

The OCLC cataloging community meeting

18 JUNE 2025





Emcee

Hank Sway, Product Manager, Metadata & Digital Services

OCLC

Welcome back





Welcome, Morag Boyd!

Director of Metadata Services, Metadata & Digital Services

OCLC



Today's schedule



- Welcome
- Metadata Panel
- Break

- OCLC product update
- OCLC quality update
- Closing





OCLC cataloging products and services update















What we'll cover

- Leveraging AI in OCLC cataloging applications
- Transforming the Dewey Decimal Classification System into linked data
- Announcing a new Connexion macro
- Increasing WorldShare Collection Manager's interoperability
- Spotlighting the WorldCat Metadata API



OCLC cataloging community meeting

Leveraging AI in OCLC cataloging applications



Alexis Fintel
Product Analyst,
Metadata & Digital
Services
OCLC



Petra Löffel
Senior Product Analyst,
Metadata & Digital Servies
OCLC



Enriching records with Al for better discoverability

Rich metadata makes collections more discoverable

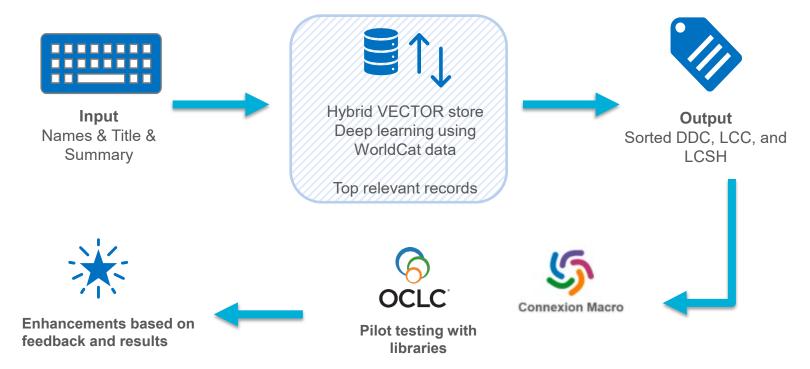
- Subject and classification analysis is the most difficult part of cataloging workflow
- Initial focus on: Dewey Decimal classification, Library of Congress classification, and Library of Congress subject headings



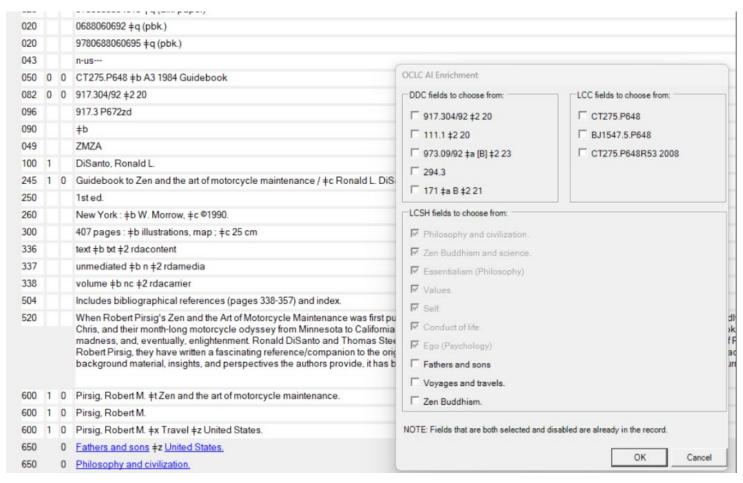


Experiment Outcomes:

Improved scalability and query speed with human feedback loop







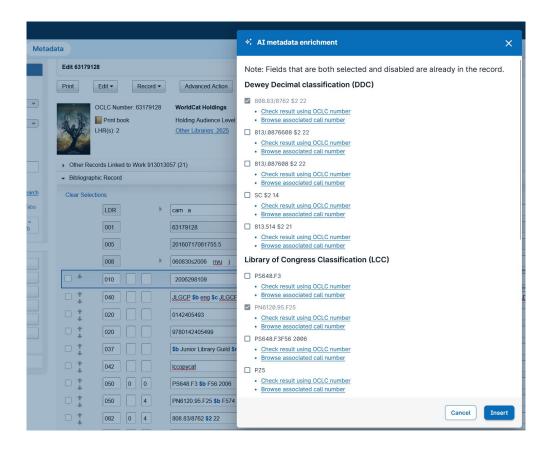


Feedback from Connexion pilot testers

- Libraries are using only DDC or LCC, not both
- Subdivisions make the suggestions more accurate
- Catalogers want to verify the suggestions



