



# AUTOMATING THE AUTHORITY CONTROL PROCESS

Stacey Wolf  
Cataloging and Metadata Librarian  
August 2, 2019

# Outline:

- What is authority control?
- Me and my library
- Different ways to automate authority control processes
- Some ideas on how to automate the authority control maintenance process
- Tips
- Resources and Questions

# What is Authority Control?

- “Authority control (or access point control) refers to the normalisation of controlled access points (headings) and the provision of alternative and related access points.” (pg 45, Žumer, 2009)
- Collocates all works by a specific author
- Helps disambiguate people, corporate bodies, or titles
- Can “identify and relate resources by subject” (pg. 45, Žumer, 2009)

# Name Authority Record [Apple Computer, Inc.]

010 Sa n 84040978

035 Sa (OCoLC)oca01161199

040 Sa DLC \$b eng \$e rda \$c DLC \$d DLC \$d UPB

046 \$s 1977 \$t 2007 \$2 edtf

110 2 Sa Apple Computer, Inc.

368 Sa Corporations, American \$2 lcs

370 Se Cupertino (Calif.) \$2 naf

371 Sa 1 Apple Park Way \$b Cupertino \$c CA \$e 95014

372 Sa Computer software \$a Computers \$a Household electronics \$a Macintosh (Computer) \$a iPod (Digital music player) \$2 lcs

377 Sa eng

410 2 Sa Apple (Firm)

410 2 Sa Apple Computer Company

500 1 Sw r Si Founder: Sa Jobs, Steve, \$d 1955-2011

500 1 Sw r Si Founder: Sa Wozniak, Steve, \$d 1950-

510 2 Sw r Si Successor: Sa Apple Inc.

670 Sa Price, J. How to write a computer manual, c1984: \$b CIP t.p. (Apple Computer, Inc.)

670 Sa The High-Tech marketing companion, 1993: \$b CIP galley (Apple)

670 Sa Wikipedia, 13 February 2007 \$b (Apple Inc.; American multinational technology company headquartered in Cupertino, California that designs, develops, and distributes consumer electronics, computer software, and online services; founded by Steve Jobs, Steve Wozniak, and Ronald Wayne; formerly known as Apple Computer Company (1977-2007); in January 2007, Jobs renamed the company Apple Inc., reflecting its shifted focus toward consumer electronics, and announced the iPhone, which saw critical acclaim and significant financial success; headquarters: 1 Apple Park Way, Cupertino, California); industry: Computer hardware; Computer software; Consumer electronics; Digital distribution; Semiconductors; Fabless silicon design; Corporate venture capital; products: Macintosh; iPod; iPhone; iPad; Apple Watch; HomePod; macOS; iOS; watchOS; tvOS; iLife; iWork; Final Cut Pro; Logic Pro; GarageBand)

# About Me

6 years at UNT

para-professional copy cataloger

- juvenile books and authority control
- batch e-resource record editing and loading

Cataloging and Metadata Librarian

- supervise the staff person who does most of our authority work
- working towards using an outside vendor

# University of North Texas Libraries' Catalog

Sierra ILS

Nearly 3  
million  
records

Add about  
100,000  
records  
annually

Decentralized  
cataloging

7 catalogers  
do their own  
authority work

1 person does  
all of the  
library's  
authority work

Report Type

- All
- Headings used for the first time
- Invalid headings
- Duplicate entries
- Blind references
- Duplicate authority records
- Updated bibliographic headings
- Near matches
- Records busy, not updated
- Non-unique 4XXs
- Cross-thesaurus matches

Exclude records without a CAT DATE

Entry Date Range

From:

To:

Limit to these Locations:

|       |   |     |                       |       |                         |       |                        |       |                        |   |                       |
|-------|---|-----|-----------------------|-------|-------------------------|-------|------------------------|-------|------------------------|---|-----------------------|
| All   | <table border="1"> <tr><td>czm</td><td>Chilton Media Library</td></tr> <tr><td>czmrf</td><td>Chilton Media Reference</td></tr> <tr><td>czmrs</td><td>Chilton Media Reserves</td></tr> <tr><td>czwww</td><td>MEDIA ONLINE RESOURCES</td></tr> <tr><td>d</td><td>Dallas Campus Library</td></tr> </table> | czm | Chilton Media Library | czmrf | Chilton Media Reference | czmrs | Chilton Media Reserves | czwww | MEDIA ONLINE RESOURCES | d | Dallas Campus Library |
| czm   | Chilton Media Library   |     |                       |       |                         |       |                        |       |                        |   |                       |
| czmrf | Chilton Media Reference   |     |                       |       |                         |       |                        |       |                        |   |                       |
| czmrs | Chilton Media Reserves  |     |                       |       |                         |       |                        |       |                        |   |                       |
| czwww | MEDIA ONLINE RESOURCES  |     |                       |       |                         |       |                        |       |                        |   |                       |
| d     | Dallas Campus Library   |     |                       |       |                         |       |                        |       |                        |   |                       |

Limit to these Logins:

|              |   |         |             |              |                   |        |            |         |            |       |               |
|--------------|---|---------|-------------|--------------|-------------------|--------|------------|---------|------------|-------|---------------|
| All          | <table border="1"> <tr><td>aacosta</td><td>Axel Acosta</td></tr> <tr><td>abajracharya</td><td>Anima Bajracharya</td></tr> <tr><td>abaron</td><td>Adam Baron</td></tr> <tr><td>acooper</td><td>Amy Cooper</td></tr> <tr><td>admin</td><td>administrator</td></tr> </table> | aacosta | Axel Acosta | abajracharya | Anima Bajracharya | abaron | Adam Baron | acooper | Amy Cooper | admin | administrator |
| aacosta      | Axel Acosta   |         |             |              |                   |        |            |         |            |       |               |
| abajracharya | Anima Bajracharya   |         |             |              |                   |        |            |         |            |       |               |
| abaron       | Adam Baron  |         |             |              |                   |        |            |         |            |       |               |
| acooper      | Amy Cooper  |         |             |              |                   |        |            |         |            |       |               |
| admin        | administrator   |         |             |              |                   |        |            |         |            |       |               |

Limit to these Programs:

|                    |  |       |                    |               |              |                |
|--------------------|--|-------|--------------------|---------------|--------------|----------------|
| All                | <table border="1"> <tr><td>Other</td></tr> <tr><td>Record Maintenance</td></tr> <tr><td>Global Update</td></tr> <tr><td>Rapid Update</td></tr> <tr><td>Record Loading</td></tr> </table> | Other | Record Maintenance | Global Update | Rapid Update | Record Loading |
| Other              |  |       |                    |               |              |                |
| Record Maintenance |  |       |                    |               |              |                |
| Global Update      |  |       |                    |               |              |                |
| Rapid Update       |  |       |                    |               |              |                |
| Record Loading     |  |       |                    |               |              |                |

