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*