

Library of Congress Project Proposal

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Audio Visual and Sound Recordings

Overview

This project will explore best practices for creating Linked Data descriptions for Library of Congress resources for audio visual and sound recording resources (AV). The Library of Congress work will focus on its archival film and recorded sound whereas other LD4P projects involving this material will have different perspectives. Being able to collaborate during the development will enhance the work. A major study was commissioned by the Library in 2014 regarding data models for AV data, and another study is being prepared that analyzes the need for technical and preservation metadata in bibliographic descriptions. The recommendations from these studies need to be integrated into the BIBFRAME model and the BIBFRAME vocabulary adjusted. That activity will be part of this project and also the Library of Congress Vocabulary 2.0 project. In addition, this project will evaluate the thesauri and controlled vocabularies best suited to describe audio visual and sound recording resources in a linked data environment.

Objectives

- Accommodate the AV model referenced above into the BIBFRAME environment.
- Investigate relationship between descriptive and technical metadata and investigate other vocabularies for describing properties of audio visual and sound recording resources.
- Create and evaluate BIBFRAME Editor profiles for audio visual and sound recording resources using BIBFRAME 2.0.
- Inform the development of metadata production tools to ensure compatibility for describing audio visual and sound recording resources.
- Describe a representative selection of audio visual and sound recording resources using the BIBFRAME Editor profiles and make these descriptions available.
- Evaluate project results and share a set of recommendations for further research and development.
- Engage with external metadata communities (Program for Cooperative Cataloging (PCC), Online Audiovisual Catalogers (OLAC), Music Library Association (MLA), Association for Recorded Sound Collections (ARSC), etc.) to discuss best practices for the description of audio visual and sound recording resources.

Community

- Library of Congress cataloging, training, and technical divisions, and the National Audio Visual Conservation Center staff
- LD4P partner institution members
- Selection of project contributors from the greater community of AV metadata specialists and linked data professionals

Deliverables

- Specifications and profiles for the BIBFRAME Editor to describe audio visual and sound recording resources
- Documentation for describing audio visual and sound recording resources using the BIBFRAME Editor
- Representative selection of BIBFRAME descriptions
- Evaluation of project findings with a set of recommendations for further research and development
- Presentations of project findings to appropriate metadata and linked data communities such as the Program for Cooperative Cataloging (PCC), Online Audiovisual Catalogers (OLAC), the Music Library Association (MLA), and the Association for Recorded Sound Collections (ARSC)

Prints and Photographs

Overview

This project will explore best practices for creating Linked Data descriptions for Library of Congress print and photograph resources. This material has special characteristics such as uniqueness of items and derivative material for items. As a result the Resource Description and Access (RDA) provisions are not closely followed in cataloging this material and the community has indicated that other data models may apply to the material. The project will evaluate BIBFRAME's effectiveness as a data model for describing print and photograph resources, taking into account the differences in cataloging rules and the Visual Resources Association standards. In addition, the project will evaluate the thesauri and controlled vocabularies best suited to describe print and photograph resources in a linked data environment.

Objectives

- Evaluate the existing BIBFRAME schema for suitability for describing print and photograph resources.
- Investigate VRA and other available standards for describing properties of print and photograph resources.
- Create and evaluate BIBFRAME Editor Profiles for print and photograph resources. Inform the development of metadata production tools to ensure compatibility for describing print and photograph resources.
- Describe a representative selection of print and photograph resources using the BIBFRAME Editor profiles.
- Evaluate project results and share a set of recommendations for further research and development.
- Engage with external metadata communities (Program for Cooperative Cataloging (PCC), Art Libraries Society of North America (ARLIS), etc.) to discuss best practices for the description of print and photograph resources.

