



Linked Data for Libraries

Library of Congress Update



LIBRARY OF CONGRESS

Nate Trail [ntra@loc.gov]

LD4L Linked Data Workshop, Feb 2015

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](#)



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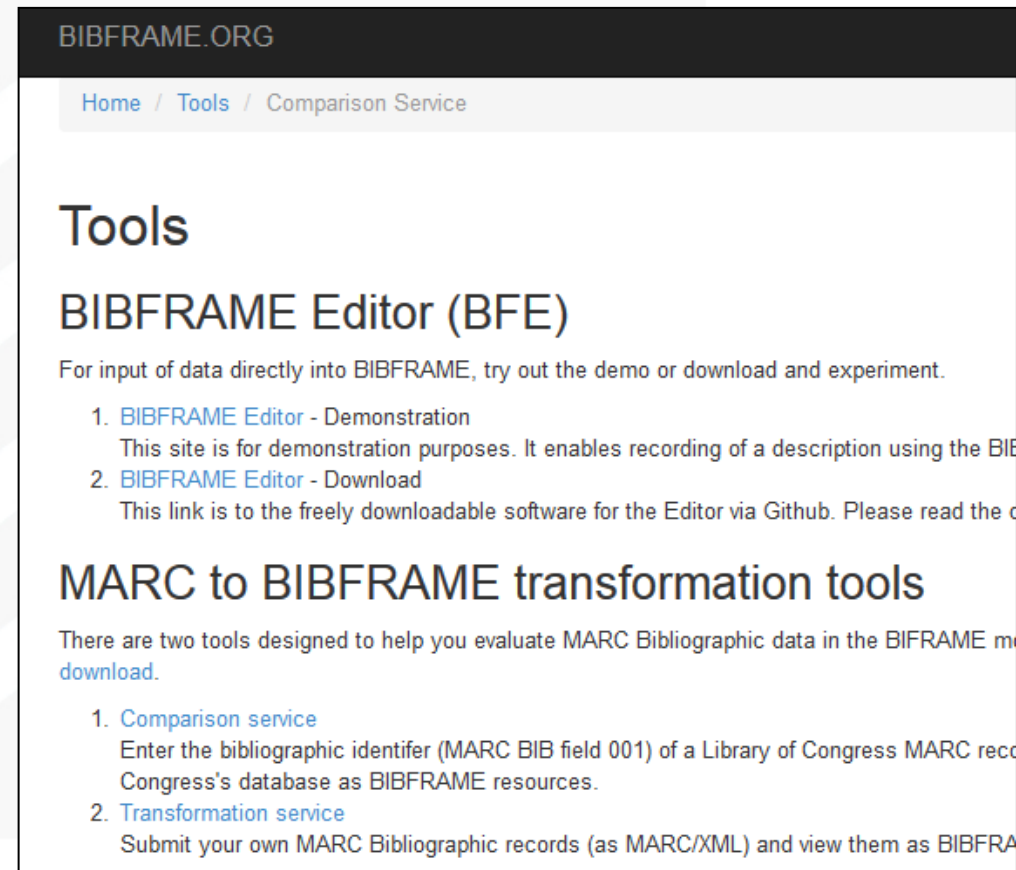
Nate Trail [ntra@loc.gov]

Linked Data at the Library of Congress

bibframe.org

- Vocabulary
- BIBFRAME editor
- Marc2bibframe transformation software

- Coming Soon:
Profile Editor,
Search/Display Tool



The screenshot shows the website **BIBFRAME.ORG** with a navigation bar containing [Home](#), [Tools](#), and [Comparison Service](#). The main heading is **Tools**. Below it is the section **BIBFRAME Editor (BFE)** with the text: "For input of data directly into BIBFRAME, try out the demo or download and experiment." This section contains two numbered items: 1. [BIBFRAME Editor - Demonstration](#) with the description "This site is for demonstration purposes. It enables recording of a description using the BIBFRAME Editor." and 2. [BIBFRAME Editor - Download](#) with the description "This link is to the freely downloadable software for the Editor via Github. Please read the documentation." Below this is the section **MARC to BIBFRAME transformation tools** with the text: "There are two tools designed to help you evaluate MARC Bibliographic data in the BIBFRAME model. You can download the software or use the online tools." This section contains two numbered items: 1. [Comparison service](#) with the description "Enter the bibliographic identifier (MARC BIB field 001) of a Library of Congress MARC record and compare it with the Library of Congress's database as BIBFRAME resources." and 2. [Transformation service](#) with the description "Submit your own MARC Bibliographic records (as MARC/XML) and view them as BIBFRAME records."



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?

Nate Trail
Network Development & MARC Standards Office
Library of Congress
Washington, DC
ntra@loc.gov

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/>