Metadata Al enrichment in Record Manager





Incorporating feedback into Record Manager: Verification of Al suggestions

- Al suggestions for call numbers and subjects are based on existing WorldCat data
- A link to the underlying OCLC number allows you to verify the suggestion within Record Manager

Library of Congress Classification (LCC)

- ¬ PR6039.O32
 - · Check result using OCLC number
 - · Browse associated call number
- PZ3.T576 \$a PR6039.O32
 - · Check result using OCLC number
 - · Browse associated call number
- □ PR6039 O32 S57 2014
 - · Check result using OCLC number
 - Browse associated call number

Library of Congress subject headings (LCSH)

- ☐ Middle Earth (Imaginary place) \$v Fiction.
 - · Check result using OCLC number
 - · Search subject headings
- ☐ Elves \$v Fiction.
 - · Check result using OCLC number
 - Search subject headings
- Fantasy fiction, English.
 - Check result using OCLC number
 - Search subject headings

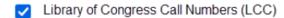


Incorporating feedback into Record Manager: Selecting type of results

- New user preference under "Working with Records"
 - Dewey Call Numbers (DDC)
 - Library of Congress Call Numbers (LCC)
 - Library of Congress Subject Headings (LCSH)
- Users can decide which option to enable







Library of Congress Subject Headings (LCSH)



Next steps

 Complete analysis of Connexion pilot data and incorporate feedback



 Pilot with libraries using Record Manager this upcoming quarter







Transforming the Dewey Decimal Classification System into linked data



Jeff Mixter
Senior Product Manager,
Metadata & Digital Services
OCLC



Dewey Decimal Classification

Unlocks the power of Dewey numbers via the creation of URIs

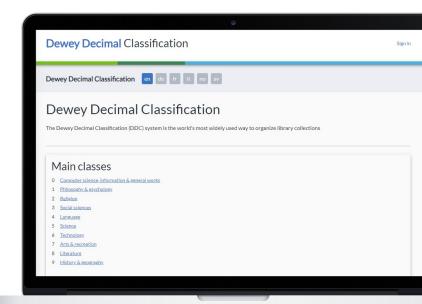
Forms the foundation for "concept" entities

Provides subject classifications to Works entities in WorldCat Entities

Creates a layer of new relationships for knowledge graphs

Connects Dewey classifications to FAST topical headings

oc.lc/dewey-linked-data





Dewey Decimal Classification

Sign in

Dewey Decimal Classification en de fr it no sv

DDC / 6: Technology / 62: Engineering / 627: Hydraulic engineering

WebDewey users can sign in to access the full range of Dewey linked data URIs and associated metadata

627: Hydraulic engineering



URI: https://id.oclc.org/worldcat/ddc/E3tPjwQmcxRdR8jHvRd4fcFy3g

Entity type: Concept

URI that can be downloaded or copied/pasted for use in other systems and services

Scope

The branch of engineering dealing with utilization and control of natural waters of the earth

Class here hydraulic structures, water resource engineering

oc.lc/dewey-linked-data

Scope notes that provide context for the topic and Dewey number



Make use of Dewey linked data APIs

Dewey Linked Data

Full Dewey linked data access included with a WebDewey subscription; limited access for non-WebDewey subscribers

