

Cornell Hip Hop Archive

About the Hip Hop LP project

Cornell will produce descriptions natively in RDF for hundreds of uncataloged noncommercial LPs in its Hip Hop collection. This collection supports a growing body of international scholars and educators who study Hip Hop not only for its global influence on popular music, art and style, but also for its role in articulating social and political issues. As such, it offers a promising test bed for exploring the use of linked data techniques to extend the reach of descriptive metadata. This work will complement Stanford's LD4P work, in association with the Music Library Association (MLA) and other partners, to develop a Performed Music Ontology based on BIBFRAME.

[Cornell Project Proposal](#)

Deliverables

- [Application profile](#) for use in the description of Hip Hop LPs
- Natively created RDF descriptions of select items in Cornell's Hip Hop collection: [CONTENT.nq](#) (in nquads format)
- Evaluation of integration of natively created RDF descriptions with descriptions generated through conversion from MARC
- Evaluation and in-the-field testing of the VitroLib RDF cataloging tool

Completed Work

Analysis/Modeling

- Shared use cases with the [Performed Music Ontology](#) group.
- Created workflow diagram showing infrastructure and data flows.
- Actively participated in [Rare Materials Ontology Extension](#) group modeling efforts.
- Defined cataloging and modeling requirements in consultation with collection curators, including how to model and describe related events (tours, performances); complex attributions (people working under multiple names); annotations; provenance; and other item-specific details such as signed and numbered copies.

Tool Exploration / Requirements Definition

- Held initial meetings with catalogers and VitroLib developers to come to shared understanding of cataloging functional requirements.
- Created [SHACL metadata application profile](#) (MAP) to define implementation of relevant ontologies in the VitroLib editor and facilitate customization of alternative editors, enabling testing of different editing environments.
- Experimented with iterative updates to the VitroLib editing tool as they were released.

Collaboration

- Provided input, chiefly through representation in the MLA, to the development of the Performed Music Ontology, which Cornell will eventually incorporate into its VitroLib editing tool.

Linked Data Creation

- Creation of original RDF metadata for Hip Hop LPs in the [VitroLib metadata editor](#).