Metadata in Shared Digital Libraries

Metadata Interest Group Program

MONDAY, MARCH 4, 2024 8AM PST / 9AM MST / 10 AM CST / 11AM EST

Metadata Interest Group Leaders

- Catherine Smith, Chair
- Joan Wang, Vice-Chair
- Elisa Naquin, Program Co-Chair
- Kate James, Program Co-Chair
- Melissa Zilic, Communications Co-Chair
- Katherine Manifold, Communications Co-Chair

Reminders

This session is being recorded

- Enter questions in chat to "Everyone" at any time during the presentation
- Core Statement of Conduct: http://www.ala.org/core/about/statement-of-conduct

Presentations

- Describing Our Members, Ourselves: Maintaining a Shared Controlled Vocabulary in Explore Chicago Collections
 - Presenters: Jessica BrodeFrank (University of Illinois at Chicago), Kate Flynn (University of Illinois at Chicago) Erin Matson (Chicago History Museum), and Gretchen Neidhardt, (Northwestern University)
- Creating and Sharing Date Metadata
 - Presenter: Annamarie C. Klose (The Ohio State University Libraries)
- Developing a Metadata Application Profile Supporting Interoperability, Research, and Data Harvesting for a Digital Library of Music Sources
 - Presenter: Jesse P. Karlsberg (Emory Center for Digital Scholarship and Emory University Department of Music)



Describing Our Members, Ourselves: Maintaining a Shared Controlled Vocabulary in Explore Chicago Collections

Jessica BrodeFrank, Kate Flynn, Erin Matson & Gretchen Neidhardt
Chicago Collections Consortium Controlled Vocabulary Committee Members



CHICAGO **PUBLIC**

enter - Research Libraries

LAKE FOREST COLLEGE

FOR WILDLIFE FOR ALL







ARCHIVE

Historical

Museum





- The resources that Chicago researchers need are distributed in archives across the city
- Researchers may not know which archives or libraries to consult
- They need to be able to search their topic and learn which archives hold collections on that topic

What made this difficult?

Chicago's major libraries already had the resources to create and publish finding aids and digital collections independently

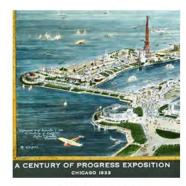
BUT they all did it differently.

How do you express a subject?

```
Balloon framing
Burlesque (Theater) –
Burlesque (Theater) –
Hack writers
Murgatroyd, Everett F., 1880 or 1-1946.
one way streets
Painting.
Paintings
Radio -- Illinois -- Chicago Metropolitan Area -- Receivers and reception -- 1980-1989. -- Ictgm tree
Trees -- Chicago Metropolitan Area -- 1900-1919. – Ictgm
Weather experiments
Xylophone -- Instruction and study
```

EVENTS GOVERNMENT DAILY LIFE CREATIVITY ENVIRONMENTS WORK COMMUNITIES

FEATURED EVENTS & MOVEMENTS







Settlement House Movement



Demonstrations



Disasters



Fairs & Conventions

ALL EVENTS & MOVEMENTS

1893 World's Fair (681)

1919 race riot (1)

1933 World's Fair (1415)

1968 Democratic Convention (18)

Before Chicago (until 1837) (102)

Celebrations (1826)

Civil War (117)

Demonstrations (485)

Disasters (299)

Early Chicago (1837-1871) (325)

Eastland Disaster (121)

Fairs & Conventions (1819)

Great Chicago Fire (319)

Haymarket Affair (30)

Iroquois Theater Fire (92)

Prohibition (37)

Pullman Strike (3)

Riots (43)

Settlement House Movement (836)

Temperance (39)

United States Civil War (1)

Wars (300)

World War I (189)

World War II (190)

Controlled vocabularies overview

Chicago Collections Tags	Sources
Topics: Events, Government, Daily Life, Creativity, Environments, Work	LCSH, FAST, local terms
Topics: Communities	LCDGT, Census, National Center on Disability and Journalism style guide, Chicago History Museum research on official tribal language, Homosaurus, local terms
Neighborhoods	LCNAF, Geonames, local sources/terms
Cities	LCNAF, Geonames, Census, local sources/terms
Names	Institutional records (100/600/700 fields, creator fields)

Example of controlled vocabularies in Explore

American Terra Cotta Company photograph collection, ca. 1890-1915.

See Also: Fine Arts | Architecture | Industries | Design | Chicago | Elmslie, George G | View All >



NAMES:

- · American Terra Cotta Company (Chicago, Ill.) Photographs.
- · Elmslie, George G.
- o Sullivan, Louis H., 1856-1924.

SUBJECTS:

- o Architects United States 1890-1919. lctgm
- o Buildings United States 1890-1919. lctgm
- Decoration and ornament, Architectural 1890-1919. lctgm
- Decoration and ornament, Architectural Illinois Chicago 1890-1919. lctgm
- Designers Illinois Chicago 1890-1919. lctgm
- o Terra-cotta Illinois Chicago 1890-1919, Ictgm
- o Terra-cotta industry United States 1890-1919. lctgm
- o Terra-cotta sculpture 1890-1919. lctgm

GEOGRAPHIC COVERAGE: Chicago (III.) Buildings, structures, etc. 1890-1919.