Dewey Lookup API

Available to WebDewey subscribers only

oc.lc/dewey-services-apis



```
"@context": "https://id.oclc.org/worldcat/ddc/context.json",
"id": "https://id.oclc.org/worldcat/ddc/E3PRvcKgGchft6DvhYfjPKx7w9",
                                                                                              Sample of
"type": "Concept".
"created": "2000-02-02",
                                                                                             Dewey data
"modified": "2024-02-26T13:40:49Z",
"altLabel": [ 6 elements... ],
"broader": "https://id.oclc.org/worldcat/ddc/E3K49bfD7gbP9pvDKv6Jm7xTj7",
"inScheme": "https://id.oclc.org/worldcat/ddc/",
"notation": "025.316",
"prefLabel": {
    "en": "Machine-readable record formats",
    "sv": "Maskinläsbara postformat",
   "no": "Formater for maskinlesbare kataloger",
    "fr": "Formats d'enregistrement catalographique lisibles par machine",
    "it": "Formati di registrazione leggibili dalla macchina",
    "de": "Maschinenlesbare Katalogdatenformate"
},
"related": [
    "https://id.oclc.org/worldcat/ddc/E3qdGPBtR8TkYfRCd9qw7RhKG8",
    "https://id.oclc.org/worldcat/ddc/E477KhygmMFfRpxwPyVbcTMHFY",
    "https://id.oclc.org/worldcat/ddc/E48DxR4DrFWPDdtJGMkMKJhGGp"
"relatedMatch": "http://id.worldcat.org/fast/1004492",
"scopeNote": {
    "sv": [
        "Klassificera här kommunikation och interna format för maskinläsbara katalogposter, för metadata; Machine-Readable Cataloging
```

Integrating Dewey linked data into WorldCat

Uses of Dewey URIs:

- Unlock relationships between classifications in discovery systems
- Multilingual and human readable labels for Dewey numbers
- Bridge classifications and topical subject headings for enhanced information discovery

143 million WorldCat records

As of mid-June, OCLC has added over 50 million Dewey Linked Data URIs





Announcing a new Connexion macro



Alexis Fintel
Product Analyst, Metadata
& Digital Services
OCLC



Coming soon to Connexion: Entities Toolkit

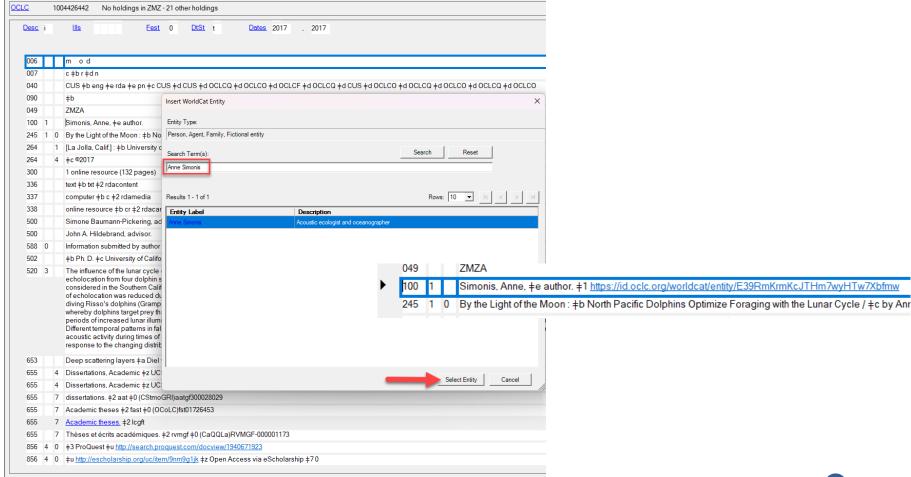
Search and insert WorldCat Entities URIs in a bibliographic record with macro "toolkit" package

WorldCat Entities URIs can be added to fields:

- Person entity 100, 600, or 700
- Organization entity 110, 610, or 710
- Event entity 647
- Place entity 651

Entities appear in the #1 of the field









Increasing WorldShare Collection Manager's interoperability



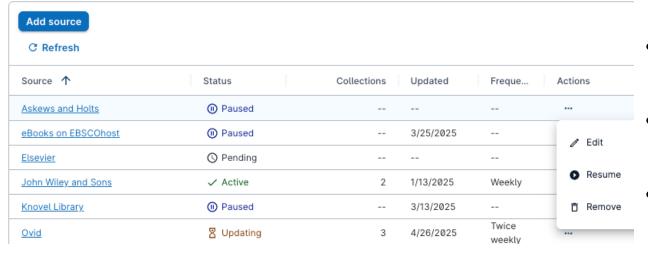
Hank Sway
Product Manager, Metadata
& Digital Services
OCLC



New Collection Manager home page

Automatic holdings feeds

Monitor data loads for providers with automatic collection loading and maintenance for their knowledge base collections.



