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Questioning Authority Lookup Service: Linking the Data

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The Team

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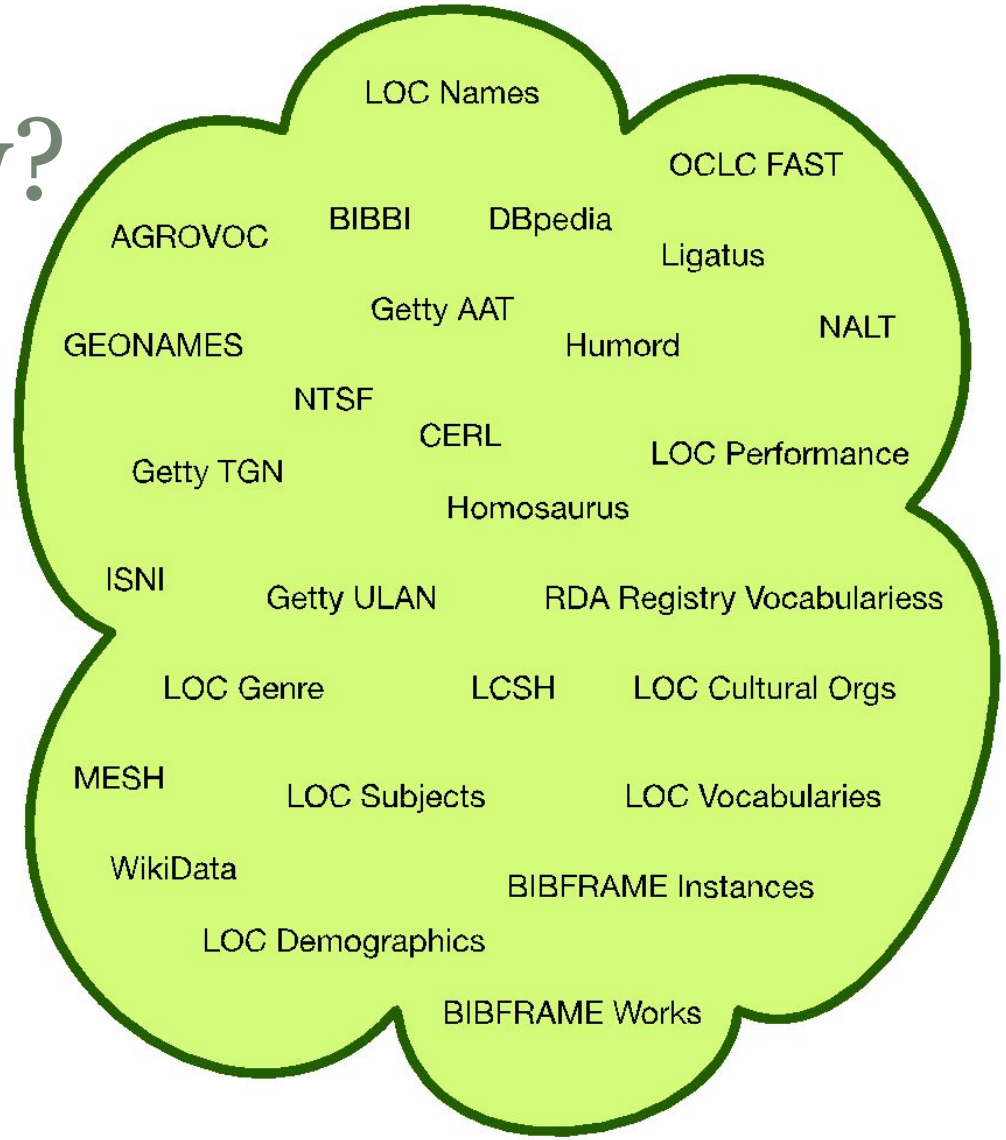
But Surely Linked Data is Magic?

- 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?