CCC Committees

ADVISORY COMMITTEES

Communications Committee

Controlled Vocabulary Committee

Cooperative Reference Committee

Development Committee

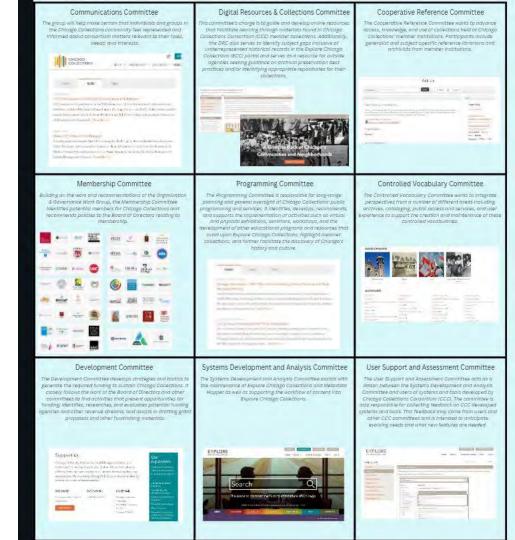
Digital Resources and Collections Committee

Membership Committee

Programming Committee

Systems Development and Analysis Committee

User Support and Assessment Committee



Who we are

- The Controlled Vocabulary Committee's charge includes:
 - Keeping up to date with changes in how things are described, including updates in other controlled vocabularies
 - Reviewing content and search trends in EXPLORE Chicago Collections to determine if new tags are needed or if current tags need to be changed
 - Soliciting and reviewing proposals for new tags
 - Maintaining documentation on the controlled vocabularies, including information on how to apply tags and how they map to other controlled vocabularies
 - Providing training and support on the controlled vocabularies
- Committee started as Task Force that worked periodically on issues relating to the controlled vocabularies but became a full-time advisory committee in 2023

Our current members

- Jessica BrodeFrank, Chicago Collections (co-chair)
- Jeremy Bucher, National Hellenic Museum
- Brigid Crawley, Chicago History Museum
- Stephanie Fletcher, Illinois Institute of Technology
- Kate Flynn, University of Illinois Chicago
- Mingyan Li, University of Illinois Chicago
- Greer Martin, Loyola University Chicago
- Erin Matson, Chicago History Museum (co-chair)
- Gretchen Neidhardt, Northwestern University, Feinberg School of Medicine

- Maintenance
 - Goal 1: Review new tag submissions
 - What does the form to submit feedback or new terms look like?
 - How often do we review tag submissions?
 - What are the systems that need to be updated for new tags?
 - How do we notify the community about new tags?
 - Goal 2: Review internal tag data
 - What information do we have to find about what people are looking for and what tags they're using?
 - Uncover gaps and tags that aren't being used
 - Google analytics and internal tag assignment data

- Maintenance
 - Goal 3: Review pending Communities questions
 - Goal 4: Catch up with base vocab changes
 - Some terms were based on other controlled vocabularies, have these terms changed?
 - Can we build a automated workflow for tracking changes?

- Training
 - Goal 5: Develop training and guidelines
 - What do we need in our data dictionary specifically?
 - Builds on work done by User Support & Assessment
 Committee (conducts current Metadata Hopper training)
 - Goal 6: Connect users with the data dictionary and guidelines
 - Goal was completed early on in year, added links in Metadata Hopper (site used for upload to Explore) and links in training documentation

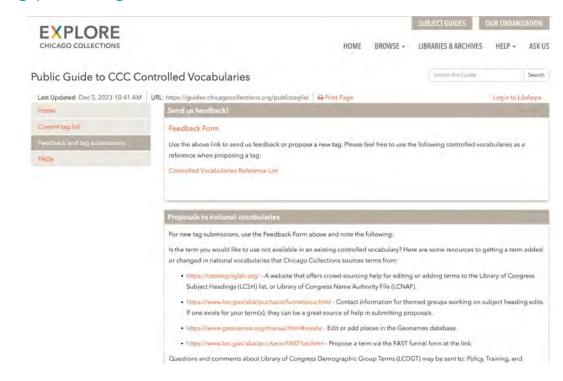
- Outreach
 - Goal 7: Buddy system administration
 - How can we reach out to people who are applying tags to see their questions?
 - Possible collaboration with User Support & Assessment Committee
 - Goal 8: Public communication about tags
 - What information do we convey to the internal community at large (not just people who are applying tags)?
 - What information to we convey to the external community?
 - What is the workflow for doing this? Can we use a template?
 - Collaboration with Communications Committee

- Outreach
 - Goal 9: Decide openness of Data Dictionary
 - We had an internal Data Dictionary but do we want to create one that is openly available?
 - Who would be our target audience if we do this?
 - What changes would we need to make to a data dictionary targeted for use outside of the CCC community?
 - What other information would we need to convey?

Guide for new term proposals:

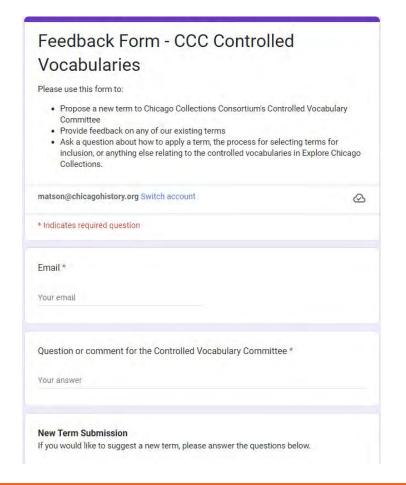
https://quides.chicagocollections.org/publictaglist

- Public facing
- Includes FAQ for a general audience
- Goals:
 - Transparency in our process
 - Information sharing