Limit to these Statistics:

|     |  |   |        |   |            |    |                   |    |                    |    |                      |
|-----|--|---|--------|---|------------|----|-------------------|----|--------------------|----|----------------------|
| All | <table border="1"> <tr><td>0</td><td>System</td></tr> <tr><td>1</td><td>Web Logins</td></tr> <tr><td>10</td><td>Group/Admin Login</td></tr> <tr><td>50</td><td>Lib TACO Full Time</td></tr> <tr><td>95</td><td>Willis Self-Checkout</td></tr> </table> | 0 | System | 1 | Web Logins | 10 | Group/Admin Login | 50 | Lib TACO Full Time | 95 | Willis Self-Checkout |
| 0   | System   |   |        |   |            |    |                   |    |                    |    |                      |
| 1   | Web Logins   |   |        |   |            |    |                   |    |                    |    |                      |
| 10  | Group/Admin Login  |   |        |   |            |    |                   |    |                    |    |                      |
| 50  | Lib TACO Full Time   |   |        |   |            |    |                   |    |                    |    |                      |
| 95  | Willis Self-Checkout   |   |        |   |            |    |                   |    |                    |    |                      |

Local  
authority  
control  
priorities  
(Then)

# Local authority control priorities (Then)

## LIBRARY OF CONGRESS SUBJECT HEADINGS MONTHLY LIST 01 (January 18, 2019)

Select this link to view the [Summary of Decisions](#) of the weekly editorial meeting.

- 110 23 Harrison Street House (New York, N.Y.) [sp2018003013]  
410 UF 314 Washington Street House (New York, N.Y.)  
410 UF Jonas Wood House (New York, N.Y.)  
410 UF Wood House (New York, N.Y. : Harrison Street)  
550 BT Dwellings--New York (State)
- 110 27 Harrison Street House (New York, N.Y.) [sp2018002939]  
410 UF 317 Washington Street House (New York, N.Y.)  
410 UF John McComb Jr. House (New York, N.Y.)  
410 UF McComb House (New York, N.Y.)  
550 BT Dwellings--New York (State)
- 110 390 Van Duzer Street House (New York, N.Y.) [sp2018002690]  
550 BT Dwellings--New York (State)
- 110 428 Lafayette Street Building (New York, N.Y.) [sp2018002964]  
550 BT Dwellings--New York (State)  
510 BT La Grange Terrace (New York, N.Y.)
- 110 51 Market Street House (New York, N.Y.) [sp2018002892]  
410 UF Clark House (New York, N.Y. : Market Street)

<https://www.loc.gov/aba/cataloging/subject/weeklylists/>

## Authority records for 20190428

Authority Records updates posted after January 19, 2008 require Arial Unicode software packages or can be purchased separately. ([Learn more about Arial Unicode](#))

n 83218565  
**Old:** 100 1 Akhmatova, R. S. †q (Raisa Soltmuradovna), †d 1928-  
**New:** 100 1 Akhmatova, R. S. †q (Raisa Soltmuradovna), †d 1928-1992

n 81059040  
**Old:** 100 1 Amiss, John Milton, †d 1887-  
**New:** 100 1 Amiss, John M. †q (John Milton), †d 1887-1968

n 93064201  
**Old:** 100 1 Anderson, Marie, †d 1916-  
**New:** 100 1 Anderson, Marie, †d 1916-1996

n 95118310  
**Old:** 100 1 Arnold, Johann Christoph, †d 1940-  
**New:** 100 1 Arnold, Johann Christoph, †d 1940-2017

n 2009065966  
**Old:** 100 1 Atkinson, David, †d 1921-  
**New:** 100 1 Atkinson, David, †d 1921-2012

<https://www.oclc.org/authority-records.html>

# Local authority control priorities (Now)

- Use the "preceded by" and "followed by" lines to identify potential conflicts to investigate
- Don't load new subject headings records
- Don't update authority records as the national authority file changes
- General collection catalogers do their own authority work

Field: b7001 |aLee, Ellie.|d1970-|4prol

**Indexed as AUTHOR:** *lee ellie 1970*

**Preceded by "a":** *lee ellie*

**Followed by "a":** *lee elliott jason*

**From:** b61487843 Unnatural causes: is  
produced by California Newsreel ; in a  
Center for Asian American Media ; Lat

Field: b7001 |aKrause, Dan.

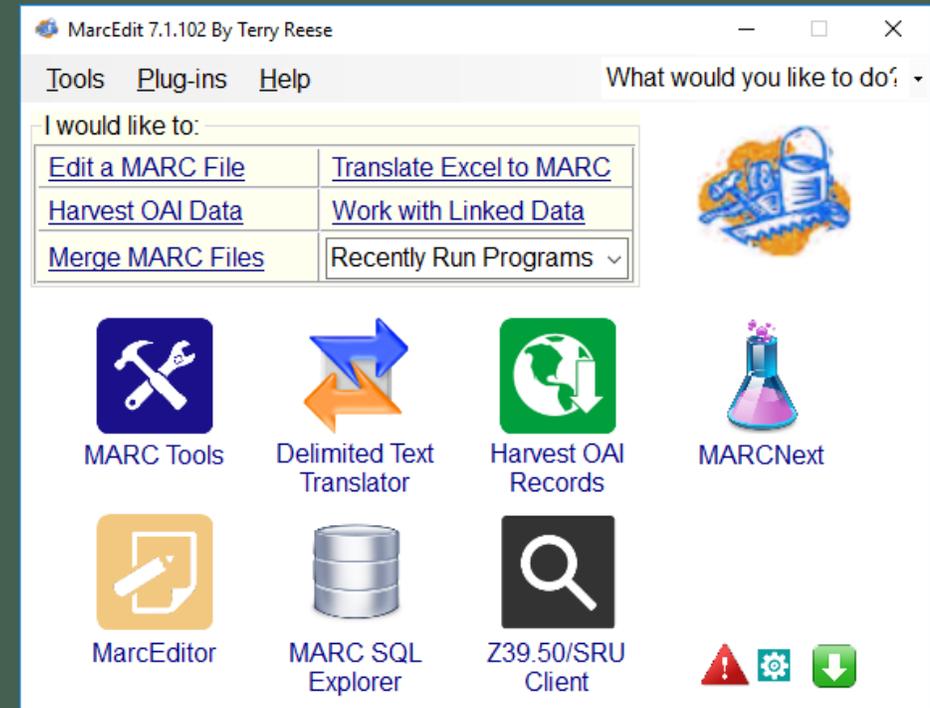
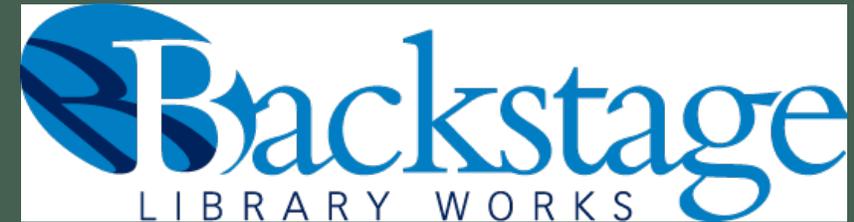
**Indexed as AUTHOR:** *krause dan*

