

# Making the Future Happen with MARCEdit

Robin Fay

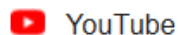


## Prince

American singer-songwriter



### Available on



YouTube



Spotify



Apple Music

▼ More music services

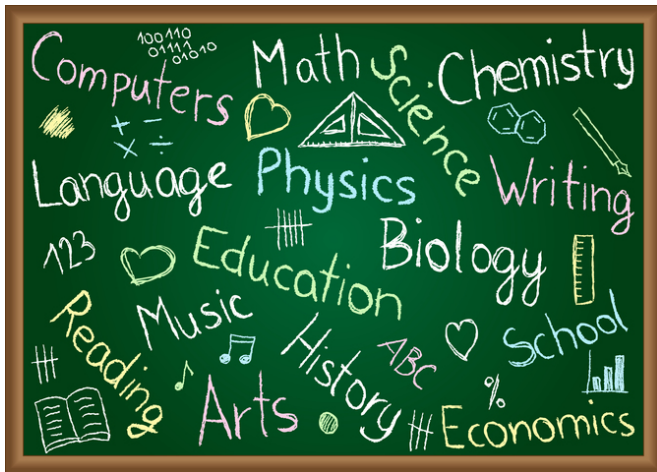
Prince Rogers Nelson was an American singer, songwriter, musician, record producer, dancer, actor, and filmmaker. With a career spanning four decades, Prince was known for his eclectic work and flamboyant stage appearances. He was also a multi-instrumentalist and regarded as a guitar virtuoso. [Wikipedia](#)

**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)**.



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# 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)



Robin Fay training 2019

- 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

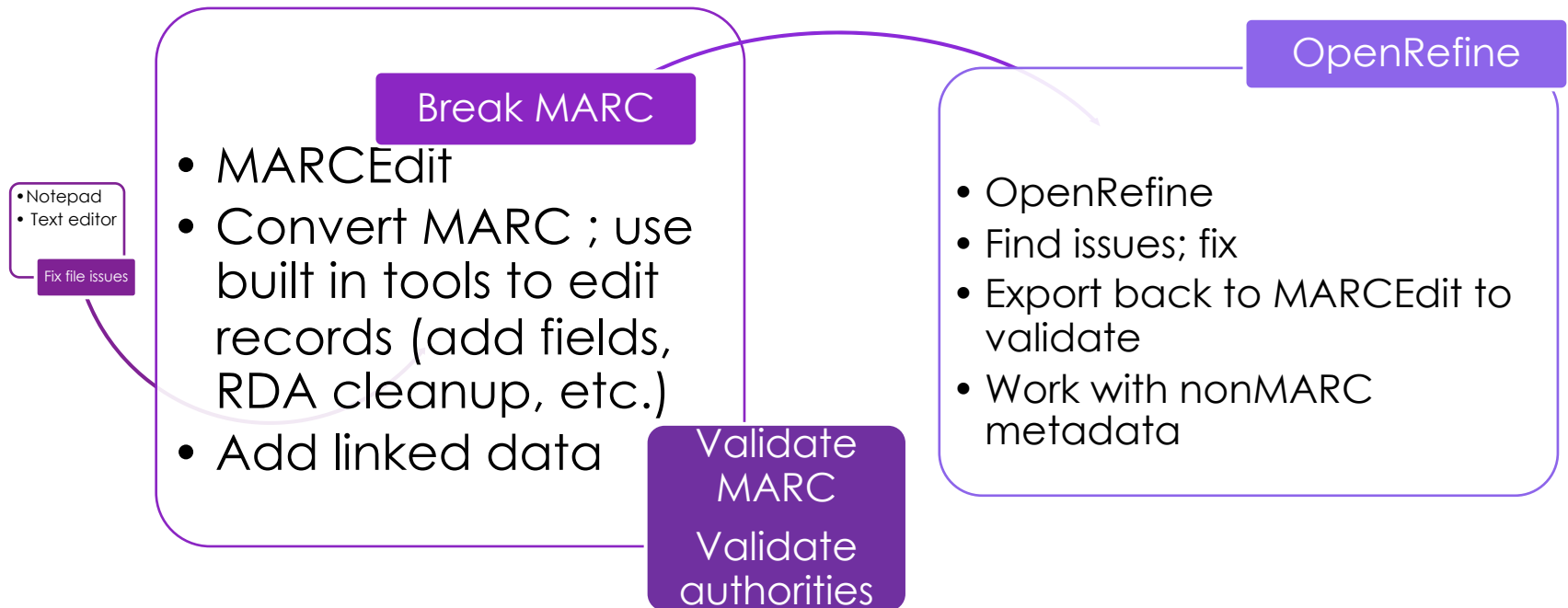
- verify names and subjects (can not globally fix subjects) – checks 1XX, 6XX, 7XX

