2019 LD4 Conference on Linked Data in Libraries

shortcut to this page: http://bit.ly/ld4conference





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Photos by Merrilee Proffitt unless otherwise indicated.

Date

2019 May 10-11

Location	Joseph B. Martin Conference Center at Harvard Medical School, Boston, Massachusetts, USA
Map and	Harvard Longwood Campus Map
directions	Directions to Martin Center
	Parking options (Please note: Parking will not be available at the Martin Center itself, and driving is discouraged due to Boston traffic.)
Visiting Boston	There are no organized tours as part of the conference, but these links can help you plan your own tours: Greater Boston Convention & Visitors Bureau https://www.bostonusa.com, Freedom Trail: https://www.thefreedomtrail.org/, Black Heritage Trail: https://www.nps.gov/boaf/learn/historyculture/upload/BOAFmap1.pdf
Participa nts	Participant List
Presenta tions	http://bit.ly/ld4pres (Slide decks; meeting notes; photos) http://bit.ly/ld4video (Videos; links to individual session videos also below in Program)
Friendly space policy	Friendly space policy for LD4 Conference
Twitter	#ld4

[Friday, May 10] [Saturday, May 11] [Accommodations] [Participation] [Travel Stipends] [Program Committee]

Friday, May 10

	Rotunda n Video playlist	Room 216 Video playlist	Room 217 Video playlist
08		Check-in & Coffee	
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09			
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09	Welcome		
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09	Kickoff (Video) Facilitator: Jason Kovari		
10			
10	LD4P began as tool for the transformation of library metadata production from workflows based in the MARC formats to linked data.		
15	As the project evolves, however, it becomes an opportunity to reevaluate the library's role in a developing, worldwide information		
	ecosystem. While much of the world knows about Wikipedia, the emergence of		
	Wikidata as a key global structured data project has only recently emerged as a key way to engage libraries, archives and museums.		
	Andrew will discuss the ways in which the Wikimedia movement has adopted Wikidata and how it interfaces to institutions and collections		
	through linked open data initiatives and innovative reuse. He will talk about notable projects that showcase these and a vision for the future		
	which includes projects such as Structured Data on (Wikimedia)		
	Commons, a global citation database in WikiCite and unified collections contributions workflows now being engineered tougher by the		
	Wikimedia community and GLAM institutions. Through considering a case study written for the Design for Diversity		
	project, we will consider how metadata and aggregation across collections has simultaneous potentials: to perhaps surface a more		
	diverse range of histories and cultures; to perhaps surface those histories but through metadata that still lacks cultural relevance or		
	respect; or to perhaps only re-inscribe the largely white, largely male histories represented in U.S. library, archive, and museum collections.		
	Amanda Rust will first briefly introduce the Design for Diversity project,		
	and Dorothy Berry will then discuss her work making African American materials more discoverable through digitization and metadata		
	aggregation in Umbra Search.		
40		Deserts	
10		Break	
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Discovery 1 Videos: Khan, Meyer, Facilitator: Greg Reeve n. Mever, Panel Facilitator: Asaf Bartov Facilitators: Amber Billey & Will Kent I will present analysis and recommendations compiled by the SHARE-VDE Transformation Council's working groups regarding SHARE-VDE data modelling, with special focus on SuperWorks/BF:Works and Master Instances. Further The Wikidata Tutorial will provide a hands-on introduction to the basics of Wikidata and the Wikidata 10 The larger questions of how and where to augment discovery processes with linked data are potentially relevant to end-users and institutions both within and beyond GLAM areas. We propose a session where we can present the design questions, processes, and findings from our LD4P2 work and begin a discussion around related Query Tool. Participants will learn the basic functions of activities and analysis planned thanks to the SVDE Working groups directions will also be briefly outlined. both and how to make simple manual edits to Wikidata items and create simply database queries. The workshop This presentation explores the intersection of philosophical theories of time and will also discuss how institutions can use Wikidata This presentation explores the interaction of printsophical interaction of their experimental serializations in RDF and related languages. Implications for adoption of particular models is addressed as well as future areas for exploration We consider rich semantics beyond typical approaches to linked data. For effectively and employ automated tools like the Distributed Game and OpenRefine. A laptop or mobile device will be necessary to fully participate in the discovery interfaces that use external data and/or linked data to support end-users. This talk will present on work at UW-Madison to enhance the library catalog with Linked Data-derived info cards for the authors, contributors and topical names found in bibliographic works. This feature was added to the production search interface for the UWinstance, we have explored supporting access to the NEH/LC NDNP digitized historical newspaper collection. Retrieval with dynamic, structured "community models" seems more promising than traditional indexing. We also applied rich Madison Libraries in January and Steve will discuss how the feature works as well as an assessment of it by library staff and patrons.