Community

- Library of Congress training and technical, and selected catalogers from the Library of Congress Prints & Photographs Division
- Columbia University colleagues developing BIBFRAME description for two- and three- dimensional art objects
- LD4P partner institution members
- Selection of project contributors from the greater community of metadata developers and linked data professionals

Deliverables

- Profiles for the BIBFRAME Editor for use to describe print and photograph resources
- Training documentation for describing print and photograph resources using the BIBFRAME Editor
- Representative selection of BIBFRAME descriptions of prints and photograph resources
- Evaluation of project findings with a set of recommendations for further research and development
- Presentations of project findings to appropriate metadata and linked data communities such as the Program for Cooperative Cataloging (PCC) and the Art Libraries Society of North America (ARLIS)

BIBFRAME 2.0

Overview

This project will continue the development of an RDF vocabulary that can be used broadly in the library and cultural heritage environment. At this point BIBFRAME is built on a vocabulary that was stabilized for a year by the Library of Congress to enable experimentation with the BIBFRAME Model. In early 2015, The Library began to analyze the comments that had come from the community over the past year, engaged a consultant to review and provide advice on the vocabulary, and began to make proposals for change to the vocabulary, dividing it into functional parts. There is much to be done to publish the revised specification(2.0), which is based on these reviews. The techniques for extending the vocabulary to accommodate the different resource models and requirements of unique material like that for still image material, audiovisual data, and archival collections need to be developed, and the relationship of bibliographic metadata to technical metadata needed for resource preservation activities studied. The LD4P projects will also investigate descriptions of specialized resources and collaboration with and among those projects will help lead to a viable end result. The deliverables for the project will be the BIBFRAME 2.0 vocabulary proposal, revised BIBFRAME model, namespace documentation, and recommended extension framework. The development will be tested through pilot activity.

Objectives

- Complete proposals for BIBFRAME 2.0 vocabulary that have been reviewed by the community and invited experts.
- Develop an OWL ontology and namespace document for BIBFRAME 2.0.
- Release a BIBFRAME 2.0 model revision.
- Develop a BIBFRAME framework that supports and enables flexibility and standardization.
- Redevelop software tools that the Library of Congress makes available to the 2.0 specification.
- Test the new vocabulary in a pilot.
- Keep the community informed, inviting comment and participation.

Community

- Library of Congress, library community, BIBFRAME and RDF experimenters
- LD4P organizational members
- Cultural heritage organizations

Deliverables

- Publish BIBFRAME 2.0 namespace document.
 - Publish BIBFRAME 2.0 model. Framework proposal for ongoing augmentation of the BIBFRAME environment.
 - Presentation of vocabulary issues and proposals at appropriate community forums, such as the LC BIBFRAME update at ALA, other ALA forums, and DLF.
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General RDA Collections

Overview

This project will explore the BIBFRAME and RDA data models and best practices for creating Linked Data descriptions for Library of Congress resources in monograph, serial, notated music, and cartographic formats. These are data types at the Library that are most actively using the Resource Description and Access (RDA) cataloging provisions and this project will investigate the compatibility of the RDA and BIBFRAME models. BIBFRAME's effectiveness for describing those resources for user needs will also be evaluated. In addition, the project will evaluate the thesauri and controlled vocabularies best suited to describe monographic, serial, notated music, and cartographic resources in a linked data environment.

Objectives

- Evaluate the existing BIBFRAME model for compatibility with RDA.
- Create and evaluate BIBFRAME Editor RDA profiles for monographic, serial, notated music, and cartographic resources.
- Inform the development of metadata production tools to ensure compatibility for describing monographic, serial, notated music, and cartographic resources.
- Describe a representative selection of monographic, serial, notated music, and cartographic resources using the BIBFRAME Editor RDA profiles.
- Evaluate project results and share a set of recommendations for further research and development.
- Engage with external metadata communities (Program for Cooperative Cataloging (PCC), Music Library Association (MLA), American Association of Law Libraries (AALL), Map & Geospatial Information Round Table (MAGIRT), etc.) to discuss best practices for the description of monographic, serial, notated music, and cartographic resources

Community

- Library of Congress departments for cataloging monographs and serials, maps, and music.
- LD4P partner institution members.
- Selection of project contributors from the greater community of metadata developers and linked data professionals

Deliverables

- Description of BIBFRAME compatibility with RDA
- BIBFRAME Editor RDA profiles to describe monographic, serial, notated music, and cartographic resources, shared with the community
- Documentation for describing monographic, serial, notated music, and cartographic resources using the BIBFRAME Editor
- Representative selection of BIBFRAME descriptions
- Evaluation of project findings with recommendations for further research and development
- Presentations of project findings to appropriate metadata and linked data communities such as the Program for Cooperative Cataloging (PCC), the Music Library Association (MLA), the American Association of Law Libraries (AALL), and the Map & Geospatial Information Round Table (MAGIRT)