### 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



The Headings Validation tool can be used to validate 1xx, 6xx, or 7xx fields. The tool utilizes a combination of web and local services to determine if a heading appears in an authorized heading.

Source:

C:\Users\georg\Downloads\openaccess\Springer\ 

Generate Brief Personal Name Authorities

Authorize 1xx/7xx fields

Authorize 6xx field

Only Process Subfield A

Automatically Correct Variants

Embed URIs when Possible

Download LC Authorities

Status:

# MARCEdit

Process


Extract

Close

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.



Does not  
add  
relator  
codes



# MARCEdit TOOLS FOR CLEANUP

MarcEdit.NET Batch Editing Tools



[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

Process

Close

MarcEdit.NET



191 modifications were made.

OK

Record #1

Heading not found for: Food security--Africa  
Heading not found for: Emigrant remittances--Africa  
Heading not found for: Food industry and trade--Africa

Record #2

Heading not found for: Sociolinguistics--Africa--Congresses

Record #4

Heading not found for: Kasozi, A.B.K.  
Heading automatically generate for: Kasozi, A.B.K.

Local names created by MARCEdit> Batch add the relator codes using the RDA Helper too.



RDA Helper

- Add 100 \$e Relator Field
- Add 336 -- Content Type
- Add 337 -- Media Type
- Add 338 -- Carrier Type
- Add 344 -- Sound Characteristics
- Add 345 -- Proj. Characteristics
- Add 346 -- Video Characteristics
- Add 347 -- Digital Characteristics
- Add 380 -- Form of Work
- Add 381 -- Other
- Evaluate 260/264
  - Always use ©, © symbols
- Qualifying Information (015/020/024/027)
- Modify 040 -- add \$erda
  - \$b: language of cataloging
- Process the 502
- Delete GMD
- Generate GMD
- Expand Abbreviations

[Edit List](#) | [Edit Fields](#)

Select: [All](#) | [None](#) ⓘ

OK Close

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?



# CONTENT EVERYWHERE

## Videos



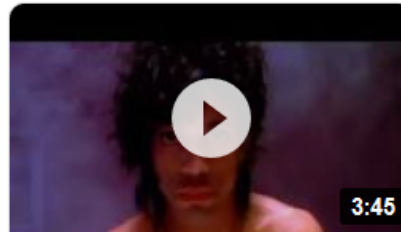
Prince - Purple Rain (Official Video)

The Godfather  
YouTube - Apr 22, 2016



Prince - Manic Monday (Official Music Video)

Prince  
YouTube - Jun 23, 2019



Prince - When Doves Cry (Official Music Video)

Prince  
YouTube - Jul 7, 2017



## Prince | Official Website

<https://www.prince.com/> ▼

The **Prince** Estate passionately presents **Prince's** life and work, and cultivates opportunities to further his legacy. We aim to immerse fans, old and new, ...

## Prince - YouTube

**Full name:** Prince Rogers Nelson

## Songs

Little Red Corvette  
1999 - 1982

Raspberry Beret  
Around the World in a...

The Most Beautiful ...  
The Gold Experience ...