Tom Cramer, Jessie Keck, Huda Khan, Dan Scott, and Simeon Warner seems limbe promising than traditional modeling. We also applied full seemantic modeling to scientific research reports so that they would be implemented as knowledgebases rather than as text. Upper ontologies, frame semantics, and object-oriented programming-language semantics are among the approaches that may be incorporated into such "direct representation". This presentations describes a six-month project to build an intermediate knowledge layer between a knowledge base of classical texts built using FRBRoo and the CITE architecture and the Perseus catalog of published works. on knowledge panels. The process entailed automatic extraction of works and expressions from multiple MODS records and their recombination into FRBRoo statements, which were then made available through a SPARQL endpoint. Were used that available through a SPARQL enopoint.

UC San Diego's participation in the LD4P2 Cohort will revolve around describing Open Access (OA) resources. This presentation will cover some of the driving forces behind this focus on Open Access materials, the opportunities and challenges we see for describing them with the BIBFRAME model, and our current training and preparation for the release of the Sinopia editor. nο Lunch 13 00 ы Special Formats 1 (Video) Wikidata Tutorial 2 (Video) Discovery 2 (Video) Facilitators: Amber Billey & Will Kent ос Facilitator: MJ Han Facilitator: Mary Seem 2: 13 Stanford implemented Schema.org in its Blacklight-based catalog SearchWorks. This lightning talk will discuss the implementation, plans for enhancements, and the path forward to shareability with other For those with a basic understanding of the design and organization of Wikidata items, this session introduces the best practices for working with collections of data and This presentation covers current work related to the EU-funded LITMUS (Linked Irish Traditional Music) project at the Irish Traditional Music Archive (ITMA) in Dublin, Ireland. LITMUS is a two-year effort to create linked data tools specific to Blacklight-based discovery environments.

Learn how bibliographic data provided by libraries is used at Google and why machine-readable linked data is the way to go.

I will describe my attempt so far, to learn what linked data is and to the needs of Irish traditional music and dance. These linked data tools included the first ontology specific to Irish traditional song, instrumental music and dance as well as two bi-lingual thesauri for traditional instruments and tune types. In their associated ontologies. Ideally, attendees will bring a laptop device to better experiment and try out the tools introduced, but a mobile device can also suffice.The 15 session will cover key tools for discovering, uploading, fixing and reusing Wikidata content for collections, and include notable case studies with GLAM institutions such this presentation, I will focus on linked data considerations particular to Irish and implement a simplified project at my institution. I use my university's strategic goals to convince our administration and colleagues and I other traditional musics, and how these challenges were met within the context of the LITMUS project. Examples drawn from LITMUS will illustrate over-arching want to inspire them with a demonstration showing the results of higher concepts related to linked data relationships in music and consider future as the Smithsonian Institution and The Metropolitan directions for such work.

This presentation will describe steps taken to integrate Discogs as a copy cataloging source in an RDF cataloging tool for describing Sinatra 45 RPM vinyl visibility of a unique collection to benefit anyone interested in this Museum of Art collection.