**Preceded by "a":** *krause dagmar*

**Followed by "a":** *krause daniel j*

**From:** b61487843 Unnatural cause  
produced by California Newsreel ;  
Center for Asian American Media

# Automate!

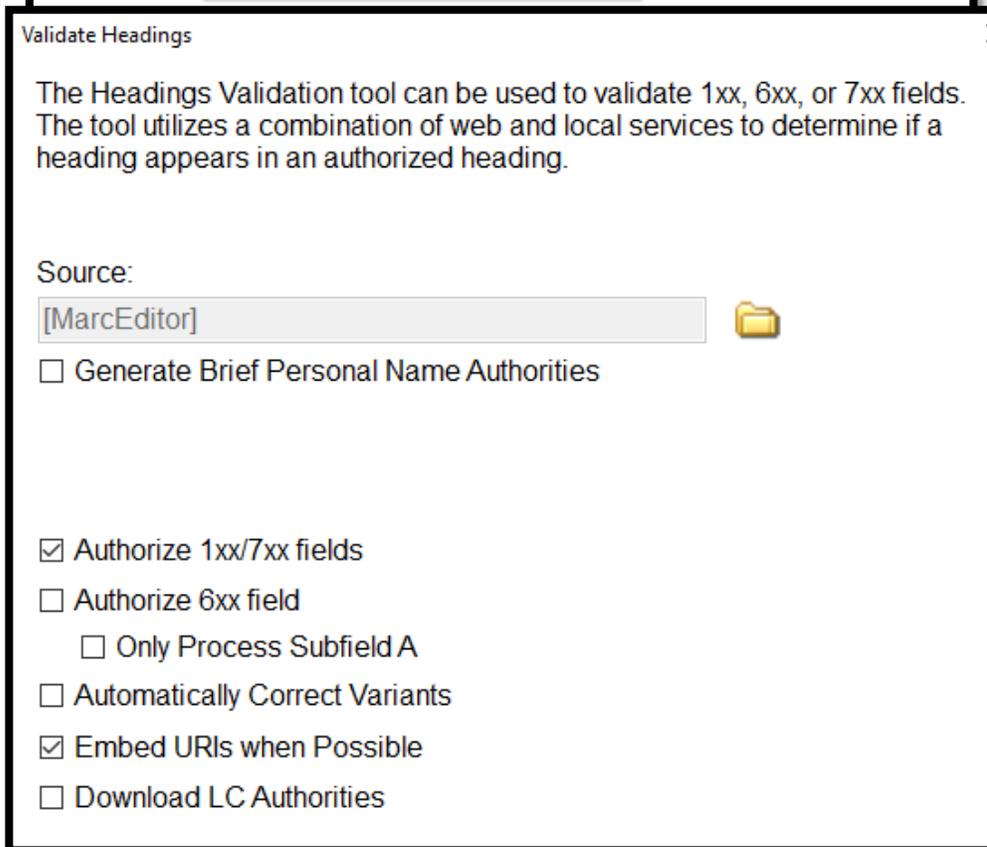
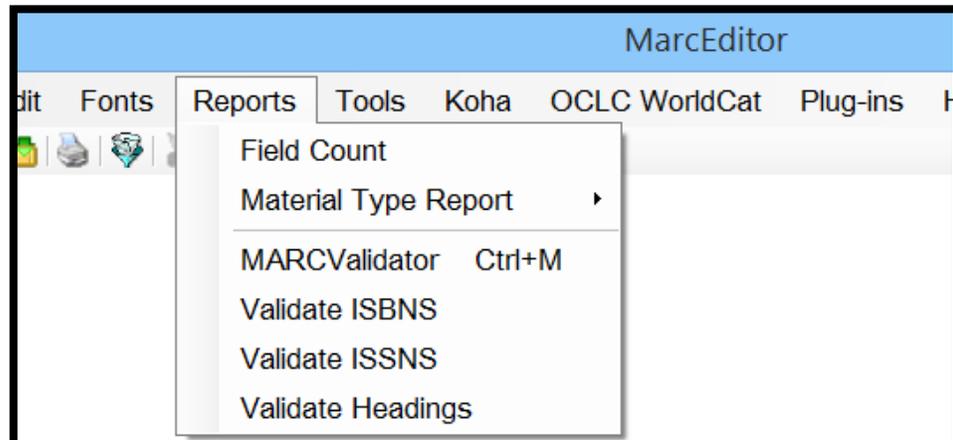




# Sierra (or your local ILS)

Headings Reports can identify new names and subjects, invalid uses, and duplicate records

Bibliographic Maintenance feature automatically updates bib records to a match new heading over night



# MarcEdit

- validate names and subjects to the right format before ever loading records
- download authority records
- add URI to \$0

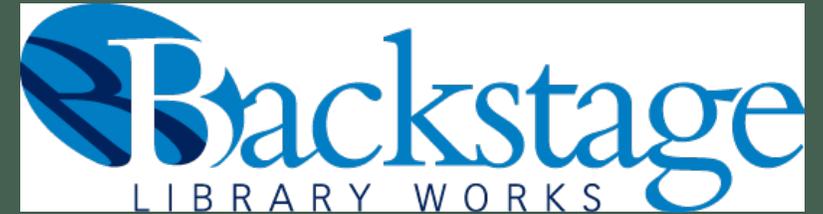
## automated process for

- cleaning up records,
- validating headings, and
- providing the library with authority records

## on-going maintenance

- process new bibliographic records
- notify the library if authorities change or are newly created from backfile

# Vendors





# BATCH-LOADING NEW AUTHORITY RECORDS

# Load records into Sierra, run Headings Reports, copy new names to Excel

**Report Type**

All

Headings used for the first time

Invalid headings

Duplicate entries

Blind references

Duplicate authority records

Updated bibliographic headings

Near matches

Records busy, not updated

Non-unique 4XXs

Cross-thesaurus matches

Exclude records without a CAT DATE

**Entry Date Range**

From: - -20

To: - -20

**Limit to these Locations:**

All

|       |                    |
|-------|--------------------|
| czm   | Chilton Media Libr |
| czmrf | Chilton Media Ref  |
| czmrs | Chilton Media Res  |
| czwww | MEDIA ONLINE RE    |
| d     | Dallas Campus Li   |
| dcare | Dallas Campus Ca   |
| dfic  | Dallas Campus Fi   |
| diuv  | Dallas Camous Ju   |

**Limit to these Logins:**

All

|          |                   |
|----------|-------------------|
| challman | Caroline Hallma   |
| chargis  | Carol Hargis      |
| charris  | Christian Harris  |
| cheimann | Christa Heiman    |
| chergert | Chris Hergert     |
| circ     | UNT Library Circu |
| circad   | circad            |
| cmatz    | Chris Matz        |

**Limit to these Programs:**

All

|                    |
|--------------------|
| Other              |
| Record Maintenance |
| Global Update      |
| Rapid Update       |
| Record Loading     |

**Limit to these Statistics:**

All

|     |                   |
|-----|-------------------|
| 0   | System            |
| 1   | Web Logins        |
| 10  | Group/Admin Log   |
| 50  | Lib TACO Full Tim |
| 95  | Willis Self-Check |
| 96  | Dallas Self-Check |
| 150 | Lib TACO Part Tim |
| 205 | Libravy Admin Off |

**Field:** b7001 | aBeceanu, Marius, | eeditor.

**Indexed as AUTHOR:** *beceanu marius*

**Preceded by "a":** *beconsall thomas d 1709*

**Followed by "a":** *becenti juantio*

**From:** b61487934 AMS Special Session on Spectral Calculus and author. Nonlinear dispersive waves and fluids : AMS Special Session on Spectral Calculus and PDE Analysis on Fluid Flows, January 5-6, 2017, Tuoc Van Phan, Avy Soffer, editors.