The feedback process

- Form is open ended and public facing
- Committee process
 - Meet monthly to discuss
 - Often decisions are made at that meeting or we decide if more research is needed
- Steps after approval
 - Set up workflow to ensure changes are made, the submitter is informed, and the wider community is made aware



Communication about vocabularies

With membership

- Collaborated with the Communications Committee on outline for current workflow for communication
- Announcements are stacked as appropriate for the next email that goes out to the community

With the public

 2024 goals include more outreach outside the organization, including with our users and our professional community

Maintenance of a dynamic vocabulary

- Changes to existing terms
 - Manual updates to mapped terms (for now)
 - Working on OpenRefine workflows, but LCSH reconciliation is a moving target
 - Next steps in testing are to use Wikidata as a proxy
- Evaluating existing terms
 - Review search queries from Google Analytics helps us evaluate whether to add or change a tag
 - Review pageviews for tags (browsing data) are any of our tags not used/needed?
 - Review how tags are applied to items by our institutional members when they upload resources



Thank you!

Contact:

Jessica BrodeFrank - <u>ibrodefrank@chicagocollections.org</u>
Kate Flynn - <u>kef@uic.edu</u>
Erin Matson - <u>matson@chicagohistory.org</u>
Gretchen Neidhardt - <u>gretchen.neidhardt@northwestern.edu</u>

Creating and Sharing Date Metadata

Annamarie C. Klose, The Ohio State University Libraries

REALITY CHECK



Photo by belig at Morguefile.com, https://morguefile.com/p/738291

No matter what metadata standard you use to create records, sharing it usually involves <u>Dublin Core</u>, e.g. <u>OAI-PMH</u> standard.

The end result will involve many compromises.

How do you represent today's date?

March 4, 2024 04.03.2024

4th of March 2024

Ngày 4 tháng 3 năm 2024 03/04/2024

4 Μαρτίου 2024

3/4/24

2024年3月4日

2024-03-04 2024-Nen 3 tsuki 4-nichi

4 de marzo de 2024 4 березня 2024 р



John Tenniel illustration in Lewis Carroll's Alice's Adventures in Wonderland (1865)

PUBLIC SERVICE ANNOUNCEMENT:

OUR DIFFERENT WAYS OF WRITING DATES AS NUMBERS CAN LEAD TO ONLINE CONFUSION. THAT'S WHY IN 1988 ISO SET A GUBAL STANDARD NUMERIC DATE FORMAT.

THIS IS THE CORRECT WAY TO WRITE NUMERIC DATES:

2013-02-27

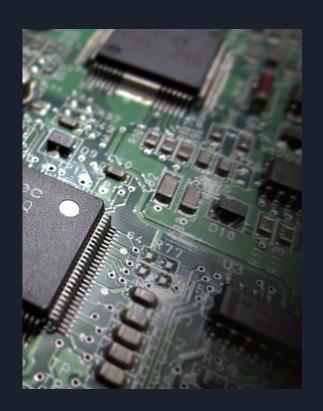
THE FOLLOWING FORMATS ARE THEREFORE DISCOURAGED:

02/27/2013 02/27/13 27/02/2013 27/02/13 20130227 2013.02.27 27.02.13 27-02-13 27.2.13 2013. II. 27. $^{27}\!\!\!/_2$ -13 2013.158904109 MMXIII-II-XXVII MMXIII $^{\text{LVII}}_{\text{CCCLXV}}$ 1330300800 ((3+3)×(111+1)-1)×3/3-1/3³ 2013 12 37 10/11011/1101 02/27/20/13 $^{\circ}$ $^{$

Randall Munroe, "ISO 8601," https://m.xkcd.com/1179/

Standards matter.

Encode your date values if you possibly can.



One date standard to rule them all

20240304	ISO 8601 Basic Format, ANSI INCITS 30
2024-03-04	ISO 8601 Extended Format, W3CDTF, LOC's EDTF

Note: My research refers to ISO 8601-1:2019 and ANSI INCITS 30-1997 (R2008). ISO 8601 have since had a 2022 amendment and ANSI INCIT 30-1997 has a R2013 update.

W3C Date and Time Formats

Year	YYYY	2024
Year and month	YYYY-MM	2024-03
Complete date	YYYY-MM-DD	2024-03-04
Complete date plus hours and minutes	YYYY-MM-DDThh:mmTZD	1997-07-16T19:20+01:00
Complete date plus hours, minutes, and seconds	YYYY-MM-DDThh:mm:ssTZD	1997-07-16T19:20:30+01:00
Complete date plus hours, minutes, seconds, and a decimal fraction of a second	YYYY-MM-DDThh:mm:ss.sTZD	1997-07-16T19:20:30.45+01:00

W3C Date and Time Formats, 15 September 1997, https://www.w3.org/TR/NOTE-datetime

LOC's Extended Date/Time Format

- Draft published in 2012.
- Revised and formalized in 2019. It was integrated into ISO 8601-2019!
- Can be used to express ambiguous dates, approximate dates, date ranges, seasons, and much more!

But how much is it actually used?

Zavalina, et al. (2015) studied the use of EDTF in DPLA. My research partners and I are looking for how things have changed since EDTF was formalized.

From personal experience, some communities use a subset of EDTF for digital collections.

Avoid garbage values



Photo by DodgertonSkillhause at Morguefile.com, https://morguefile.com/p/898683

Examples: Undated, Unknown, No date, n.d.

If you want to include that information, you can put that in the Description field.

