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Library

Questioning Authority Lookup Service: Linking the Data

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The Team

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But Surely Linked Data is Magic?

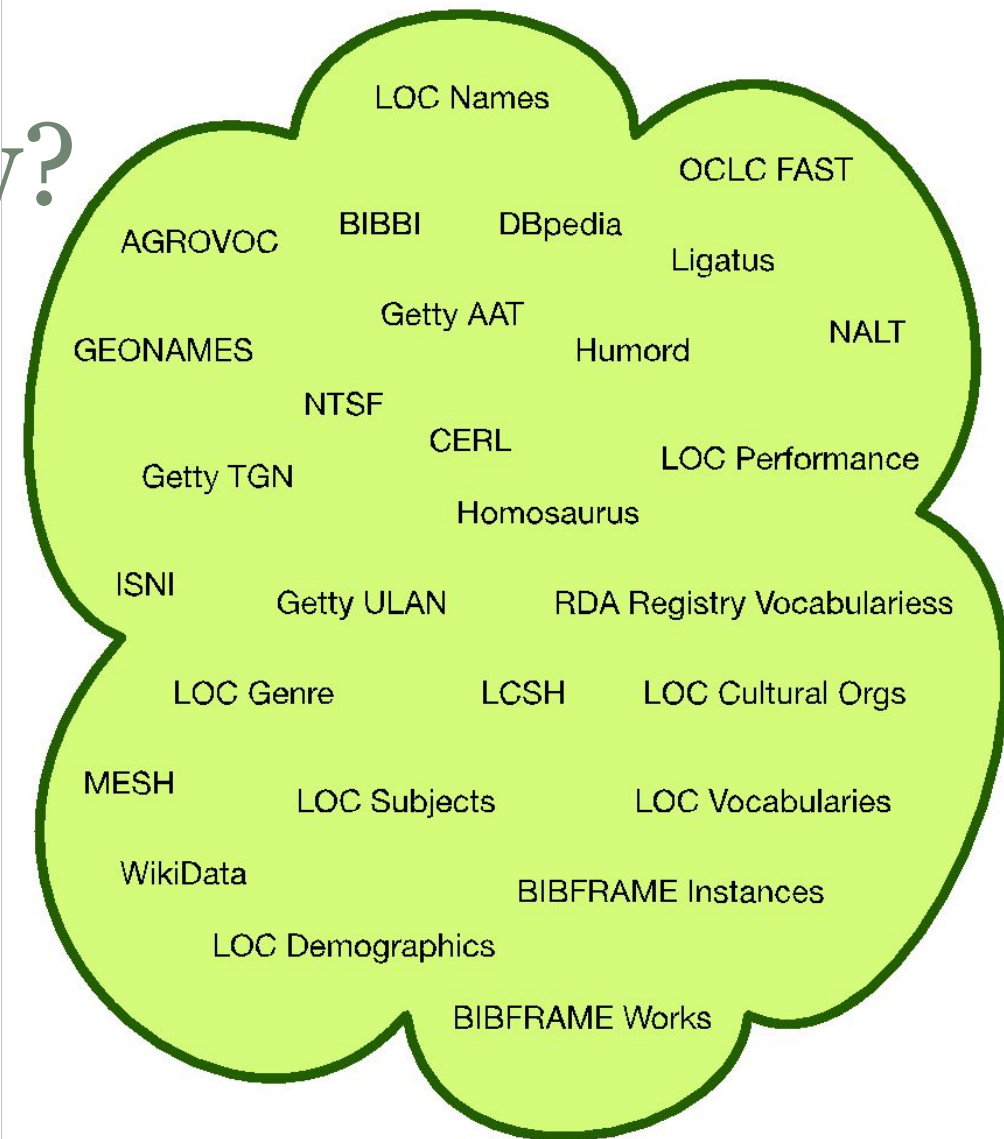


- Cataloging in BIBFRAME separates Work and Instance properties where MARC doesn't
- True benefits of linked data only realized by **replacing strings with things**
 - From: Controlled vocabularies, Thesaurus terms, Authority strings
 - To: Links to Entities

Which Entities? And How?


- Community interest in many many sources
- Pioneers have offered search endpoints for many years
 - No standardization, spectrum of performance
- Other authority sources have only data dumps available

QA Lookup service provides standard API over direct query or cached content






Authority sources in QA Lookup service 2022-10

How is the Lookup Service Used?

Form of Work 

Property: <http://id.loc.gov/ontologies/bibframe/genreForm>

Enter your own URI and label

Lookup with: LOC all genres (QA), MESH publication types (QA), GETTY_AAT Objects__Object_Genres (QA)

Add "minimalist" as literal or select from:

LOC all genres (QA) (1) MESH publication types (QA) (0) GETTY_AAT Objects__Object_Genres (QA) (1)

Minimal music
Alternative Label: Meditative music, Minimalist music, Repetitive music, Systematic music
Citation note: p. 11 (repetitive music; meditative music), (minimalism: 1. Music. A reductive style or school of modern music ... 2. See minimal art), v. 18, p. 481 (systematic or minimal music)
Citation source: Work cat.: Mertens, W. American minimal music, 1983.; Reetz, G. Time: minimalmusic for 7 instruments, c1984., Random House, London Chamber Orchestra. Minimalist, p1990., New Grove:
Citation status: found
Broader: Art music
Type: <http://www.loc.gov/mads/rdf/v1#Authority>, <http://www.loc.gov/mads/rdf/v1#GenreForm>, <http://www.w3.org/2004/02/skos/core#Concept>

- QA Lookup service integrated into Sinopia editor
 - Lookups with contextual information about entities to allow catalogers to select correct entity
 - Type-ahead style lookups for vocabulary terms
- APIs designed to allow other integrations

What next?



“The Wizard of Oz” crystal ball
visited Cornell Library in 2018

- Work on Sinopia and QA Lookup Service funded by LD4P grants from Andrew W. Mellon Foundation
- Current QA work focused on improving deployment and operations infrastructure, some authority additions
- Also work on Entity Metadata Management
- Open-source code available for reuse
- LD4P instances being used by community
- Looking at sustainability models

Thank you!

LD4P3

- <https://wiki.lyrasis.org/display/LD4P3>

QA Authority Lookups

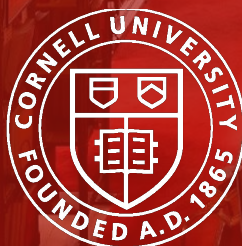
- Try it at: https://lookup.ld4l.org/authority_list
- Videos:
 - [LD4P Questioning Authority Server](#)
 - [Application Use Cases for Authority Access](#)
- Code:
 - https://github.com/LD4P/qa_server (*starting place for setting up your own lookup service*)
 - https://github.com/eichmann/ld4l_services
 - <https://github.com/eichmann/LD4L>

Entity Metadata Management WG

- [Wiki](#)
- Draft: https://ld4.github.io/entity_metadata_management

Me

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