Session title: Bibliographic Framework Initiative: Update, Initial Model, Tools, and How You Can Participate
and
All Creatures Great and Small: Metadata for Biodiversity Illustrations
Presenter(s): Kevin Ford, Network Development and MARC Standards Office, Library of Congress
Uche Ogbuji, Zepheira LLC
Nate Trail, Library of Congress
and
Robert Guralnick, University of Colorado
Trish Rose-Sandler, Missouri Botanical Garden
William Ulate, Missouri Botanical Garden
Gaurav Vaidya, University of Colorado Boulder
Time of session: Monday, November 5, 4-5:30pm
Room: Tabor Auditorium

Notes on session: Bibliographic Framework Initiative: Update, Initial Model, Tools, and How You Can Participate

Kevin Ford (LC)
Lead behind id.loc.gov;

Uche Ogbuji, Zepheira LLC

Topics to be covered
- What is bib framework
- Requirements
- BFI/linked data
- Model basics
- Early experimentations

There is a need to reimagine and implement the bibliographic environment for the post-MARC world. LC contracted with Zepheira to do this. It's important to remember that this goes beyond just replacing MARC

The content standard must be agnostic. All types of library holdings will be involved and this must be kept in mind for description and management. Also, there must be a provision for data that supports bibliographic description for authority data, holdings, and classification

This is being designed because of increasing user expectations and its chief characteristics will be:
- URIs
- Decentralization of data

- Ability to annotate or otherwise augment data
- Flexibility for future cataloging and uses
- Leverage technology while leaving librarians to their areas of expertise
- Web-ready/web-accessible-more openness

Bibliographic Framework Initiative and linked data
Linked Data
- RDF vocabulary/data model
- Network-based technological protocols
- For the web, on the web
Relationships
- Links replace strings; there will be reduced maintenance
- URIs=authority
- Atomicity=flexibility
Relationship to MARC
- MARC has provided means for data representation
- MARC has been a suitable communication format

Zepheira's relevant history
collaboration between experts in Web architecture in information technology and experts in library science
- Pioneers in XML, web services, web 2.0, schema.org, etc.
- Prior projects with OCLC, NLB, Singapore, Elsevier, Thomson Reuters, other LC projects
- Some work with DPLA

Zepheira's role so far
- Review initiatives related to Bibframe
- Draft model for interchange of records in LC framework
- Produce prototypes and tools to enable testing and evaluation
- Create roadmap for moving forward toward refinement, redevelopment

Related efforts
- RDA
- FRBR ONIX/Indec
- Worldcat/Schema.org
- etc.

Benefits of LC model
- Flexibility/description
- Reusable links
- Links to external sources
- Integration of catalogues into general purposes

- Lightweight model for future uses
- Facilitate reuse of data
- Improved profile/seo of credible records

Core classes:
- Work
- Instance
- Authority
- Annotation

An annotation makes an assertion about one of the other core classes, e.g., reviews, excerpts, holdings, book cover images, authority information, administrative metadata

Bibframe is in draft status now, although a high level model will be released in a week or two. LC tests are promising. A small group of early experimenters are investigating the model and adjustments will be made as needed. Development will be iterative, and mappings and conversion tools will be released. It will probably be available before the end of the calendar year.

http://loc.gov/marc/transition
http://listserv.loc.gov/listarch/bibframe.html
bibframe@listserv.loc.gov

Notes on session: All Creatures Great and Small: Metadata for Biodiversity Illustrations

Art of Life: data mining and crowdsourcing id and desc of natl history illustrations from BHL
Users want access to images: not searchable by image content
BHL Flickr stream--manual process; lots of staff time
Art of Life
    metadata schema for natural history illustrations
    Extract (pull out pages with any type of image), classify (broad types), describe
(metadata in external platforms), share
draft schema:
tinyurl.com/9hm7nsb
classifier tool:
code.google.com/p/macaw-book-metadata-tool/

Schema:
VRA Core 4.1 -- 9 elements
LIDO
Darwin core (2 elements)
Dublin core

biodivlib.wikispaces.com/Art+of+Life