Excel isn't your friend but OpenRefine is



https://twitter.com/jxxf







When formatting date values in Excel, be careful about its tendency to format them according to local standards, e.g. American dates. There are workarounds, e.g. load data set as .csv file and assign text values.

However, OpenRefine is a better tool when working with date metadata.

Consider the quirks and limitations with your platform

- Dublin Core's temporal field is "aboutness." However, many repositories use this field to group items by Date Created and/or Date Issued. It's a workaround that has consequences.*
- When possible, create custom metadata fields to address these artificial groups for search instead.
- Other workaround include having Display Date Fields and Searchable Date fields.

^{*}Caveat: I'm hoping to correct that issue in my own repository with legacy metadata.

Begin with the end in mind

- Well-known crosswalks, e.g. LOC's MARC to Dublin Core and Getty's, should be seen as inspiration. However, you need to consider local metadata considerations. Create your own crosswalk before sharing your metadata.
- Harvesting records will magnify issues. If possible, review and/or sample your data set after mapping but before sharing your harvest. You may find that you need to tweak your vision to make records more findable.
- The "Created Date" label in DPLA is awkward semantically. If you see the DPLA documentation, it's just dc:date which is broader. Consider more that just created dates if you want your records to be findable. However, there may be dates you choose to omit.

Hindsight is 20/20

- When starting a new digital collection/project, it's useful to consider the impact of harvesting before you create records. What works in your system may require substantial changes when harvesting records.
- Even if you can't support encoded dates now, consider what you might be able to do down the road.
- Encoded dates can serve researchers in other ways, e.g. collections as data, in the future if LAMs make a greater investment.

Emory Digital
Collections' Date
slider leveraged
EDTF encoded
dates to search and
browse records by
date.





Samvera community





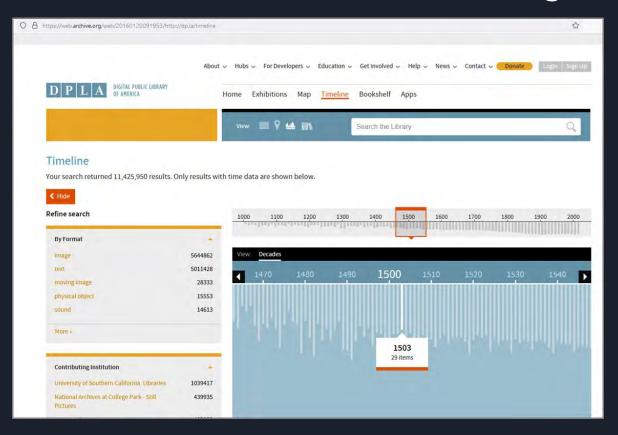
Several Samvera Hyrax institutions have forked and implemented the EDTF Humanize Ruby gem (https://github.com/inukshuk/edtf-ruby) with their repositories to encode a limited set of EDTF patterns.

Implementers include:

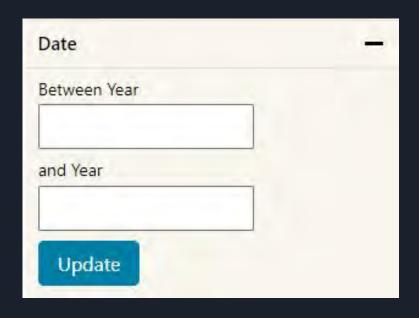
- Duke University Libraries
- Emory University Library
- The Ohio State University Library

CAVEAT: Coding converts EDTF dates to English only?

Old DPLA interface for date searching



Don't count on the temporal enrichment process in DPLA



GET https://api.dp.la/v2/items?id=[DPLA ID]&api_key=[API Key]

If you look at DPLA records via the API, you can see the records that were sent for harvest and the resulting metadata.

While there's various ways to interact with the API, Postman is a free app with a GUI that can make the process easier.

Unfortunately, using the API has shown me that the temporal enrichment process isn't necessarily happening as expected.

Example 1



DPLA record:

https://dp.la/item/680dde2bf560a8d62fca37e5932b329d

API view of record:

Ingest Date: 2023-12-20T20:22:06.822Z

JSON manifest:

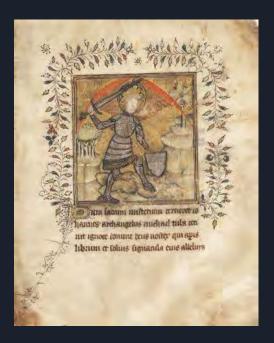
https://library.osu.edu/dc/concern/generic works/js956 h40v.ison

date_created":["1500~"]

"Book of Hours,"

https://hdl.handle.net/1811/87086df9-ff2f-48fb-81ee-90c3608b09e2

Example 2



(1399). Book of Hours. Retrieved from https://libwww.freelibrary.org/digital/item/3836

DPLA record:

https://dp.la/item/ad90056eea3921712b7995fdbcc3c32d

API view of record:

Ingest Date: 2024-01-30T18:54:35.861Z

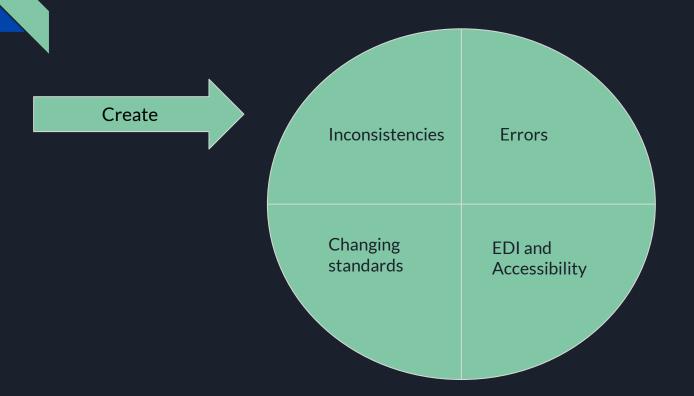
Creation Year (Single Year or Range Begin): 1399

If all else fails...

