity Group session Part 2/ Recording \(This is a Wikidata Affinity Group call\)](#)
- [2022-02-15 LD4P3 and linked data in production: Crossover with Wikidata Affinity Group Part 1/ Recording](#)
- [2022-02-01 Review of linked data systems list and knowledge panel white paper/ Recording](#)
- [2022-01-18 Roadmap and library systems data review / Recording](#)
- 2021
 - [2021-12-07 Year in review and plans for next year / Recording](#)
 - [2021-10-26 User research around image resources \(including D4H IIIF research\) / Recording \(+ a few minutes at the end\)](#)
 - [2021-10-12 LINCIS user research and lessons / Recording](#)
 - [2021-09-28 Linked data sources and examples of use / Recording](#)
 - [2021-09-14 Open office hours and linked data systems list / Recording](#)
 - [2021-08-17 Linked data systems and knowledge panel white paper / Recording](#)
 - [2021-08-03 Conference recap and linked data systems list / Recording](#)
 - [2021-07-06 LD4 session and next meeting / Recording](#)
 - [2021-06-22 Affinity group outputs / Recording](#)
 - [2021-06-08 Roadmap continued and user research /Recording](#)
 - [2021-05-25 Topics and roadmap/ Recording](#)
 - [2021-05-11 Visualizations of library collections / Recording](#)
 - [2021-04-27 BIBFRAME and Discovery: Framing the discussion / Recording](#)
 - [2021-04-13 LD4P3 Discovery Work \(Dashboard!\) / Recording](#)
 - [2021-03-30 Best Practices for Authoritative Data/ Recording](#)
 - [2021-03-16 Crossover episode part 2 with Wikidata Affinity Group: OCLC CONTENTdm Pilot / Recording](#)
 - [2021-03-02 Crossover episode: Discovery for Humans IIIF/ Recording](#)
 - [2021-02-16 Processing incorrect data \(or data you need to update locally\) / Recording](#)
 - [2021-02-02 The once and future knowledge panel / Recording](#)
 - [2021-01-19 Open call for which topics to discuss this year / Recording](#)
- 2020
 - [2020-12-08 Knowledge Panel white paper, ethics, end of year recap / Recording](#)
 - [2020-11-10 ResearchSpace demo / Recording](#)
 - [2020-10-27 What's linked data got to do with user actions? / Recording](#)
 - [2020-10-13 Solr APIs, relatedness, Blacklight Virtual Summit recap / Recording](#)
 - [2020-09-29 Entities and example interfaces / Recording](#)
 - [2020-09-15 Indexing and entities, continued / Recording](#)
 - [2020-09-01 Indexing graphs and entities / Recording](#)
 - [2020-08-18 Knowledge Panel White Paper, Ethics in linked data, planning / Recording](#)
 - [2020-08-04 LD4 Conference recap / Recording](#)
 - [2020-07-07 Where do we go from here? Group discussion / Recording](#)
 - [2020-06-23 Knowledge Panel White Paper, group recap and future / Recording](#)
 - [2020-06-09 Indexing and linked data / Recording](#)
 - [2020-05-26 General discussion around entities and discovery / Recording](#)
 - [2020-05-12 Autosuggest and linked data: possibilities and interactions, additional planning / Recording](#)
 - [2020-04-28 Various topics including effects on/intersections with discovery due to COVID-19 / Recording](#)
 - [2020-04-14 Discovery and knowledge graphs project at NCSU / Recording](#)
 - [2020-03-31 EBSCO Knowledge Graph UI / Recording](#)
 - [2020-03-17 Flexible agenda / Recording](#)
 - [2020-03-03 A little usability, a little semantic search / Recording \(unclear where notes document is\)](#)
 - [2020-02-18 University of Ghent autocomplete / Recording](#)
 - [2020-02-04 Knowledge Panel White Paper - continued discussion / Recording](#)
 - [2020-01-21 Usability/user research / Recording](#)
 - [2020-01-07 Welcome back, topics and theme planning / Recording](#)
- 2019
 - [2019-12-10 Browse, year in review, etc. / Recording](#)
 - [2019-11-26 Knowledge Panel White Paper - continued discussion / Recording](#)
 - [2019-10-29 Knowledge Panel White Paper Review and other topics / Recording](#)
 - [2019-10-15 More meeting recaps and review / Recording](#)
 - [2019-10-01 Blacklight LD recap and future topics/themes/ Recording](#)
 - [2019-09-17 Blacklight LD Working Meeting agenda: Browse, Semantic Search, UX / Recording](#)
 - [2019-09-03 Blacklight LD Working Meeting agenda: Data, Knowledge Panels, Schema.org/Sitemap, UX / Recording](#)
 - [2019-08-20 Linked data search and discovery UI, browse, data / Recording](#)
 - [2019-08-06 Library metadata and Google + Harvard concept search demo / Recording](#)
 - [2019-07-23 Discovery examples across multiple sources / Recording](#)
 - [2019-07-09 Updates, data / Recording](#)
 - [2019-06-11 Browsing and open-ended discovery / Recording](#)
 - [2019-05-28 Reviewing wiki, data, and browsing / Recording](#)
 - [2019-05-14 User feedback on knowledge panels, demo of enhancements and recap of LD4 conference discovery discussions / Recording](#)
 - [2019-04-30 User evaluation results and walking through data examples / Recording](#)
 - [2019-04-16 User stories \(continued\) and let's talk about data / Recording](#)
 - [2019-04-02 What do we know about our users and how does that help with enhancing discovery?](#)
 - [2019-03-19 How do we do things at index time?](#)
 - [2019-03-05 Knowledge panels \(continued\)](#)
 - [2019-02-19 Intro and knowledge panels](#)