- "Set it and forget it" convenience with enhanced visibility
- Real-time status indicators
- Recent updates at a glance
- From your feedback:
 "We need to see what's happening"



Better integration with Alma KB

- WorldCat data in your systems of choice
- Streamlined synchronization between systems
- Improved error handling
- Status visibility throughout the sync process

KB sync

Source ↑	Status	Updated
Alma	Active	3/25/2025
EBSCO Full Text Finder	Inactive	
Serials Solutions	Inactive	
SFX	Inactive	





Spotlighting the WorldCat Metadata API



Karen Coombs
Senior Product Analyst,
Discovery Services
OCLC



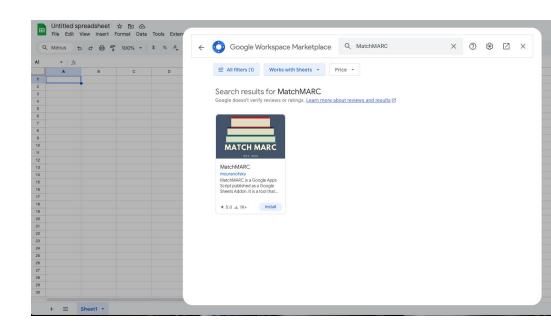
The WorldCat Metadata API best practices

- Use for small to medium batch operations 200k or less
- Plan your project appropriately
- Send a clear UserAgent header for transactions
- Only send 1-2 threads at a time to the API



MatchMarc

- Google Sheets Add On
- Created by Lehigh University
- Search for "best" MARC record based on ISBN or LCCN
- Pull back specific MARC fields





MarcEdit

- WorldCat Extension
- Search WorldCat records
- Create & Update bibliographic records
- Manage holdings
- Interact with other WorldCat data LBDs & LHRs



OpenRefine

Limited simple API interactions

Need a longer-lived Access Token?

- Email devnet@oclc.org and ask for your token length to be extended to 60 minutes
- Iterate through a set of data and perform a task: e.g.
- Set/unset holdings
- Extract metadata
- Obtain LBD or LHR Numbers from OCLC Numbers



BookOps-WorldCat

- Created by New York Public Library
- Makes interactions with WorldCat Metadata API easier
- Handles authentication, simplifies core set of API requests such as:
- Searching WorldCat
- Managing Bibliographic Records
- Managing Holdings

Python code library: bookops-worldcat/1.1/



Developer Network code samples

- Located in GitHub
- gists/wc-metadata Demonstrate particular functionality within API
- Match Record using MARC
- Match OCLCNumber using identifiers
- Get Latest Edition
- Set Holdings
- Create LBD
- Delete LHR
- pyMetadata scripts to manipulate metadata



Interact with the wider API community

 Post questions to the API Community Center Come to our monthly API office hours and ask questions

Next session

Date: July 24, 2025

Time: 11 am EDT

Visit: oc.lc/api-community

Register at:

oc.lc/api-office-hours-24july



oclc cataloging products and services update



Webex:

Please submit questions in chat and address the chat to "everyone"

Vimeo livestream:

Please use the form on the livestream page to submit questions



OCLC cataloging community meeting

OCLC's commitment to WorldCat quality



Laura Ramsey
Senior Metadata
Operations Manager,
Data Quality
OCLC



Kate James
Program Coordinator,
Metadata Engagement
OCLC



Deduplication to improve WorldCat quality and discovery

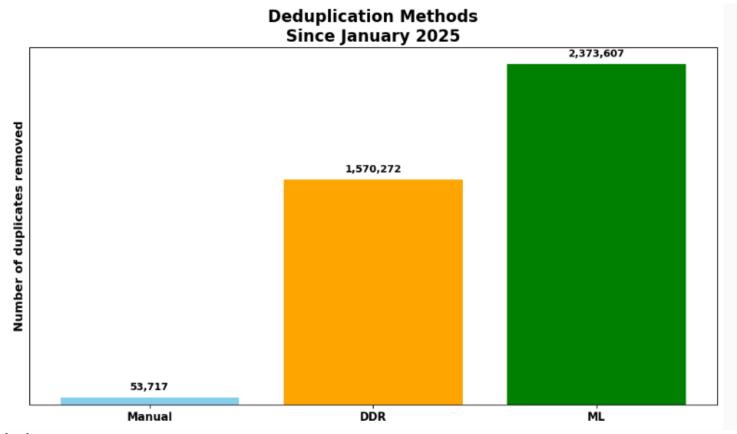


Methods of deduplication

- Manual merging by OCLC staff and members
 - Helps address the trickier situations that algorithms and rules cannot address
- Duplicate Detection and Resolution (DDR)
 - Runs continuously on new and updated bibliographic records
- Machine Learning Deduplication
 - Runs on demand every 1-2 weeks



Comparison of deduplication methods





Machine learning deduplication update

- Version 2 launched in February 2025 targeting English print book records
- 2,373,607 duplicate records were removed through May
- Non-English print book phase began in June removing 309,486 duplicate records
- We have removed a total of **8,137,322** duplicates since Aug. 2023
- Additional processing will resume around June 16th and run at regular intervals to remove ~5 million duplicate records
- Future phases will include non-book formats



Data labeling project

- Machine learning model was designed around input from our members and OCLC staff
- Continuing to seek feedback from the cataloging community on all formats and languages through June 2025
- Participation requires a WorldShare account
- Log in to see the interface and do some labeling!

labelduplicates.worldcat.org/



WorldCat enrichment and maintenance

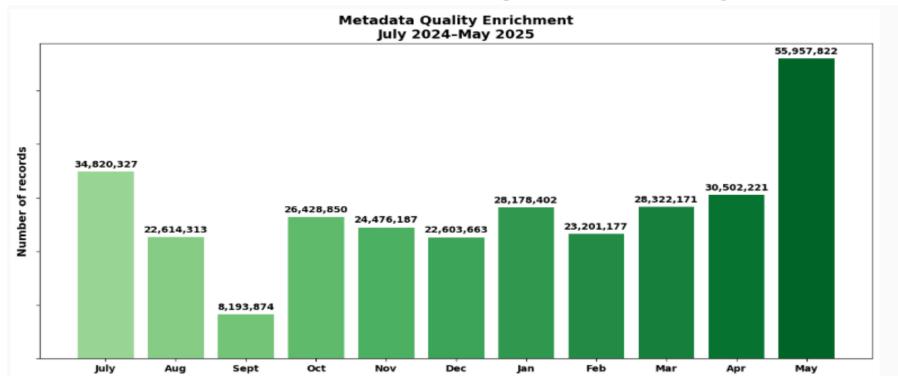


Improving the quality of WorldCat

- Adding WorldCat Entities URIs
- Converting Encoding level "M" records to MARC 21 values
- Correcting language of cataloging
- Updating LC and FAST subject headings
- Removing local data such as URLs
- Removing GMDs in field 245 \$h
- Removing invalid genre headings (i.e., Electronic books)



Better tools result in higher quality





Reporting to Metadata Quality (MQ)

WorldCat bibliographic record requests:

bibchange@oclc.org

 Non-NACO member requests for new authority records or modifications to existing records:

authfile@oclc.org

Cataloging advice from our experts:

askQC@oclc.org



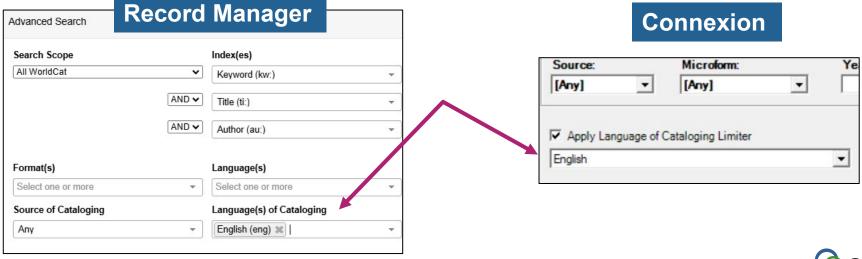
Search tips from OCLC Metadata Quality staff