View 25+ more

## Albums

View 45+



Purple Rain  
1984



Originals  
2019



Sign 'O' the Times  
1987

People also search for View 15+

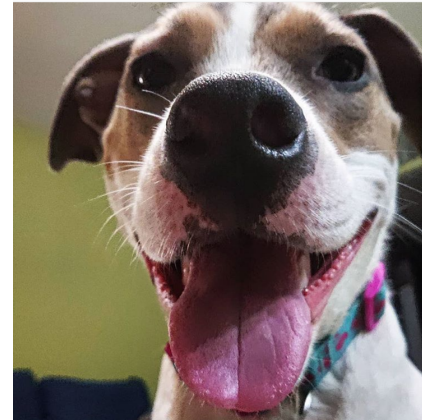


Real World Objects (also called Real World Things) are a machine construct often used in programming (which of course, is an engine for the web, devices, social media, & more).

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

We can now link to all sorts of resources!

\$0 Authoritative \$1 Not



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## 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:

[https://www.loc.gov/aba/pcc/bibframe/TaskGroups/PCC\\_URI\\_TG\\_20170415\\_Report.pdf\\_page=5](https://www.loc.gov/aba/pcc/bibframe/TaskGroups/PCC_URI_TG_20170415_Report.pdf_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/gf2016026096>

‡1 [http://dbpedia.org/resource/Picture\\_book](http://dbpedia.org/resource/Picture_book)





The Linked Data Tool has been designed to loop through a set of MARC records and resolve access points in the 1xx, 6xx, and 7xx data elements to their linked data end-points.

**Source File:**

C:\Users\georg\Downloads\openaccess\SpringerNature\_Books



**Save File:**

C:\Users\georg\Downloads\marc\_linkeddata.mrc



**Rules File:**

C:\Users\georg\AppData\Roaming\marcredit7\configs\linked\_da



Process

Service Status

Close

Add your file of MARC records; create your new save file & process

## MARCCREDIT/MARCNEXT

Status:

**ID Services**

- AutoDetect Main/Added Entry
- AutoDetect Subject ID
- Process 3xx Fields
- Limit Resolution to:

RWOs would need a more manual process, using the Find, Edit, etc. tools.

ives.  
=650 \0\$aHuman body-Social aspects.  
=650 \0\$aHuman Geography.  
=650 \0\$aArchitecture.\$0<http://id.loc.gov/authorities/subjects/sh85006611>  
=650 14\$aSociology of the Body.\$0<http://scigraph.springernature.com/things/product-market-codes/X22230>  
=650 24\$aChildhood, Adolescence and Society.\$0<http://scigraph.springernature.com/things/product-market-codes/X22090>  
=650 24\$aHuman Geography.\$0<http://scigraph.springernature.com/things/product-market-codes/X26000>  
=650 24\$aSociology of Family, Youth and Aging.\$0<http://scigraph.springernature.com/things/product-market-codes/X22080>  
=650 24\$aArchitecture, general.\$0<http://scigraph.springernature.com/things/product-market-codes/K0000X>  
=650 24\$aSociology, general.\$0<http://scigraph.springernature.com/things/product-market-codes/X22000>  
=700 1\$aSeymour, Julie.\$editor.\$4edt\$4<http://id.loc.gov/vocabulary/relators/edt>\$0<http://id.loc.gov/authorities/names/n990>  
\$1<http://viaf.org/viaf/39539986>  
=700 1\$aHackett, Abigail.\$editor.\$4edt\$4<http://id.loc.gov/vocabulary/relators/edt>  
=700 1\$aProcter, Lisa.\$editor.\$4edt\$4<http://id.loc.gov/vocabulary/relators/edt>  
=710 2\$aSpringerLink (Online service)\$0<http://id.loc.gov/authorities/names/no2005046756>\$1<http://viaf.org/viaf/148105729>  
=773 0\$tSpringer eBooks  
=776 08\$iPrinted edition:\$z9781137464972  
=776 08\$iPrinted edition:\$z9781349555871  
=776 08\$iPrinted edition:\$z9781349555864  
=830 \0\$aStudies in Childhood and Youth  
=856 40\$u<https://doi.org/10.1057/9781137464989>  
=912 \aZDB-2-PSE  
=950 \aPalgrave Social Sciences Collection (Springer-41146)  
  
=LDR 02004nam a22004215i 4500  
=001 978-3-642-91388-4  
=003 DE-He213  
=005 20190625161758.0

Linked data generated  
through MARCEdit



thank you!