**Field:** b7001 | aChen, Geng, | d1980- | eeditor.

**Indexed as AUTHOR:** *chen geng 1980*

**Preceded by "a":** *chen ge*

**Followed by "a":** *chen geraldine*

**From:** b61487934 AMS Special Session on Spectral Calculus and author. Nonlinear dispersive waves and fluids : AMS Special Session on Spectral Calculus and PDE Analysis on Fluid Flows, January 5-6, 2017,

Clean up  
copied  
information  
so just the  
name  
remains

Beceanu, Marius, | eeditor.

Chen, Geng, | d1980- | eeditor.

Krause, Dan.

Lee, Ellie, | d1970- | 4pro | 4drt

Miller, Florence. | 4nrt

Phan, Tuoc | q(Tuoc Van), | eeditor.

Plotkin, Eugene, | d1955- | eeditor.

# Validate names in MarcEdit, embedding the URI in \$0

Validate Headings

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

Source:  
[MarcEditor] 

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

[Save Delimited](#)

```
=7001 \\$aChen, Geng,$d1980-$eeditor.  
$0http://id.loc.gov/authorities/names/no2018146561  
=7001 \\$aKrause, Dan.  
=7001 \\$aLee, Ellie,$d1970-$4pro$4drt  
$0http://id.loc.gov/authorities/names/no2014066804  
=7001 \\$aMiller, Florence.$4nrt  
$0http://id.loc.gov/authorities/names/n80001667  
=7001 \\$aPhan, Tuoc$q(Tuoc Van),$eeditor.  
$0http://id.loc.gov/authorities/names/no2018144920  
=7001 \\$aPlotkin, Eugene,$d1955-$eeditor.  
$0http://id.loc.gov/authorities/names/no2018163324
```

**\$0 was found 17 times.**

| Found Text   | Action              |
|--|---------------------|
| =1001 \\\$aDonner, Ezra,\$d1986-\$ecomposer.\$0h...        | Jump to Record #: 0 |
| =1001 \\\$aGilheany, Kevin P,\$d1963-\$eauthor.\$0...      | Jump to Record #: 0 |
| =1001 \\\$aSeitz, Paul,\$d1951-\$ecomposer.\$0http...      | Jump to Record #: 0 |
| =1112 \\\$aResearch Workshop of the Israel Scien...        | Jump to Record #: 0 |
| =7001 \\\$aBeceanu, Marius,\$eeditor.\$0http://id.lo...    | Jump to Record #: 0 |
| =7001 \\\$aChen, Geng,\$d1980-\$eeditor.\$0http://i...     | Jump to Record #: 0 |
| =7001 \\\$aLee, Ellie,\$d1970-\$4pro\$4drt\$0http://i...   | Jump to Record #: 0 |
| =7001 \\\$aMiller, Florence.\$4nrt\$0http://id.loc.gov/... | Jump to Record #: 0 |
| =7001 \\\$aPhan, Tuoc\$q(Tuoc Van),\$eeditor.\$0htt...     | Jump to Record #: 0 |
| =7001 \\\$aPlotkin, Eugene,\$d1955-\$eeditor.\$0htt...     | Jump to Record #: 0 |
| =7001 \\\$aRodríguez, María Teresa\$c(Filmmaker)...        | Jump to Record #: 0 |
| =7001 \\\$aSoffer, Avy\$q(Avraham),\$eeditor.\$0http...    | Jump to Record #: 0 |
| =7001 \\\$aTumanov, Vladimir,\$eeditor,\$etranslato...     | Jump to Record #: 0 |
| =7001 \\\$aWeaver, Jonathan.\$4cng\$0http://id.loc....     | Jump to Record #: 0 |
| =7001 \\\$aZheng, Shijun,\$eeditor.\$0http://id.loc.g...   | Jump to Record #: 0 |
| =7102 \\\$aNational Minority Consortia (U.S.)\$0htt...     | Jump to Record #: 0 |
| =7102 \\\$aOne World Group of Broadcasters \$en            | Jump to Record #: 0 |



Jump to Page

Edit Find Query

Close

Copy \$0  
search to  
Excel

# Compare against new names from Headings Report

|  |  |              |
|--|--|--------------|
| Donner, Ezra,\$d1986-\$ecomposer.  | Donner, Ezra,\$d1986-\$ecomposer.              | n2010003378  |
| Gilheany, Kevin P.,\$d1963-\$eauthor.  | Gilheany, Kevin P.,\$d1963-\$eauthor.          | no2019010123 |
| Seitz, Paul,\$d1951-\$ecomposer.   | Seitz, Paul,\$d1951-\$ecomposer.               | no2014097573 |
| AMS Special Session on Spectral Calculus and Quasilinear P                                 | Research Workshop of the Israel Science Founda | no2018163511 |
| Research Workshop of the Israel Science Foundation on Gr                                   | Beceanu, Marius,\$eeditor.                     | no2018145114 |
| Beceanu, Marius,\$eeditor.   | Chen, Geng,\$d1980-\$eeditor.                  | no2018146561 |
| Chen, Geng,\$d1980-\$eeditor.  | Lee, Ellie,\$d1970-\$4pro\$4dr                 | no2014066804 |
| Krause, Dan.   | Miller, Florence.\$4nrt                        | n80001667    |
| Lee, Ellie,\$d1970-\$4pro\$4dr   | Phan, Tuoc\$q(Tuoc Van),\$eeditor.             | no2018144920 |
| Miller, Florence.\$4nrt  | Plotkin, Eugene,\$d1955-\$eeditor.             | no2018163324 |
| Phan, Tuoc\$q(Tuoc Van),\$eeditor.   | Rodríguez, María Teresa\$c(Filmmaker)          | no2013082472 |
| Plotkin, Eugene,\$d1955-\$eeditor.   | Soffer, Avy\$q(Avraham),\$eeditor.             | no2018145060 |
| Rodríguez, María Teresa\$c(Filmmaker)  | Tumanov, Vladimir,\$eeditor,\$etranslator.     | n97030914    |
| Soffer, Avy\$q(Avraham),\$eeditor.   | Weaver, Jonathan.\$4cng                        | nb2011028186 |
| Tumanov, Vladimir,\$eeditor,\$etranslator.   | Zheng, Shijun,\$eeditor.                       | nb2014002660 |
| Weaver, Jonathan.\$4cng  | National Minority Consortia (U.S.)             | no2003115655 |
| Zheng, Shijun,\$eeditor.   | One World Group of Broadcasters,\$eproduction  | nr97045244   |
| National Minority Consortia (U.S.)   |  |              |
| One World Group of Broadcasters,\$eproduction company.                                     |  |              |
| AMS Special Session on PDE Analysis on Fluid Flows\$d(2017:\$cAtlanta, Georgia),\$eauthor. |  |              |

# Batch search OCLC for LCCNs and export the record to ILS

Enter Authority Batch Search Keys

Local File:  Local File Manager...