A visual workflow not only helps students and volunteers with Tools to be covered include: cataloging, but also supports Linked Data with a focus on concepts instead of terms. The worksheet tool at DressDiscover.org explores this approach for describing artifacts of historic clothing, providing visual records. Because Discogs does not natively offer its data as RDF it might not seem as an obvious choice for use; why and how this data was chosen for conversion to RDF in this particular project will be provided, along will lessons Wikidata user-selectable gadgets such as Recoin, EasyQuery and Hotcat. choices backed by terms from the sauri that are available as linked data learned about generalizing this workflow. WikiProjects that
SQID for browsing Wikidata entity relationships
Wikidata Query advanced methods
Wikidata Graph Builder for investigating ontologies One of the chief promises of linked data for libraries is search engine visibility. Few studies, however, have attempted a quantitative analysis This session will not be recorded. Representatives of the Rare Materials Affinity Group will take part in a facilitated discussion session on the topic of how linked of linked data's impact on search engine rankings. This presentation data might and might not play well with special collections cataloging. We'll examine ways that linked data promises to make our materials more accessible to users, and identify potential areas of tension with long-standing descriptive will review a linked data project from a search engine optimization TABernacle for editing and fixing collections data Quickstatements for bulk uploading and item eagle-i (www.eagle-i.net) is an open platform, open ontology discovery bibliographical tradition. modification tool for research resources, including microscopes, equipment, stem cells, transgenic mice, and software. It is a distributed node network of 40 institutions linked by a central search. For ten years, it has been a Wikidata Game for mobile-friend crowdsourced Wikidata contributions and fixes Petscan for advanced querying across Wikimedia stable resource but has been somewhat forgotten. As science and research have moved to a more open model, what role can eagle-I play, and how can the linked data that describes the resources be used PAWS and Python tools for advanced scripting and needs in the research and publishing cycles? This presentation shares answers to these questions. 15 Break 00 15 30 ВІ Library of Congress Special Topics (Video) Facilitator: Greg Reeve Digital Collections & Institutional Repositories 1 (Video) Omeka Tutorial (Video) Facilitator: Michelle Futornick
In this hands-on workshop (using the sandbox at https://o k 3. 1: Nate Trail. LC BIBFRAME System Notes: Build the Plane while flying Kevin Ford. Anonymous Resource* Wrangling at LC (*a.k.a Blank This is a pilot project the USF Libraries Linked Data Team has done to eka.org/s/download/#sandbox) we will begin with a brief introduction to the popular digital humanities publication platform Omeka S and how it implements Linked Open Data. We will focus on content creation experiment transforming the digital collections into linked data. The Team chose 15 Node) a small oral history collection to work on and the team was able to reconcile the Sally McCallum. MARC and BIBFRAME Matt Miller. LC BIBFRAME Editor Updates data, transform the data into triples and design SPARQL queries to support basic search. Throughout the process, the Team was inspired to streamline the and, of course, metadata creation options using a variety of LOD vocabularies, and how content and metadata are represented in the JSON-LD-based API. To get the most 30 -1 6: 30 workflow and further enhance the final product. A case study of introducing linked data concepts to a cataloging request and the successful partnership between cataloging and a campus data archive. out of this tutorial, participants should bring a laptop and have access to a few files (images or other content) and some metadata for those files. (6 0 mi n) 16 Break 30 16 40

Modelina (Video)

Wikidata Tutorial 1 (Video)

