

Performed Music Ontology

About the Performed Music Ontology

The Performed Music Ontology project aims to develop a BIBFRAME-based ontology for performed music in all formats, with a particular emphasis on clarifying and expanding on the modelling of works, events, and their contributors. The work is a collaborative effort of Stanford University, the Music Library Association (MLA), the Association for Recorded Sound Collections (ARSC), the Library of Congress, and the PCC, with participation of LD4P partner institutions.

[Stanford Project Proposal](#)

[Timeline](#) (initial)

Deliverables

- Written evaluation of the BIBFRAME ontology in describing performed music, including a set of use cases to justify extending and/or expanding the ontology.
- Linked data ontology with a BIBFRAME core with for describing performed music.
- RDA profile to complement the ontology for shared use by the library community, including list of preferred vocabularies.
- Representative selection of resource descriptions created using the Performed Music Ontology.
- Best practices for augmenting and/or manipulating performed music MARC bibliographic records to improve conversion to the Performed Music Ontology.
- Evaluation of the project findings with a set of recommendations for further research and development.
- Presentation of project findings to appropriate library and linked data communities.

Current Activities

Analysis/Modeling

- Finalizing modeling of performers, medium of performance, and events in relation to works; basic model for dealing with aggregate works.

Community Engagement

- Analysis & critique of modeling papers by Music Library Association Linked Data Working Group
- Working with Library of Congress to have LC host PMO

Tool Exploration / Requirements Definition

- [PMO](#) in Protégé
- [PMO](#) in github
- [PMO vocabularies](#) in github

Collaboration

- gathering of use cases from members of MLA and ARSC
- exploration of event models by Linked Data Working Group of MLA (LuDWig)
- medium of performance modeling shared with RSC Music Working Group
- sharing of data models for events and medium of performance with Library of Congress
- addition of medium of performance model to LC Editor templates

Team

Nancy Lorimer (lead) (Stanford)
Kirk-Evan Billet (MLA; Peabody Institute-Johns Hopkins)
Chew Chiat Naun (PCC; Cornell)
Greta de Groat (Stanford)
Arcadia Falcone (Stanford)
Caitlin Hunter (ARSC; LC)
Kevin Kishimoto (Stanford)
Wendy Sistrunk (ARSC; U Missouri, Kansas City)
Jim Soe-Nyun (MLA; UC San Diego)
Hilary Thorsen (Stanford)
Valerie Weinberg (LC)

Link to [working documents](#) (for partners only)

Completed Work

Analysis/Modeling

- Gathered existing use cases for performed music metadata and developed further [use cases](#).
- Surveyed existing linked data efforts related to [performed music](#).
- Preliminary position paper on [titles](#) (submitted to all ontology group)
- Analyzed BIBFRAME and [added classes and properties](#) relevant to performed music.
- [Submitted](#) added classes of bf:Identifier, definition changes to music-related bf:Identifier subclasses, and bf:Identifier subclass changes to LC
- Modeled performed-music-specific concepts including [thematic catalog and opus numbers](#) and [musical key and mode](#).
- [List of all classes, properties, individuals in PMO \(updated 2018-07-03\)](#)
- Analysis and modelling papers:
 - [Use cases](#)
 - [Events \(updated 2018-06-27\)](#)
 - [Medium of performance. Part 1 \(updated 2017-09-10\)](#)
 - [Medium of performance. Part 2 \(updated 2017-09-10\)](#)
 - [Medium of performance. Part 3 \(updated 2017-09-27\)](#)
 - [Works. Part 1 \(Draft-added 2017-12-05; corrected 2017-12-09\)](#)
 - [Works. Part 2, Compilations \(Updated Draft-2018-07-03\)](#)
- Mappings:
 - [MARC 382 field to PMO \(Drafty\)](#)

Presentations

- [Performed Music & BIBFRAME: Enriching the Ontology](#). ALCTS series: From MARC to BIBFRAME-Enhanced. *ALCTS webinar by Nancy Lorimer, March 28, 2018.*
- [Love from Afar: Modeling music audio & video recordings in BIBFRAME, the Performed Music Ontology, and Beyond](#). *presentation by Nancy Lorimer, OLAC general meeting, ALA Annual, Chicago IL, June 2017*
- [Modeling Metadata for Sound Archives: extending BIBFRAME 2.0 for archival sound resources](#) *presentation by Caitlin Hunter & Nancy Lorimer, ARSC, San Antonio, TX, May 2017*
- [Linked Data for Production: Stanford Projects](#) *presentation by Nancy Lorimer, Bibliothèque Nationale de France, February 2017*
- [Linked Data for Performed Music: a performed music ontology extension to BIBFRAME 2.0](#) *presentation by Kevin Kishimoto & Nancy Lorimer, Music Library Association Annual Meeting, Orlando, Fla., February 2017*
- [Linked Data for Performed Music: an extension to BIBFRAME 2.0 for production & archival cataloging of sound recordings & music videos](#) *presentation by Nancy Lorimer, BIBFRAME Update Forum, ALA Midwinter, Atlanta, Ga., January 2017*
- [BIBFRAME beyond books: explorations in extending BIBFRAME 2.0 to improve discovery of performed music](#) *presentation by Nancy Lorimer & Michelle Futornick, PCC Participants' Meeting, ALA Midwinter, Atlanta, Ga., January 2017*
- [Linked Data for Performed Music: a Linked Data for Production project](#) *presentation by Nancy Lorimer, Heads of Cataloging Interest Group, ALA Annual, Orlando, 2016*