Limit language of cataloging

"Limit to your own language of cataloging to avoid irrelevant search results and help prevent updating the wrong record"

— Megan Johnson, Data Analyst, OCLC





Use derived search in Connexion

"The old 3,2,2,1 and 4,4 and other searches still work just fine, and you can put together some very precise searches"

— Cynthia Whitacre, Senior Metadata Operations Manager, OCLC

Derived search formats:

- Title (td:) 3,2,2,1
- Personal name (pd:) 4,3,1
- Corporate/conference name (cd:) 4,3,1
- Name/title (nd:) 4,4

Command Line Search td:nou,hi,du,q

Record	Description
	Nouvelle histoire du Québec et du Canada / Louise Charpentier [and others]. Montrél : Éditions du Borél Express, ©1985. 448 pages CatL:eng OCLC: 1032664938, Holdings: 2
2	Nouvelle histoire du Québec et du Canada / Louise Charpentier [and others]. [Montréal] : Centre Educatif et Culturel, 1985. 448 pages : illustrations (certaines en coul.), cartes géographiques, portraits ; 28 cm CatL:eng OCLC: 70479332, Holdings: 7
3	Nouvelle histoire du Québec et du Canada / Louise Charpentier [et al.]. 2e éd. Montréal : Centre éducatif et culturel, 1990. 1 online resource (463 pages : illustrations) [ELECTRONIC] CatL:eng OCLC: 1150970924, Holdings: 4
4	Nouvelle histoire du Québec et du Canada / Louise Charpentier [and others]. 2e éd. Montréal : Centre éducatif et culturel, 1990. 463 pages : illustrations, maps ; 28 cm CatL:eng OCLC: 427387457, Holdings: 7



Jump in with root/expanded browse

"For LC Authorities, doing a root/expanded browse is a great way to get to the right spot for authors with many name/title records like Shakespeare. It works in Record Manager and Connexion"

— Bryan Baldus, Senior Data Analyst, OCLC







Fact-checking from Metadata Quality



Editing CONSER records

Statement: Only CONSER members can edit CONSER records

022	0		2163-3886 ‡2 1
037	Г		‡b Nova Science Publishers, Inc., 400 Oser Ave., Suite 1600, Hauppauge, NY 11788
042			pcc ‡a nsdp
050	0	0	TP248.27.M37 ‡b B58
082	0	0	660.6 ‡2 23 ‡1 https://id.oclc.org/worldcat/ddc/E3D9VwxgGwwXmRPH4fbcFbw7TX
049			OCLC
210	0		Blue biotechnol. j.
222		0	Blue biotechnology journal
245	0	0	Blue biotechnology journal.
264		1	Hauppauge, New York: †b Nova Science Publishers, Inc., †c 2012-
310			Quarterly



Editing CONSER records

Statement: Only CONSER members can edit CONSER records

CORRECT

Fact: While you must be a CONSER member to edit a CONSER record, you may email OCLC if the record needs to be updated. Email bibchange@oclc.org or use the online form.

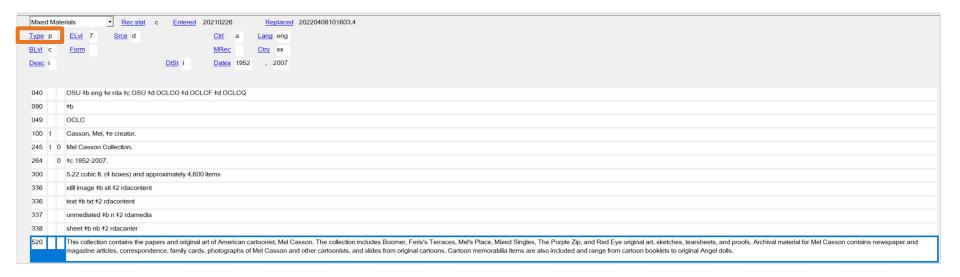
See BFAS 5.3, National Cooperative Programs

oc.lc/bfas-cooperative-programs



Type of record "p" (Mixed materials)

Statement: All archival collections records should be type "p"





Type of record "p" (Mixed materials)

Statement: All archival collections records should be type "p"

INCORRECT

Fact: Use the code for the predominant material type, e.g, "t" for a collection of mostly manuscript language material such as letters, diaries, and typescripts. Only use "p" if no material type is predominant

See BFAS, Type: Type of Record

oc.lc/bfas-fixed-field-type



Encoding level "M"

Statement: Records with "M" are minimal-level.





