Questioning Authority Lookup Service: Linking the Data

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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?

- 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?

▪ 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

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

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