Linked Data for Libraries

Library of Congress Update
Linked Data at the Library of Congress

• id.loc.gov

• bibframe.org
Linked Data at the Library of Congress

id.loc.gov

- Code lists, vocabularies,
- Names, subjects, other authorities

Available Datasets
The Linked Data Service provides access to commonly found standards and vocabularies promulgated by the Library of Congress. This includes data values and the controlled vocabularies that house them. The following are currently offered as part of this service:

- LC Subject Headings
- LC Name Authority File
- LC Classification
- LC Children’s Subject Headings
- LC Genre/Form Terms
- LC Medium of Performance
- Thesaurus for Music
- Thesaurus for Graphic Materials
- AFS Ethnographic Thesaurus
- Cultural Heritage Organizations
- MARC Relators
- MARC Countries
- MARC Geographic Areas
- MARC Languages
- ISO639-1 Languages
- ISO639-2 Languages
- ISO639-5 Languages
- Extended Date/Time Format
- Identifiers
- Carriers
- Content Types
- Media Types

Alternate Formats
- RDF/XML (MADS and SKOS)
- N-Triples (MADS and SKOS)
- JSON (MADS/RDF and SKOS/RDF)
- MADS - RDF/XML
- MADS - N-Triples
- MADS/RDF - JSON
- SKOS - RDF/XML
- SKOS - N-Triples
- SKOS - JSON
Linked Data at the Library of Congress

bibframe.org

• Vocabulary
• BIBFRAME editor
• Marc2bibframe transformation software

• Coming Soon: Profile Editor, Search/Display Tool
BIBFRAME Pilot

Native BIBFRAME data creation by LC staff in a variety of disciplines, formats, languages, etc.

Prerequisites:

• Creation of a data platform for RDF
• Installation of BF Editor, Profile Editor, Search/Display software
• Modification of transformation tool for changes to vocabulary.
• Conversion of Name/Title Authorities into BIBFRAME Works and Instances
• Links to OCLC Works
• Conversion of LC Bibliographic records into BIBFRAME, merging with Works already established
Questions?

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Network Development & MARC Standards Office
Library of Congress
Washington, DC
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LC BIBFRAME website
http://www.loc.gov/bibframe/

BIBFRAME Vocabulary
http://bibframe.org/vocab/

BIBFRAME Tools
http://bibframe.org/tools/

Compare MARC-2-BIBFRAME
http://bibframe.org/tools/compare/
http://bibframe.org/tools/transform/start

BIBFRAME Editor
http://bibframe.org/tools/editor/

Listserv
http://listserv.loc.gov/listarch/bibframe.html

Code Repository
https://github.com/lcnetdev/