Encoding level "M"

Statement: Records with "M" are minimal-level.

MISLEADING

Fact: This code says nothing about the record quality or completeness. A record coded "M" could be minimal-level, but it also could be full-level. The code means the record was added via an automated process from certain libraries.

See BFAS, Elvl: Encoding Level

oc.lc/bfas-fixed-field-elvl



Join us for Virtual AskQC Office Hours

August

 From title source to AI-generated metadata: Why data provenance matters

September

WorldCat records revealed: The secret lives of validation and controlling

October

Making RDA relationship elements work

Register at oc.lc/askqc



Celebrating Cynthia Whitacre!

On 13 April 1987, a young cataloger named "Cynthia" came to work at OCLC ...



Cynthia at ALA 2024!





Cynthia's first day!

... in July 2025, Cynthia is retiring after 38 years!



Add to our Kudoboard



Scan this code to add your message

I don't think I've ever shared this with you... My first professional position was a non-book cataloger at Northern University. It wasn't long after I started, that my boss told me they had contracted with OCLC for a retrospective conversion project. She then handed me YOUR business card, and you and I talked many times over the course of that project. Thankfully, you knew I was new to my position, understood the work much better than I did at the time, and the

project was a huge success.

Please add your message by 29 July 2025 before 9:00 am Eastern Daylight Time

Congratulations Cynthia! I remember talking to you on the phone the first day you realized you were being transferred to Quality Control. I could tell from that conversation that our area was going to be in good hands. You always provided me with encouragement, support, and a wealth of cataloging knowledge that helped me in every aspect of my growth at OCLC. I know you will continue with all your varied interests in reading, traveling, and going to concerts,

museums and enjoying all the time that r Enjoy this next chapter.

Cynthia, thank you so much for your sharing your support when you were my manager, your friendship and comradery as manager colleagues, and your vast expertise in all things cataloging and PCC.

Thank you, Cynthia, for hiring me and trusting me to plan programs for the cataloging community, which is the best part of my job. I will miss you, but I think some part of your spirit will always be at OCLC.

Kate

Cynthia:

It feels as if we've worked together as colleagues between OCLC and LC forever, so it's hard to imagine your not being among us! It's been a lovely forever relationship! Thank you for organizing those wonderful PCC Steering Committee

dinners! The one in So

All the best in your ne beacher wiggins





Join us in-person @ ALA

OCLC Cataloging Community Meeting Friday, June 27 at 10:30 am Pennsylvania Convention Center 115A

- Meet with OCLC staff and colleagues
- Ask cataloging policy questions
- Get the latest and greatest info
- Celebrate Cynthia!





OCLC's commitment to WorldCat quality



Webex:

Please submit questions in chat and address the chat to "everyone"

Vimeo livestream:

Please use the form on the livestream page to submit questions



Final notes

Recordings, slides & links

- Watch your email
 - Webex email
 - Listservs
- OCLC will post links to content in the <u>Cataloging & Metadata</u> community
- Series site: oc.lc/catalogingcommunity-meetings



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Continue the conversation

- Cataloging policy
 - Email AskQC@oclc.org
 - AskQC twice monthly webinars
- News, discussions, and more...
 - Cataloging and Metadata community
 - Record Manager <u>community</u>
 - Collection Manager <u>community</u>
 - Meridian <u>community</u>
 - OCLC APIs community





thank you

Stay in touch

Regional offices:

oc.lc/offices

Community Center:

oc.lc/community



























Thank you



#OCLCcataloging



thank you

And thank you to the community!