Discussion materials and references (e.g. slides, documents, etc.)

- Knowledge panels
 - [Running slide deck of examples](#)
 - [Spreadsheet](#) reviewing (1) data we would like to include and (2) data we have now (started by Steven Folsom with contributions from others)
 - [Data Sources for Knowledge Panel](#) (Hilary Thorsen)
 - [Zotero references](#) (Dan Scott)
- Index time processes
 - [Architectural/search index review](#) of when/how to integrate data (Michael Gibney)
- **User stories and usability**
- Browsing, search, and open-ended discovery
 - [Running slide deck of examples](#)
 - Search [demo](#) incorporating Wikidata and LOC content
 - <https://github.com/thisismattmiller/wiki-knowledge-panel>
 - <https://thisismattmiller.github.io/wiki-knowledge-panel/> (Matt Miller)
 - Searching across libraries and reconciling information between LC authorities/subject headings and Wikipedia
 - [Forward](#) to Libraries and integration in [online books](#) site
 - LC mapping to Wikipedia [dataset](#)
- Data analysis
 - [Data and Discovery](#)
 - [Wikidata queries for discovery](#) (Steven Folsom)
 - University of Chicago ShareVDE/OCLC analysis: [Report](#), [Presentation](#)
 - [Running list](#) of data sources with brief summary (Collaborative)
 - See also spreadsheet reviewing data to include and data sources under knowledge panels section above
- Overview of questions at different [levels](#) (data, index, interface)
- Additional references
 - LD4 Conference Presentations : <http://bit.ly/ld4pres> with discovery blocks on May 10
 - LD4 Conference [birds of a feather discussion](#)

Possible future call topics

- examples of knowledge panels. What works, works well, where is data coming from?
- can you tell if schema.org <<http://schema.org>> works / is worth the effort?
- how Wikidata can make Library discovery better
- cohort Discovery projects: Yale, UC Davis, Harvard, etc.
- what examples of browse interfaces to you have / like?
- semantic search? advanced discovery?
- how do you assess impact of exposing your metadata as LOD?
- tips and tricks for better metadata production
- *"if I do x in my catalog record, I get y result"*
- other topics as they arise...