Search Keys  
 Query:  Total Entered: 0

Use default index:

Retrieve all records from online save file  
 Limit by Review Status:  
 Non-Submitted  
 Submitted

Delete downloaded records from online save file

OCLC Connexion - [Online LC Authority File: Research Workshop of the Israel Science Foundation on Groups, Al...]

File Cataloging Authorities Edit Action Batch View Tools Window Help

Text Strings User Tools \*no2018163511

ARN 11679442

| Rec stat | n                        | Entered     | 20181129 | Replaced  | 20181201073132.0  |
|----------|--------------------------|-------------|----------|-----------|---|
| Type     | z                        | Upd status  | a        | Enc lvl   | n   |
| Roman    | <input type="checkbox"/> | Ref status  | a        | Mod rec   |   |
| Govt agn | <input type="checkbox"/> | Auth status | a        | Subj      | a   |
| Series   | n                        | Auth/ref    | a        | Geo subd  | n   |
| Ser num  | n                        | Name        | n        | Subdiv tp | n   |
| 010      |                          |             |          |           | no2018163511  |
| 040      |                          |             |          |           | MdRoLAC #b eng #e rda #c MdRoLAC  |
| 046      |                          |             |          |           | #s 2016-03-20 #t 2016-03-24 #2 edtf   |
| 111      | 2                        |             |          |           | Research Workshop of the Israel Science Foundation on Groups, Algebras and Identities #d (2 Jerusalem)  |
| 370      |                          |             |          |           | #c Israel #e Jerusalem #2 naf   |
| 373      |                          |             |          |           | Universitat Bar-Ilan #a Universitat ha-'Ivrit bi-Yerushalayim #2 naf  |
| 411      | 2                        |             |          |           | Workshop of the Israel Science Foundation on Groups, Algebras and Identities, Research #d (Jerusalem)   |
| 670      |                          |             |          |           | Research Workshop of the Israel Science Foundation on Groups, Algebras and Identities (2019 Jerusalem, Israel). Groups, algebras, identities, 2019: #b eCIP title page (Research Workshop |



# KEEPING CURRENT: MAINTAINING AUTHORITY FILES

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n 2009065966  
**Old:** 100 1 Atkinson, David, †d 1921-  
**New:** 100 1 Atkinson, David, †d 1921-2012

<https://www.oclc.org/authority-records.html>

# Automate the update

Regular Expressions:  
 $^{\text{(. *?)}}\text{\$}\text{\s}^{\text{+}}\text{?}^{\text{(?. *^}\text{\1}\text{\$)}}$

Enter Authority Batch Search Keys

Local File:

C:\Users\sdk0046\AppData\Roaming\OCLC\Connex\Db\DefaultAuth.auth.db

Search Keys

Query:  Total Entered: 0

Use default index.

LCCN (n:)

Boolean Search

Review File Name:

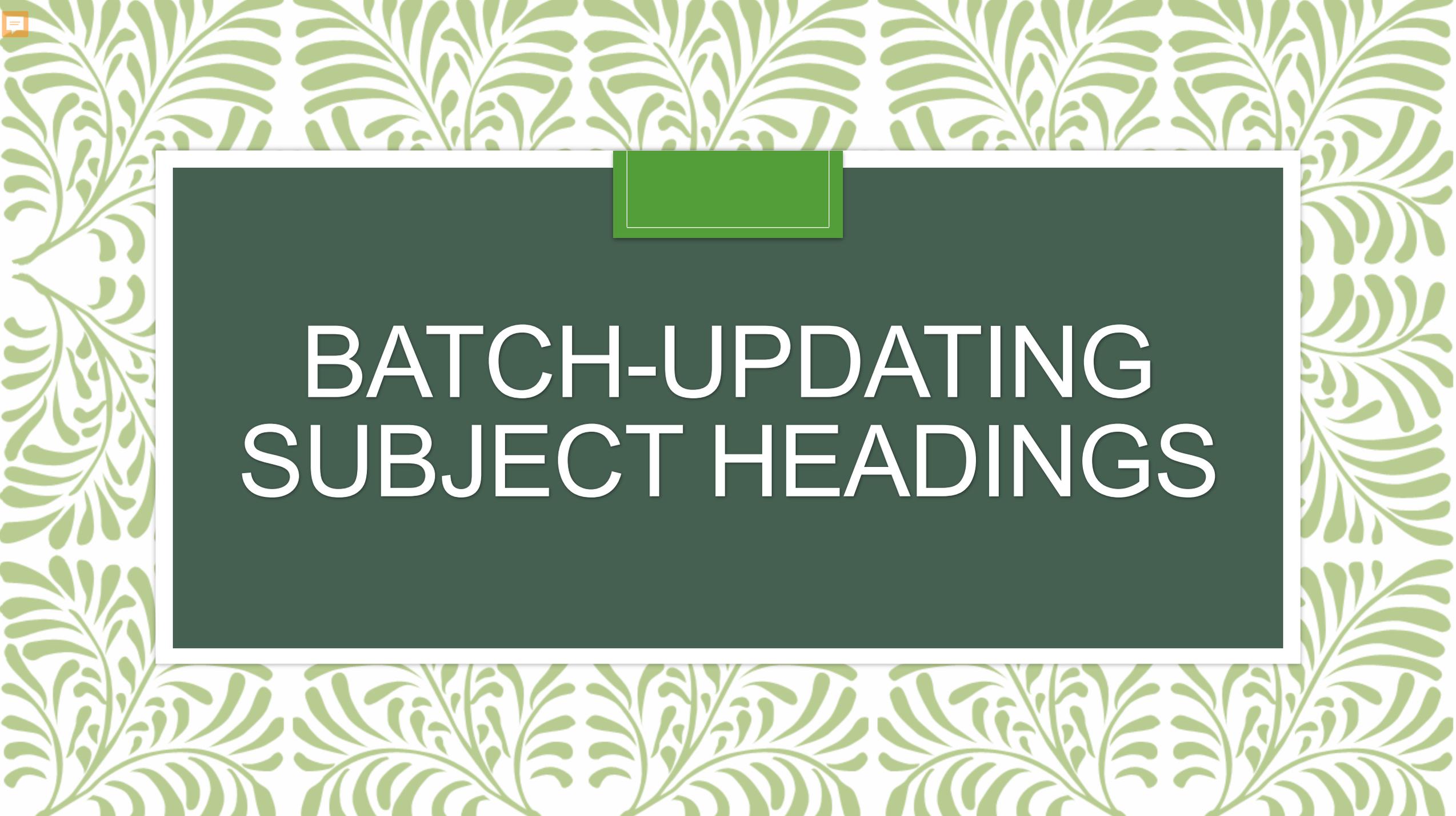
Store Record Type: BIBLIOGRAPHIC b

Start: b10000008 Stop: b62264461

Classic JSON

Enhanced {}

JSON



# BATCH-UPDATING SUBJECT HEADINGS

CATALOGING AND ACQUISITIONS



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- [Acquisitions](#)
- [Resources for Cataloging](#)
- [Catalogs, Authority](#)

## Library of Congress Subject Headings (LCSH) Approved Lists

Lists of new and changed subject headings are posted to this Web site by the Policy and Standards Division as they are approved.