Fix your metadata after harvest and then reharvest. Lots of institutions have corrected or otherwise changed date metadata after sharing it.

We're all human.:)

Iterative metadata workflows



Shout-out to research partners:

- Scott Goldstein, McGill University
- Morris Levy, OCLC

Thank you!

Annamarie Klose, klose.16@osu.edu

Resources (part 1)

- American National Standard. (n.d.). ANSI INCITS 30-1997 (R2008). ANSI webstore. https://webstore.ansi.org/standards/incits/ansiincits301997r2008
- Banerjee, K., & Reese, T. (2019). Building digital libraries (2nd ed.). ALA Neal-Schuman.
- Chalabi, M. (2013, December 16). Why do Americans write the month before the day? The Guardian.
 - https://www.theguardian.com/news/datablog/2013/dec/16/why-do-americans-write-themonth-before-the-day
- Digital Public Library of America, Metadata application profile, https://pro.dp.la/hubs/metadata-application-profile
- International Organization for Standards. (2019). ISO 8601-1:2019: Date and time: Representations for information exchange: Part 1: Basic rules. ISO. https://www.iso.org/standard/70907.html
- International Organization for Standards. (2019). ISO 8601-1:2019: Date and time: Representations for information exchange: Part 2: Extensions. ISO. https://www.iso.org/standard/70908.html

Resources (part 2)

- Klose, A., Goldstein, S., & Levy, M. (2021). Out of the the past: The challenges of B.C.E. dates in metadata. *ASIS&T Proceedings*, *58*(1), 756-758. https://doi.org/10.1002/pra2.552
- Library of Congress. (2019, February 4). Extended Date/Time Format (EDTF) specification.
 Retrieved June 6, 2021 from http://www.loc.gov/standards/datetime/
- Miller, S. J. (2022). Metadata for digital collections (2nd ed.). ALA Neal-Schuman.
- MIT International Students Office. (n.d.). Americanisms, date format in the United States. MIT.
 https://iso.mit.edu/americanisms/date-format-in-the-united-states/
- World Wide Web Consortium. (1998, August 27). Date and Time Formats. W3C.
 https://www.w3.org/TR/NOTE-datetime
- World Wide Web Consortium. (2020, January 13). Quality Assurance: Tips for Webmasters.
 W3C. https://www.w3.org/QA/Tips/iso-date
- Zavalina, O. L., Alemneh, D. G., Kizhakkethil, P., Phillips, M. E., & Tarver, H. (2015). "Extended Date/Time Format (EDTF) in the Digital Public Library of America's metadata: Exploratory analysis. Proceedings of the Association for Information Science and Technology, 52(1), 1–5. https://doi.org/10.1002/pra2.2015.145052010066
- Zeng, M. L., & Qin, J. (2022). *Metadata* (3rd ed.). ALA Neal-Schuman.

Tools & Tips

- DPLA, API Codex, https://pro.dp.la/developers/api-codex
- DPLA Intro to OpenRefine, https://dp.la/news/dpla-hosts-introduction-to-openrefine
- Library Carpentry, OpenRefine, https://librarycarpentry.org/lc-open-refine/
- OpenRefine, https://openrefine.org/
- Postman, https://www.postman.com/

Developing a Metadata Application Profile Supporting Interoperability, Research, and Data Harvesting for a Digital Library of Music Sources

Jesse P. Karlsberg, Emory University
ALA Core Interest Group Week, March 4, 2024



Sounding Spirit Collaborative

Promotes research, teaching, and public engagement with vernacular sacred songbooks.

- Scholarly editions
- Digital library



Sounding Spirit Digital Library Featured Collections

where sacred songbooks meet digital innovation





Denomination: Restorationist

volumes

The Restorationist movement materialized in the US South in response to growing strife between fractious religious groups. Often traced to the...



Geography: Tennessee

8 volumes

By the early twentieth century, Tennessee was becoming an important center for the production and consumption of gospel music. In 1903,...



Sunday School

8 volume

Sunday or Sabbath schools were first established in the United States in the 1790s. Though initially confined to the urban Northeast, they later...

SHOW ALL FEATURED COLLECTIONS >

Sounding Spirit Digital Library

Expanding a pilot launched in 2020

1,300 songbooks from US South and its diasporas

Published 1850–1925

Forthcoming fall 2024



Sounding Spirit Digital Library

Includes gospel songbooks, spiritual collections, tunebooks, hymnals, Sunday school books

NEH-funded

Archives at seven contributing institutions

Sounding Spirit Digital Library Contributing Archives

- The John Hay Library at Brown University,
- Pitts Theology Library and Stuart A. Rose Manuscript, Archives, and Rare Book Library at Emory University,
- The Center for Popular Music at Middle Tennessee State University,
- The John Jacob Niles Center for American Music and UK Libraries at the University of Kentucky,
- The University of Michigan Library and William L. Clements Library at the University of Michigan,
- The Department of Special Collections and University Archives and Helmerich Center for American Research at the Gilcrease Museum at the University of Tulsa, and
- The Southern Baptist Theological Seminary Archives and Special Collections.