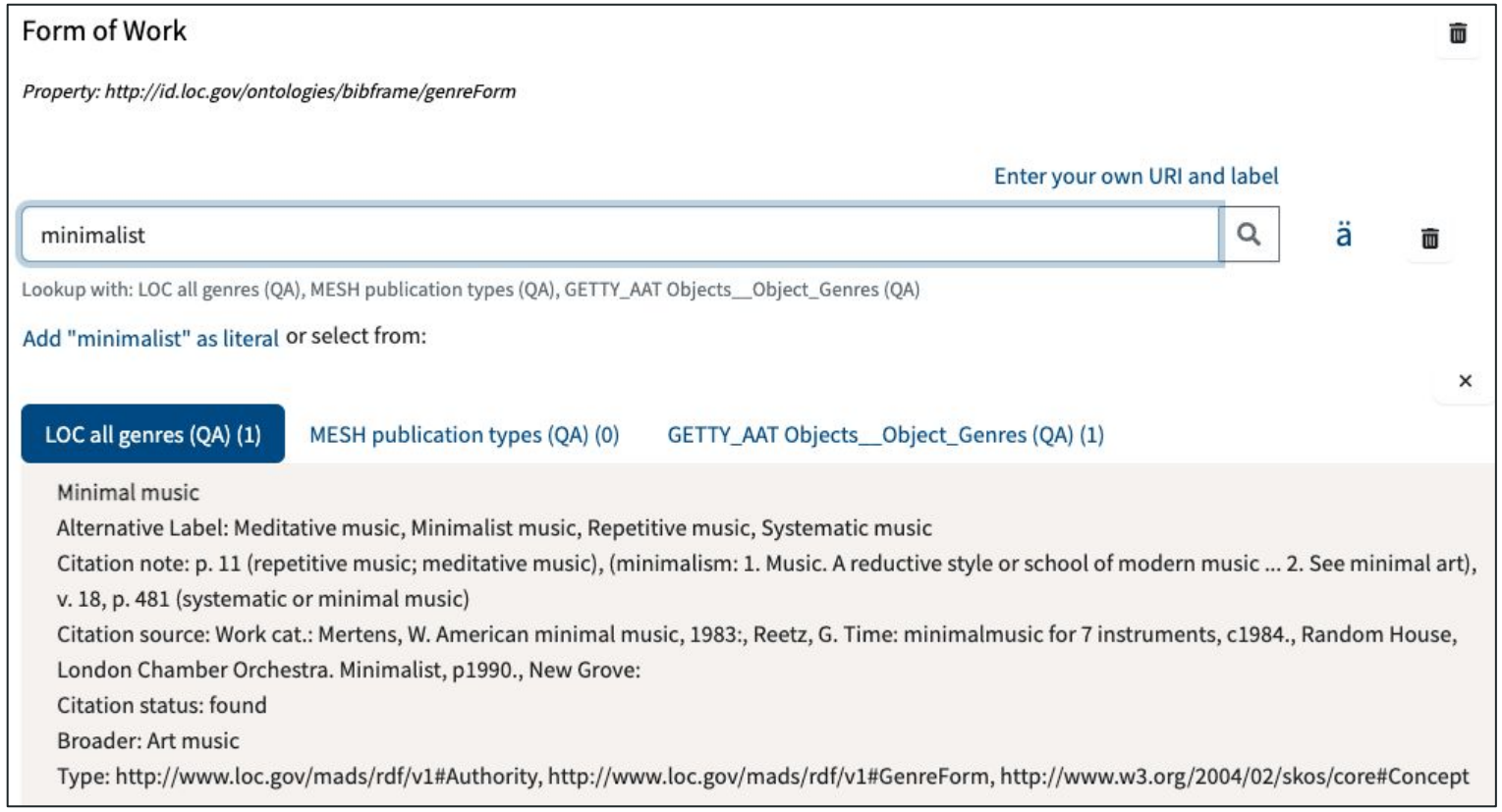
- Community interest in many many sources
- Pioneers have offered search endpoints for many years
  - No standardization, spectrum of performance
- Other authority sources have only data dumps available

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?



- 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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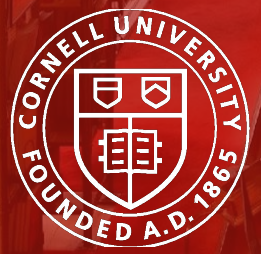

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