→ [More About the Library of Congress Subject Headings \(LCSH\) Approved Lists](#)

### Search for Library of Congress Subject Heading Approved Lists

2019: List 01 (January 18) ▼

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- [Subject Headings Editorial Meeting: Summary of Decisions](#)
- [Submit a Proposal \[PDF, 85 KB\]](#)

<https://www.loc.gov/aba/cataloging/subject/weeklylists/>

# Extract the LCSH record number

|    |     |   |
|----|-----|---|
| 1  |     | <a href="https://www.loc.gov/aba/cataloging/subject/weeklylists/">https://www.loc.gov/aba/cataloging/subject/weeklylists/</a> |
| 2  | 110 | 23 Harrison Street House (New York, N.Y.) [sp2018003013]  |
| 3  | 410 | UF 314 Washington Street House (New York, N.Y.)   |
| 4  | 410 | UF Jonas Wood House (New York, N.Y.)  |
| 5  | 410 | UF Wood House (New York, N.Y. : Harrison Street)  |
| 6  | 550 | BT Dwellings--New York (State)  |
| 7  |     |   |
| 8  | 110 | 27 Harrison Street House (New York, N.Y.) [sp2018002939]  |
| 9  | 410 | UF 317 Washington Street House (New York, N.Y.)   |
| 10 | 410 | UF John McComb Jr. House (New York, N.Y.)   |
| 11 | 410 | UF McComb House (New York, N.Y.)  |
| 12 | 550 | BT Dwellings--New York (State)  |
| 13 |     |   |
| 14 | 110 | 390 Van Duzer Street House (New York, N.Y.) [sp2018002690]  |
| 15 | 550 | BT Dwellings--New York (State)  |
| 16 |     |   |

|       |             |
|-------|-------------|
| new 2 | New subject |
| 1     | 2018003013  |
| 2     | 2018002939  |
| 3     | 2018002690  |
| 4     | 2018002964  |
| 5     | 2018002892  |
| 6     | 2018002914  |
| 7     | 2018001560  |
| 8     | 2018002940  |
| 9     | 85004519    |
| 10    | 85005814    |
| 11    | 2018002824  |
| 12    | 2018002897  |
| 13    | 2018001857  |

# Build the JSON query in Notepad++

```
{
  "queries": [
    {"target": {"record": {"type": "authority"}, "field": {"marcTag": "010"}}, "expr": {"op":
    "regex", "operands": ["sh *85004519"]}}, "or",
    {"target": {"record": {"type": "authority"}, "field": {"marcTag": "010"}}, "expr": {"op":
    "regex", "operands": ["sh *85005814"]}}, "or",
    {"target": {"record": {"type": "authority"}, "field": {"marcTag": "010"}}, "expr": {"op":
    "regex", "operands": ["sh *85011073"]}}, "or",
    {"target": {"record": {"type": "authority"}, "field": {"marcTag": "010"}}, "expr": {"op":
    "regex", "operands": ["sh *85014026"]}}, "or",
    {"target": {"record": {"type": "authority"}, "field": {"marcTag": "010"}}, "expr": {"op":
    "regex", "operands": ["sh *85041121"]}}, "or",
    {"target": {"record": {"type": "authority"}, "field": {"marcTag": "010"}}, "expr": {"op":
    "regex", "operands": ["sh *85064498"]}}, "or",
  ]
}
```



# Search Results

- 14 of 220
- Export 010 fields to a text file.
- Keep the list to delete old records later

|    | Record   | Descr                        |
|----|----------|------------------------------|
| 1  | a1056700 | Puppeteers                   |
| 2  | a1094087 | Educational equalization     |
| 3  | a1207283 | Linoleum block-printing.     |
| 4  | a1884256 | Pisgah National Forest (N.C. |
| 5  | a2032454 | Dido (Legendary character)   |
| 6  | a5263360 | Yeti                         |
| 7  | a531723x | Inventions                   |
| 8  | a558839x | Dido (Legendary character)   |
| 9  | a5911904 | Baker, Mount (Wash.)         |
| 10 | a5916781 | Cooking                      |
| 11 | a6634229 | Lepcha (South Asian people)  |
| 12 | a685574x | Lysimachia                   |
| 13 | a7156741 | Kwakiutl language            |
| 14 | a7571239 | Callisto (Greek mythology)   |

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List AUTHORITY Information

Fields to be listed

| Line | Type | Field        |
|------|------|--------------|
| 1    | a    | MARC Tag 010 |

Append

Insert

Delete

Page heading

Starting record (1-14) 1

Ending record (1-14) 14

Number of blank lines between records 0

Number the records in the list

Display meanings of fixed-length fields instead of codes

Display each variable-length field on a new line

Display labels for variable-length fields

If listing bibliographic title, print it in uppercase

Run in background

OK Apply Saved List Save This List Close

# Format data to batch search OCLC

Enter Authority Batch Search Keys

Local File:

Search Keys

Query:  Total Entered: 14

Use default index:

Retrieve all records from online save file

Limit by Review Status:

Non-Submitted

Submitted

Delete downloaded records from online save file

## Errors (1)

| Search Key     | Error  |
|----------------|--|
| In:sh 94003907 | No records found for your search. Please change or simplify your search and try again. |

Dido (legendary character) in fiction was deleted, so the record doesn't exist anymore

## Successful Searches (14)

| Search Key      | # Records | Save # | Control # | Title                                      |
|-----------------|-----------|--------|-----------|--|
| In:sh 85109143  | 1         | 2285   | 2018314   | Puppeteers                                 |
| In:sh 85041121  | 1         | 2286   | 2114042   | Educational equalization                   |
| In:sh 85077249  | 1         | 2287   | 2056961   | Linoleum block-printing                    |
| In:sh 91005142  | 1         | 2288   | 3064720   | Pisgah National Forest (N.C.)              |
| In:sh 85149134  | 1         | 2289   | 2116069   | Yeti                                       |
| In:sh 85067667  | 1         | 2290   | 2119154   | Inventions                                 |
| In:sh 91000652  | 1         | 2291   | 11648326  | Dido ꞑc (Legendary character)              |
| In:sh 85011073  | 1         | 2292   | 2060826   | Baker, Mount (Wash.)                       |
| In:sh2010008400 | 1         | 2293   | 8535691   | Cooking                                    |
| In:sh 85076047  | 1         | 2294   | 2046179   | Lepcha (South Asian people)                |
| In:sh 88022910  | 1         | 2295   | 2243111   | Lysimachia                                 |
| In:sh 85073542  | 1         | 2296   | 2151894   | Kwakiutl language                          |
| In:sh 93007687  | 1         | 2297   | 11635814  | Callisto ꞑc (Greek mythological character) |

# Export updated authority records

- Batch Export from OCLC and then upload using the Subject Load table in Data Exchange



# Resolving problems

- Check your headings reports for duplicate authority records and blind references



# BATCH-UPDATING NAME AUTHORITIES

## Closed Dates in Authority Records

Since the publication of revised [LCRI 22.17](#) in February 2006, catalogers have had the option to add death dates to personal name headings with open dates.