BI oc k 3. 2: 16 : 40 - 17 : 15 (3 5 mi nu te s)	ways of thinking about discovery, reference, and, ultimately, archival	Digital Collections & Institutional Repositories 2 (Video) Facilitator: Michelle Durocher This lightning talk will discuss the Perseus Catalog, a research project of the Perseus Digital Library, and current work to convert the legacy metadata collection and related bibliographic data to linked data standards. Starting in 2018 as part of the Cultivating a Latin American Post-Custodial Archival Praxis grant funded by the Andrew W. Mellon Foundation, the LLILAS Benson Post Custodial project team began working on developing and migrating the Latin American Digital Initiatives (LADI) digital repository to the Drupal 8 /Islandora 8 (formerly CLAW)/Fedora 4 repository framework. One core component of this work includes investigations and implementation of linked data capabilities for better discoverability, access, and analysis.	Managing Local Data (Video) Facilitator: Michelle Futornick Implementation of BIBFRAME or other linked data cataloging workflows at scale will require institutions to address both how the data will be managed over time and how administrative activities that have been driven by MARC data will need to adapt. Bring your ideas, concerns, and questions to this conversation about what is necessary in the short-term as we experiment with new approaches to description and what is required in the long-term to make adoption of best practices feasible. Potential discussion questions include: If you are cataloging materials in a linked data editor, does your institution plan to represent those materials in the current integrated library system, or other local systems? Is it best practice to continue to manage a MARC dataset alongside RDF entities or other linked data datasets? Or, will it be best to transform historic data so that bibliographic data is uniformly represented in a local system? What are the risks and benefits associated with each of the options? What are the functional requirements for managing linked data for description in a system
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Saturday, May 11

	Rotunda Video playlist	Room 216 Video playlist	Room 217
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BI oc k4: 009 : 00	Authorities Videos: Hanson; Panigabutra-Roberts; Chou; Ho plus Q&A beginning; Q&A continued Facilitator: Christine Fernsebner Eslao While at Johns Hopkins University, I oversaw the creation of a specialized authority file that was used to normalize user-submitted data and generate a standardized list of faculty names associated with the electronic theses and dissertations collection. Using Python and RDF, simple workflows were used to normalize variant forms that appeared in DSpace as well as update the RDF file when new variations were entered by submitters. "Enhancing Opaquenamespace.org: Refinement of Local Name Authority Files and Workflows" will discuss workflows and processes for URI creation, management of Opaquenamespace.org, a controlled vocabulary manager for LOD local name authorities and vocabularies. She will discuss workflows and processes for URI creation, management, and dissemination, as well as address mistakes that were made as early adopters of LOD for other institutions to consider before creating and managing their own local name authority files. This session will not be recorded. My talk will focus on my experience in learning how to apply Wikidata to build an author's profile in Scholia. I will also discuss the learning curve to create new Wikidata to build an author's profile in Scholia. I will also discuss the learning curve to create new Wikidata to build an author's profile in Scholia. I no conclusion, I will discuss my take away and possible scenarios we can use Wikidata for our collections at UT Libraries. This presentation examines and explores how to improve the linking relationships of persons with more than one identity in VIAF through definition comparisons and case studies in terms of the semantic web. In light of identity management in cyberspace, library authority data should include the perspectives of privacy and security. This presentation will describe plans that are being made for the creation of an "authority and disambiguate individual persons, as well as link to	Special Formats 2 (Video) Facilitator: Mary Seem How do we get from here to there? Our existing infrastructure is heavily based on MARC, but the MARC format itself has evolved in ways that can help smooth the path to adoption of linked data. This presentation will describe recent work by the PCC on incorporating linked data into MARC and suggest directions that cataloguing practice can take in response to these developments. The talk will cover the process of creating video game controlled vocabulary in Wikidata and the translation of the vocabulary to 6 languages (English, German, French, Japanese, Chinese, and Korean). The Harvard Map Collection is home to over 400,000 sheet maps dating back to the late 15th Century. Over 5,000 of these maps have been scanned and are freely available for viewing through the Harvard Library image delivery service but remain largely undiscoverable outside of the Harvard Library online catalog. This talk will focus on describing an LD4P2 subproject that is exploring the use of the LD4P Sinopia Linked Data Editor with the BIBFRAME 2.0 ontology and Wikidata items to produce linked data descriptions for scanned cartographic materials to enable broader discovery and reuse of these images on the open web. Serials cataloging is NLM's bread and butter because of the importance of serials to the medical community and internal dependencies related to article indexing. This is an update on the status of NLM's LD4P2 Cohort task to improve serials cataloging in BIBFRAME. The work of the American Beat Generation author William S. Burroughs is notorious among collectors and bibliographers for its scale and complexity. In this presentation, we describe our objectives and experiences in representing, enhancing, and publishing the information in Brian E.C. Schottlaender's "Anything But Routine: A Selectively Annotated Bibliography of William S. Burroughs, version 4.0" as linked data using BIBFRAME 2.0 and ARM ontologies. Women Writers in Review is a collection of 18th- and 19th-century rev	Application Profiles (Video) Facilitator: Jennifer Baxmeyer The concept of the (metadata) application profile has for two decades been a central focus of attention in the Dublin Core community and has underpinned many of DCMI's development efforts. There continues to be significant community interest in developing tools to help people create and document application profiles and, more recently, in technologies for validating data produced according to profiles. This talk will describe a new initiative to respond to this interest. This talk presents the work of the LD4P Profiles Working Group to develop initial protocols for collaborative development of profiles in the LD4P Sinopia shared environment. Attendees will (1) get a better sense of what a BIBFRAME profile is and how it can be managed; (2) understand the challenges of working with profiles on a shared environment; (3) learn about strategies and best practices for profile re-use; and (4) see a live-demo of the tools and the workflow.
10		Break	
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Package Pack	BI	Wikidata in Action Videos: Smith-Yoshimura, Li; Moody; Allison-Cassin, Seeman	Community Adoption (Video) Facilitator: Andrew Pace	
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We have reserved a block of rooms at the Inn at Longwood Medical, which is in walking distance to the conference center.