Metadata in Sounding Spirit: Values and Considerations

Metadata and Research Data Working Group

- Diana Folsom (Director of Digital Collections, Gilcrease Museum)
- Erin Fulton, co-chair (Musicology PhD Candidate, University of Kentucky)
- Andrew Hankinson (Sr. Software Developer, RISM)
- Jesse P. Karlsberg, co-chair (Sr. Digital Scholarship Strategist, Emory Univ.)
- Cory Lampert (Head of Digital Collections, UNLV)
- Em Nordling (English PhD Candidate, Emory University)
- Sara Palmer (Digital Text Specialist, Emory University)

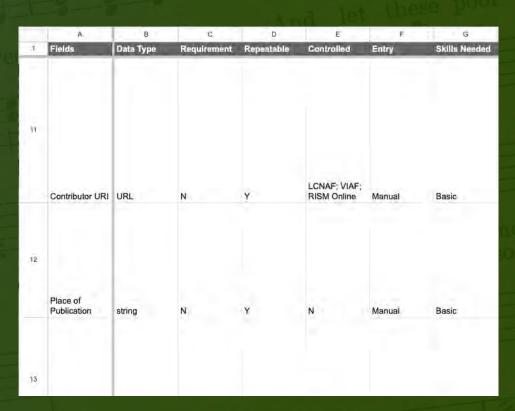
Metadata in Sounding Spirit: Values and Considerations

- 1. User-friendly **browsing** and faceted **search**
- 2. Interoperability through data-sharing partnerships
- 3. Useful for quantitative research

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									practice, this may include all information on the											
									title page, such as the composer's name or other indications. For printed music, include everything											
									on the title page including the imprint. Transcribe											
									the title in its entirety. Do not abbreviate. Indicate											
									line breaks with I (the vertical pipe) with a single- space before and after Use an exclamation											
								point in brackets [f] or [sic] to indicate an unusual												
									or incorrect spelling." If reading order diverges											
									from line order, as with side-by-side text in columns, prioritize reading order and treat											
									sections on the same horizontal plane as then											
							own linus, in mark these	own linux, inserting vertical pipe characters for												
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									caps in all caps. If the title page is missing but the											
									little appears on the cover, transcribe that page											
								and prefere the entry with "[cover.]". If working with a single page document is broadside].												
								include information that would be found on a little												
									page or cover (title, author, publishing information.											
									etc.) but do not transcribe the entire contents of the peace and preface the entire with Topplion tile.											
									p. [1]]," replacing "[1]" as needed with the page											
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2000		-	- 21	. 5.	# Daniel	Marcon I	Side and the second second	the volume. Page image of the front cover.	Leave this field blank if the site page is missing and the book does not include title information.		200			Title on source						- V
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								verso, table of contents or	initials and abbreviations preserved) as they are found in the source. Titles of europe or editors.											
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Data and data entry

- Data Type
- Requirement
- Repeatable
- Controlled
- Entry
- Skills Needed



About the field

- Description
- Source
- Values
- Notes

	A	н	1	1/		
1	Fields	Description	Source	Values	Notes	
30	Publisher URI	The name of the publisher or publishers that issued the work, excluding any firms that are distributors but not publishers. If no publisher is credited but a printer is, the name of this printer.	Page image of the title page of the volume. Library of Congress. Name Authority File. Virtual International Authority File. RISM Online Authority File. https://d.loc.gov/authorities/names.html; https://viaf.org/; https://rism.online/?mode=institutions	URIs of LCNAFs when these exist. URIs of VIAFs if these exist but LCNAFs do not. New RISM Online Name authority URIs created in collaboration with RISM if neither LCNAFs or VIAFs exist.	For names tha leave this field RISM. See the field for contex	
27	Language	The language or languages in which the work is written.	Representative page images of the volume. ISO 639-3: https://iso639-3.sii.org/code_tables/639/data	Full English name of the language as specified in ISO 639-3. If English and another language appear in the same work, list the non-English language first for ease of sorting. List of languages: Cherokee, Choctaw, Creek, Czech, Delaware, Dutch, English, German, Hebrew, Latin, Portuguese, Potawatomi, Spanish		
32	Language Code	The language or languages in which the work is written.	Representative page images of the volume. ISO 639-3: https://iso639-3.sil.org/code_tables/639/data	Three-letter code for the language as specified in ISO 639-3. If English and another language appear in the same work, list the non-English language first for ease of sorting. List of languages: chr, cho, mus, ces, del, nld, eng, ger, heb, lat, por, pot, spa		
88				For paginated works, a number indicating the overall number of pages in the work, with any sequences of separate pagination in their original Roman and Arabic format indicated by the insertion of a comma, followed by the word "pages"; for sequences of pages split into Latin and Arabic numbered sub-sequences, list each subsequence but include starting as well as ending numbers, separated by "—" (en dashes) for the sub-sequences after the first; for unnumbered		