Both the Library of Congress and OCLC are aware that many libraries are interested in incorporating these changes into their catalogs. Libraries that use authority control services for ongoing processing will receive these changes as part of their normal workflows but, for other libraries, OCLC is providing this service to announce headings to which death dates have been added.

Lists for each week since the new policy went into effect on 1 February 2006 are available below and as an [RSS feed](#). Instructions for subscribing to RSS feeds can be found on [RSS Feeds and Podcasts](#). In general, a list of newly changed headings will be added as soon as possible after they have been received.

**NOTE:** Authority Records updates posted after 19 January 2008 require Arial Unicode font to display all extended characters. This font ships with various software packages or can be purchased separately ([Learn more about Arial Unicode fonts.](#)) Older entries require the ALA BT Courier font to display properly. Use Internet Explorer for best results when viewing the ALA BT Courier font.

### Recent updates

[Authority records for 20190428](#)

[Authority records for 20190421](#)

<https://www.oclc.org/authority-records.html>

# Build the JSON query in Notepad++

```
n 2008005874
n 2008042334
n 2010039374
n 2019006746
n 50007231
n 50034831
n 50043013
```

**Option 1:  
Record  
number**

**Option 2:  
Old name  
format**

```
Almeida, Fernando d', 1955-
Averill, Gerald P., 1919-
Bennett, Rodney, 1935-
Berezowski, Cezary, 1898-
Berger, Klaus, 1901-
Boggs, W. Arthur, 1916-
Bragg, Don, 1935-
```

```
{
  "queries": [
    {
      "target": {
        "record": {
          "type": "authority",
          "field": {
            "marcTag": "010"
          }
        }
      },
      "expr": {
        "op": "regex",
        "operands": [
          "n.*2008005874"
        ]
      },
      "or": {
        "target": {
          "record": {
            "type": "authority",
            "field": {
              "marcTag": "010"
            }
          }
        },
        "expr": {
          "op": "regex",
          "operands": [
            "n.*2008042334"
          ]
        },
        "or": {
          "target": {
            "record": {
              "type": "authority",
              "field": {
                "marcTag": "010"
              }
            }
          },
          "expr": {
            "op": "regex",
            "operands": [
              "n.*2010039374"
            ]
          },
          "or": {
            "target": {
              "record": {
                "type": "authority",
                "field": {
                  "marcTag": "010"
                }
              }
            },
            "expr": {
              "op": "regex",
              "operands": [
                "n.*2019006746"
              ]
            },
            "or": {
              "target": {
                "record": {
                  "type": "authority",
                  "field": {
                    "marcTag": "010"
                  }
                }
              },
              "expr": {
                "op": "regex",
                "operands": [
                  "n.*50007231"
                ]
              },
              "or": {
                "target": {
                  "record": {
                    "type": "authority",
                    "field": {
                      "marcTag": "010"
                    }
                  }
                },
                "expr": {
                  "op": "regex",
                  "operands": [
                    "n.*50034831"
                  ]
                },
                "or": {
                  "target": {
                    "record": {
                      "type": "authority",
                      "field": {
                        "marcTag": "010"
                      }
                    }
                  },
                  "expr": {
                    "op": "regex",
                    "operands": [
                      "n.*50043013"
                    ]
                  }
                }
              }
            }
          }
        }
      }
    }
  ]
}
```

```
{
  "queries": [
    {
      "target": {
        "record": {
          "type": "bib",
          "field": {
            "marcTag": "100"
          }
        }
      },
      "expr": {
        "op": "starts_with",
        "operands": [
          "Almeida, Fernando d'"
        ]
      },
      "or": {
        "target": {
          "record": {
            "type": "bib",
            "field": {
              "marcTag": "100"
            }
          }
        },
        "expr": {
          "op": "starts_with",
          "operands": [
            "Averill, Gerald P."
          ]
        },
        "or": {
          "target": {
            "record": {
              "type": "bib",
              "field": {
                "marcTag": "100"
              }
            }
          },
          "expr": {
            "op": "starts_with",
            "operands": [
              "Bennett, Rodney"
            ]
          },
          "or": {
            "target": {
              "record": {
                "type": "bib",
                "field": {
                  "marcTag": "100"
                }
              }
            },
            "expr": {
              "op": "starts_with",
              "operands": [
                "Berezowski, Cezary"
              ]
            },
            "or": {
              "target": {
                "record": {
                  "type": "bib",
                  "field": {
                    "marcTag": "100"
                  }
                }
              },
              "expr": {
                "op": "starts_with",
                "operands": [
                  "Berger, Klaus"
                ]
              },
              "or": {
                "target": {
                  "record": {
                    "type": "bib",
                    "field": {
                      "marcTag": "100"
                    }
                  }
                },
                "expr": {
                  "op": "starts_with",
                  "operands": [
                    "Boggs, W. Arthur"
                  ]
                }
              }
            }
          }
        }
      }
    }
  ]
}
```



# Search Results

## Option 1:

- 12 of 86 record numbers

## Option 2:

- 100+ results out of 86 old names searched in 258 total searches; 18 were more closely investigated; 9 more names found

|     | Record   | Description                                |
|-----|----------|--|
| ✓ 1 | a210443x | Broecker, Wallace S., 1931-                |
| 2   | a2240944 | Berger, Klaus, 1901-                       |
| 3   | a2869950 | Gough, Kathleen, 1925-                     |
| 4   | a401845x | Devonshire, R. L., Mrs., b. 1864.          |
| 5   | a4461769 | Lunt, James D., 1917-                      |
| 6   | a4755170 | Loucks, William N. (William Negele), 1899- |
| 7   | a5509476 | Dupont, Paul, d. 1957                      |
| 8   | a6727323 | Aretino, Pietro, 1492-1556. Works. 1992    |
| 9   | a7213918 | Traquair, John Stewart, Earl of, d. 1659.  |
| 10  | a7220650 | Traquair, John Stewart, Earl of, d. 1659.  |
| 11  | a7282631 | Easton, Michael, 1954-                     |
| 12  | a9020809 | Houston, David, 1937-                      |

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List AUTHORITY Information

Fields to be listed

| Line | Type | Field        |
|------|------|--------------|
| 1    | a    | MARC Tag 010 |

