Making the Future Happen with MARCEdit

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Prince
American singer-songwriter

Available on
- YouTube
- Spotify
- Apple Music

Prince Rogers Nelson was an American singer, songwriter, musician, record producer, dancer, actor, and filmmaker. With a career spanning four decades, Prince was known for his eclectic work and flamboyant stage appearances. He was also a multi-instrumentalist and regarded as a guitar virtuoso. [Wikipedia]

Born: June 7, 1958, Minneapolis, MN
Died: April 21, 2016, Paisley Park, Chanhassen, MN
WHERE WE ARE...

• In library bibliographic records, **authorized access points** includes subjects, names, and titles (series)
• Linked to an **authority record (AR)**.
LRM (LIBRARY REFERENCE MODEL)

• person = a real human being
  • No longer encompasses fictitious or legendary characters, or real non-human entities
  • Also true for agent, collective agent, and family
  • Redefined person – excludes fictitious (use pseudonym)
• Changes!!!
ANOTHER EXAMPLE OF A CHANGE

AACR2

• Families could only be included as subjects (LCSH) in bib records
• LCSH for families applied for ALL families with the same name (or variants of the same name)

RDA

• Families can be creators or contributors in bib records (& have name authority records)
• New elements form part of the preferred name
• Jr., Sr., III, etc.
• New “occupation” qualifiers to break conflict
• No more abbreviations (No more fl., ca., b., d., Dept., etc.)
• Conferences, meetings, exhibitions, fairs and festivals all now have same rules in RDA
• Omit number or years
  Keep frequency (Annual, Biennial, etc.)
Can remediate metadata

- verify names and subjects (can not globally fix subjects) – checks 1XX, 6XX, 7XX

Enrich metadata

- Batch add subjects
- Create local authority entries for names
- Create a local series
- Add linked data for subjects and names
OPENREFINE & MARCEdit CAN WORK TOGETHER

Break MARC

- MARCEdit
- Convert MARC; use built-in tools to edit records (add fields, RDA cleanup, etc.)
- Add linked data

Validate MARC

- Fix file issues
- OpenRefine
- Find issues; fix
- Export back to MARCEdit to validate
- Work with nonMARC metadata

Robin Fay, 2018
You can do this work in small batches, e.g., do the 1XX/7XX first, review your records, then do the 6xx.

If you choose to only process the $a of your 6XX fields, no subdivisions will be checked.

Automatically correct variants will automatically correct headings that match a variant ("Use for") heading.
MARCEDIT TOOLS FOR CLEANUP

Add/Delete Field
Copy Field Data
Edit Fields
Edit Indicators
Edit Subfield Data
Swap Fields

Edit Field Data
Field: 650
Find: human body-social aspects
Replace: Human body--Social aspects
Options
- Match Case
- Use Regular Expressions

MarcEdit.NET
191 modifications were made.

Process Close
Local names created by MARCEdit> Batch add the relator codes using the RDA Helper too.
So beyond fixing and remediating our data, we are starting to look at extending our data.

We can add links (linked data) into our subject headings and names to refer back to those.

Linked data as we have used it thus far has been to link to an authoritative resource (e.g., actual link to the author’s authority record).
FRBR AND RDA HAVE BEEN EXPANDING OUR VIEW OF RELATIONSHIPS AND ALSO HOW CATALOGING FACILITATES SEARCH (FRBR USER TASKS)

Taking that one step further, would it not be to the benefit of our users to provide more context through linking to other related resources? Going beyond just linking to our own library community resources?
Real World Objects (also called Real World Things) are a machine construct often used in programming (which of course, is an engine for the web, devices, social media, & more).

Examples of RWOs include people, dogs, places – anything that exists.

We can now link to all sorts of resources!

$0 Authoritative $1 Not
WHICH MARC FIELDS?

The subfields that correspond to the object designated by the URI in ‡0 (or ‡1)
650 12 ‡a Arthritis ‡x diagnosis. ‡1
http://id.nlm.nih.gov/mesh/D001168Q000175
(Usage in the individual field varies >MARC thing!)

PCC URI group is working on a set of tables for commonly used MARC fields. (See Task Group’s April 15, 2017 report, page 5:
LINKED DATA

610 20 ‡a Harvard University ‡x Students ‡v Yearbooks. ‡0
http://id.loc.gov/authorities/subjects/sh85059205

650 12 ‡a Arthritis ‡x diagnosis. ‡1
http://id.nlm.nih.gov/mesh/D001168Q000175

655 _7 ‡a Picture books. ‡2 lcgft ‡0
http://id.loc.gov/authorities/genreForms/gf201602609
‡1 http://dbpedia.org/resource/Picture_book
Add your file of MARC records; create your new save file & process.

MARCEDIT/MARCNEXT

RWOs would need a more manual process, using the Find, Edit, etc. tools.
Linked data generated through MARCEdit

thank you!