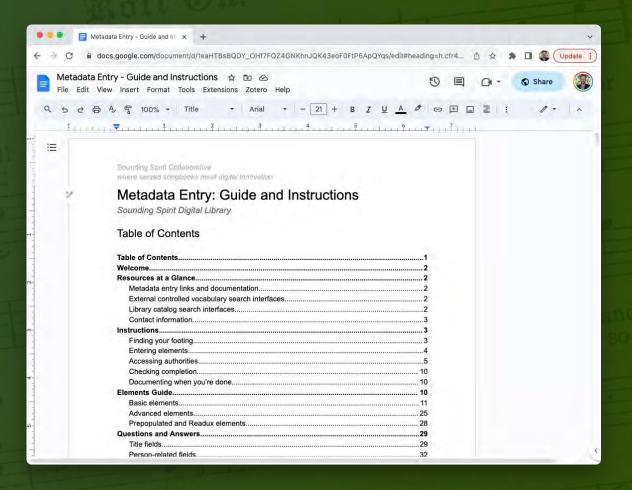
Crosswalk

Equivalent fields and requirements for

- DCMI
- DLG/DPLA
- RISM
- ATLA
- Emory



Guide and Instructions



Browse and Search

Pre-colon title for digestible display

Short Title:

Palmer's Normal Collection of Sacred Music

VS...

PALMER'S NORMAL COLLECTION OF SACRED MUSIC OUNSISTING OF ANTHEMS, CHORUSES, OPENING AND CLOSING PIECES. ALGO, FIECES ADAPTED TO DEDICATION, ORDINATION, INSTALATION, CHRISTMAS, TEMPERANCE, FESTIVAL, NATIONAL, ANNIVERSARY, MISSIONARY, FUNERAL OCCASIONS, ETC., ETC. TO WHICH IN ADDRED A COMPLETE METRICAL DEPARTMENT, COMPRISING NEW TUPES IN UPWARDS OF THIRTY OF THE MORE USUAL METRICS. THE WHOLE BEING WELL ADAPTED TO THE WASTE OF CHOIRS, CONVENTIONS, MUSICAL ASSOCIATIONS, NORMAL SCHOOLS, &c. By H. R. Palmer, Author of the "Borg Quiend," "Elements of Musical Composition," "Facilimental Chase Teaching,"

CINCINNATI:

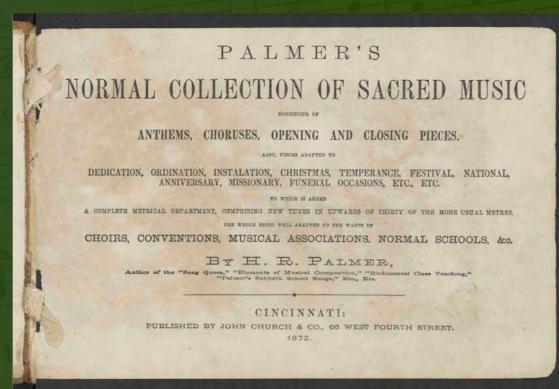
PUBLISHED BY JOHN CHURCH & CO., 66 WEST FOURTH STREET. 1872.

H. R. Palmer, ed., Palmer's Normal Collection of Sacred Music (1872). 1872-Palmer-EMU.

Browse and Search

Title:

Palmer's normal collection of sacred music; consisting of anthems, choruses, opening and closing pieces. Also, pieces adapted to dedication, ordination, instalation [sic], Christmas, temperance, festival, national, anniversary, missionary, funeral occasions, etc., etc. To which is added a complete metrical department, comprising new tunes in upwards of thirty of the more usual metres. The whole being well adapted to the wants of choirs, conventions, musical associations, normal schools, &c.



H. R. Palmer, ed., Palmer's Normal Collection of Sacred Music (1872). 1872-Palmer-EMU.

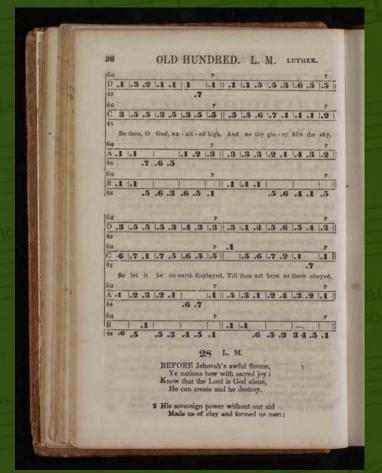
Browse and Search

External and locally controlled vocabularies for faceting

Notation: Numeral

Possible values: Nil, Round, Seven-shape Aikin, Seven-shape Walker, Seven-shape Funk, Seven-shape Johnson, Seven-shape Swan, Seven-shape Hood, Four-shape, Numeral, Numeral staff

(Also: Characteristics, Content, Still in Use)



External controlled vocabularies facilitate interoperable data

Creators, Contributors, Publishers, and Institutions:

Library of Congress Name Authority File (LCNAF)

Places: Getty Thesaurus of Geographic Names (TGN)

Subjects: Faceted Application of Subject Terminology (FAST) Subject Headings

Languages: ISO 639-3

Dates: Extended Date/Time Format (EDTF)

Elements meeting requirements of data sharing partners

All: Subject, Holding Archive, Rights Statement URI

DLG: Medium, Digital Format, Type

RISM: Scoring Summary, Total Scoring, Title on Source, Physical Description,

Local Identifier

Elements meeting partner requirements

Scoring Summary: V, Coro

Total Scoring:

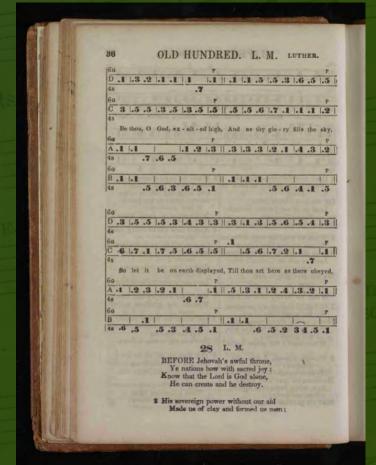
V

Coro Air

Coro Double Air

Coro Counter

Coro Bass



Title on Source:

PALMER'S | NORMAL COLLECTION OF SACRED MUSIC | CONSISTING OF | ANTHEMS, CHORUSES, OPENING AND CLOSING PIECES. | ALSO, PIECES ADAPTED TO I DEDICATION, ORDINATION, INSTALATION [sic], CHRISTMAS, TEMPERANCE, FESTIVAL, NATIONAL, | ANNIVERSARY, MISSIONARY, FUNERAL OCCASIONS, ETC., ETC. | TO WHICH IS ADDED I A COMPLETE METRICAL DEPARTMENT, COMPRISING NEW TUNES IN UPWARDS OF THIRTY OF THE MORE USUAL METRES. | THE WHOLE BEING WELL ADAPTED TO THE WANTS OF I CHOIRS, CONVENTIONS, MUSICAL ASSOCIATIONS, NORMAL SCHOOLS, &c. BY H. R. PALMER, | Author of the "Song Queen," "Elements of Musical Composition," "Rudimental Class Teaching," | "Palmer's Sabbath School Songs," Etc., Etc. | CINCINNATI : | PUBLISHED BY JOHN CHURCH & CO., 66 WEST FOURTH STREET. 1872.

PALMER'S

NORMAL COLLECTION OF SACRED MUSIC

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ANTHEMS, CHORUSES, OPENING AND CLOSING PIECES.

ALSO, PIECES ADAPTED TO

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CINCINNATI

PUBLISHED BY JOHN CHURCH & CO., 68 WEST FOURTH STREET. 1872.

H. R. Palmer, ed., Palmer's Normal Collection of Sacred Music (1872). 1872-Palmer-EMU.

Data harvesting of custom metadata in Readux (https://readux.io)

Built on Django/Python framework.

Ingest of custom metadata in spreadsheet form.

Display in sidebar and customizable incorporation into faceted search.

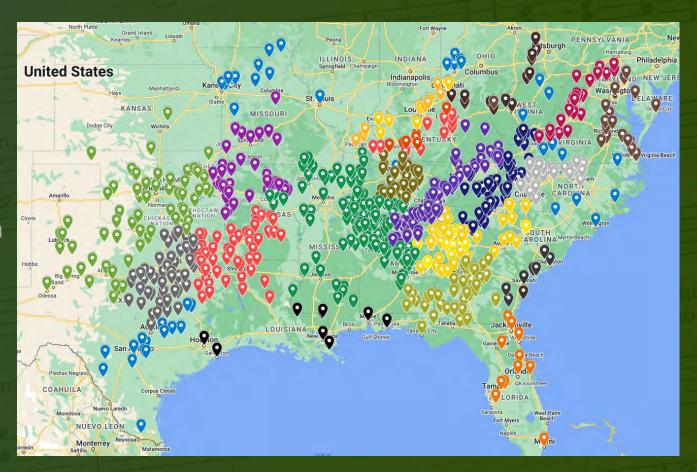
Available for data harvesting in IIIF manifests.

Research

Place of ...

- Contributor Affiliation
- Field Research
- Publication
- Manufacture
- Distribution
- Use

(Also: Dimensions, Characteristics)



Futures

Resources

- Metadata Application Profile: https://bit.ly/sounding-spirit-metadata-map
- Project site: https://soundingspirit.org
- Contact Jesse: jesse.p.karlsberg@emory.edu

Next steps: publishing library and metadata, indexing songs, sharing our work

Thanks to: Erin Fulton, Em Nordling, Lucy Wallitsch, Patrick Pender, Brenda Umutoniwase, Solomon Kim, Anne Evers, Bethany Branscome, Meredith Doster, and the members of the MRD WG. This project has been made possible in part by the National Endowment for the Humanities.

Questions and Answers



Photo by Matt Walsh on Unsplash

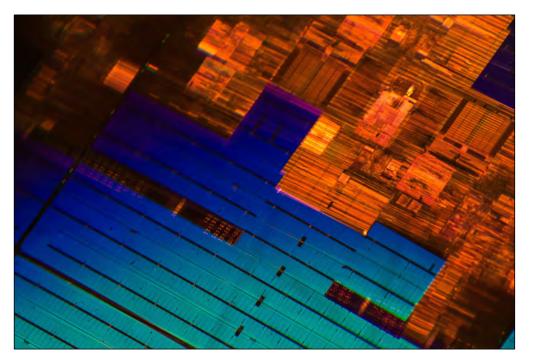


Photo by <u>Jason Leung</u> on <u>Unsplash</u>

Announcements

- ALA Annual Program
 - Staying in MARC: Expectations for BIBFRAME to MARC conversion and the hybrid metadata future, Sun. June 30 1-2 PM Pacific
 - Presenters: Jeff Mixter (OCLC) and Elizabeth Miraglia (University of California, San Diego)
 - Note: Preliminary Schedule date and time
- Let's continue the conversation on ALA Connect!
 - Core Metadata Interest Group: <u>https://connect.ala.org/core/communities/community-home?CommunityKey=a38252d1-29e5-42e7-8b5d-a43a19f99aea</u>

Thank You!



Photo by <u>Aaron Burden</u> on <u>Unsplash</u>