Inn at Longwood Medical 342 Longwood Avenue, Fenway Kenmor Boston, Massachusetts 02115

The Inn at Longwood Medical is now sold out; to check for cancellations call them directly (617) 731-4700, our booking code is STAN0519

Another hotel option, Longwood Inn's sister hotel, just over 1 mile from the conference center), no booking code required. The Midtown Hotel
220 Huntington Ave., Boston, MA 02115
617-369-6285/F: 617-262-8739

Background

Linked data promises to expose the richness of library collections to the world, and to open up new pathways to knowledge based on previously unlinked data. After a decade of experimentation and pilot projects, what are the next steps to move to large-scale production of linked data? How can the library community learn from and contribute to other communities who are working toward similar goals? The 2019 LD4 Conference, to be held May 10-11 in Boston, Massachusetts, USA, aims to bring practitioners together to collaborate on creating pathways to implementation of linked data in libraries.

The language of the conference is English.

Participation

Participation is by open application; the application period ended February 28, 2019. The Program Committee invited participation that will bring diverse and broad perspectives, from both aspiring and experienced practitioners including:

- Librarians working (or aspiring to work with) linked data
- Representatives from adjacent cultural heritage spaces including archives and museums
- · Ontologists and data modelers
- Software engineers and user experience professionals interested in library metadata
- Open knowledge advocates
- Others who share an interest in implementing linked data in libraries

We had a large response to our call for applications, and the Program Committee chose the applications that best fit within the conference scope.

For questions about the LD4 Conference, please contact the conference co-chairs at Id4conf_chairs@googlegroups.com

Travel Stipends

If you have received a travel stipend, follow Travel Stipend Instructions to claim your stipend.

Program Committee

Justin Sègbédji Ahinon	AfricArxiv
Asaf Bartov	Wikimedia Foundation
Amber Billey	Bard College
Nurunnaby Chowdhury	Centre for Open Knowledge
Christine Fernsebner Eslao	Harvard University
Michelle Futornick, Co-Chair	Stanford University
Myung-Ja (MJ) K Han	University of Illinois
Will Kent	Wiki Education
Jason Kovari, Co-Chair	Cornell University
Andrew Lih	Wikimedia DC
Merrilee Proffitt	OCLC Research
Greg Reeve	Brigham Young University
Mary Seem	The Frick Art Reference Library
Lars G. Svensson	Deutsche Nationalbibliothek