Append

Insert

Delete

|    |
|----|
| 1  |
| 14 |
| 0  |

Display meanings of fixed-length fields instead of codes

Display each variable-length field on a new line

Display labels for variable-length fields

If listing bibliographic title, print it in uppercase

Run in background

OK Apply Saved List Save This List Close

# Compare Names to Updated List

40 Lucas, Marcia.  
41 Lucier, Alvin.  
42 Lucier, Alvin. Conductor.  
43 Lucier, Alvin. Lullaby.  
44 Lucier, Alvin. North American time caps  
45 Lully, Jean-Baptiste, 1632-1687.  
46 Lumet, Sidney, 1924-2011.  
47 Lumley, Robert Don.  
48 Lumley, Robert, 1951-  
49 Luna, Miguel de, 16th/17th cent.  
50 Lund, Robert T.  
51 Lund, Robert, 1915-  
52 Lunt, James D., 1917-  
53 Lush, Ernest.  
54 Lusignano, Stefano, 1537-1590.  
55 Luther, Martin, 1483-1546.  
56 Lyon, Eric, 1962- Low flying unicorns.  
57 Lyons, John O.  
58 Lpez Lezcano, Fernando. Hot'n co  
59 Mac Low, Jackson.  
60 Mack, Marion, 1902-1989.

n 85100269

**Old:** 100 1 Loucks, William N. ‡q (William Negele), ‡d 1899-

**New:** 100 1 Loucks, William N. ‡q (William Negele), ‡d 1899-1983

no 93014894

**Old:** 100 1 Lund, Robert, ‡d 1925-

**New:** 100 1 Lund, Robert, ‡d 1925-1995

n 50043013

**Old:** 100 1 Lunt, James D., ‡d 1917-

**New:** 100 1 Lunt, James, ‡d 1917-2001

no2004052322

**Old:** 100 1 Lyons, John O. ‡q (John Ormsby), ‡d 1927-

**New:** 100 1 Lyons, John O. ‡q (John Ormsby), ‡d 1927-2003

# Format data to batch search OCLC

Enter Authority Batch Search Keys

Local File:   
C:\Users\sdk0046\AppData\Roaming\OCLC\Connex\Db\DefaultAuth.auth.db

Search Keys  
Query:  Total Entered: 11

Use default index:

Retrieve all records from online save file  
Limit by Review Status:  
 Non-Submitted  
 Submitted

Delete downloaded records from online save file

## Batch Search Report

Local File: C:\Users\sdk0046\AppData\Roaming\OCLC\Connex\Db\DefaultAuth.auth.db

|                   |  |
|-------------------|--|
| Session ID        | cnxs06.prod.oclc.org-33585-jvfoqibs-uebbbp |
| Report Start Time | 2019-05-08T15:38:30-05:00                  |
| Session Duration  | 00:00:04.5684056                           |

|                                |   |
|--------------------------------|---|
| Bibliographic exports reported | 0 |
| Authority exports reported     | 0 |

### Successful Searches (11)

| Search Key     | # Records | Save # | Control # | Title                                  |
|----------------|-----------|--------|-----------|--|
| In:n 50034831  | 1         | 1      | 70152     | Gough, Kathleen, #d 1925-1990          |
| In:n 50043013  | 1         | 2      | 78183     | Lunt, James, #d 1917-2001              |
| In:n 82122243  | 1         | 3      | 818587    | Broecker, Wallace S., #d 1931-2019     |
| In:n 83005345  | 1         | 4      | 901260    | Houston, David, #d 1935-1993           |
| In:n 85100269  | 1         | 5      | 1310594   | Loucks, William N. #q (William Negel)  |
| In:n 85143026  | 1         | 6      | 1492831   | Traquair, John Stewart, #c Earl of, #d |
| In:n 85269745  | 1         | 7      | 1578753   | Berger, Klaus, #d 1901-2000            |
| In:n 86872869  | 1         | 8      | 1733024   | Devonshire, R. L., #c Mrs., #d 1864-1  |
| In:n 96053324  | 1         | 9      | 4089489   | Aretino, Pietro, #d 1492-1556. #t Wor  |
| In:n 97119363  | 1         | 10     | 4544357   | Dupont, Paul, #d 1889-1980             |
| In:no 00028217 | 1         | 11     | 5202825   | Easton, Michael, #d 1954-2004          |

# Export updated authority records

Change the headings in the bibliographic record or wait for bibliographic maintenance to make the changes.

The screenshot shows the Sierra library system interface. The search results for 'Lunt, James' are displayed in a table with columns for Format and Description. The results include:

| Format          | Description   |
|-----------------|---|
| 1<br>NAME AUTHR | [Lunt, James, 1917-]<br><b>Lunt, James, 1917-</b><br>-> See Lunt, James D., 1917-   |
| 2<br>NAME AUTHR | [Lunt, James D., 1917-]<br><b>Lunt, James D., 1917-</b><br>-> Authority Record  |
| 3<br>BOOKS      | Indexed Entry: <i>Lunt, James D., 1917-</i><br><b>Charge to glory!</b><br>Lunt, James D., 1917-<br>357 L973c<br>Willis Library  |
| 4<br>BOOKS      | Indexed Entry: <i>Lunt, James D., 1917-</i><br><b>Charge to glory : a garland of cavalry exploits</b><br>Lunt, James D., 1917-<br>0727402552 - 9780727402554<br>D361 .L8 1976<br>Willis Library |

On the right, a detailed view of an authority record is shown, including fields for Authority record number, Field, Indexed as AUTHOR, Changed to, Bibliographic record number, and Authority record number.

# Resolving problems

- Check your headings reports for duplicate authority records and invalid headings

# Tips

- Google is your friend to find Regular Expressions or Excel how-to's
- Build a search in the Classic view, then switch over to the JSON view to find how to write the code. Use "INSERT VALUE HERE" as your value A and it'll be that much easier to copy your own values

# Tips

- Combine several lists search all at once
- Avoid copying your Regular Expressions from Word
- Reuse! Reuse! Reuse!
- Troubleshoot Sierra error codes in Notepad++ to find the line and column easier.
- Experience will make this easier.

# Resources

- Getting Started with Regular Expressions in MarcEdit
  - <https://www.youtube.com/watch?v=7YXvS4xBEfw>
- Regular Expressions in Create Lists
  - <https://wiliug.files.wordpress.com/2015/02/matches-handout-2015.pdf>
- Regular Expressions Cheat Sheet
  - <https://www.rexegg.com/regex-quickstart.html>
- Batch Processing in the Client: Overview- OCLC
  - <https://help.oclc.org/@api/deki/files/5147/connexion-client-batch-processing.pdf>

# Bibliography

- Žumer, M. (2009). *National bibliographies in the digital age*. München: Saur.
- <https://www.loc.gov/aba/cataloging/subject/weeklylists/>
- <https://www.oclc.org/authority-records.html>

# Links and Questions

- Slides and procedures handout will be posted to the conference website and the UNT Institutional Repository
- More technical version of this presentation with all of the regular expressions and the steps explained in detail is available here:

<https://digital.library.unt.edu/ark:/67531/metadc1506776/>

Contact me:

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