
***2017–2018 CARLI Technical Services Committee Annual Project:
Recommendations for the New VuFind Online Catalog***

The Technical Services Committee has built a list of recommendations to assist CARLI developers in their continued efforts to improve the New VuFind online catalog. These recommendations reflect Committee members' investigations of New VuFind's indexing and display. The Committee has ranked these recommendations according to their level of importance, determined through the Committee's internal review and voting process which is reflected in the list of recommendations below. The Committee acknowledges that not only can these recommendations benefit CARLI developers, but they also can benefit all CARLI members and Illinois patrons utilizing the New VuFind I-Share catalog and/or local I-Share catalogs.

The recommendations chart below is broken down into the following headings:

1. Recommendation Number
2. Category
3. Recommendation
4. Details
5. GitHub Issue #
6. Rank

2017-2018 Technical Services Committee

Jessica Grzegorski (2016-2019) Newberry Library
Mary Konkel (2014-2018) College of DuPage
Joelen Pastva (2015-2018) Northwestern University
Gayle Porter (2017-2020) Chicago State University
Adrienne Radzvickas (2017-2020) Lincoln College
Nicole Ream-Sotomayor (2016-2019) University of Illinois at Urbana-Champaign
Sandy Roe (2015-2018) Illinois State University
Cynthia Romanowski (2016-2019) Governors State University, Chair
Chris Schmit (2017-2018) National-Louis University (resigned due to employment change to a non-CARLI institution.)

No.	Category	Recommendation	Details	GitHub issue #	Ranking
1	Index	Index relationship designators in the Bib tags 100e, 110e, 700e, and 710e	The ability to search and filter results by relationship designator would narrow down results to a specific role when the creator queried as multiple roles. For example, Benjamin Franklin is both an author and an artist, and the user would select the proper relationship designator to determine desired results.		1
2	Display	Display Bib tags 561, 562, 563, 585 and 590 in Description tab in local catalogs.	These fields display copy-specific information that is important to individual institutions and their users.	193	1
3	Display	Display other Bib 5XX fields (501, 502, 505, 511, 515, 525, 530, 533, 546, 550, and 586) in Description tab.	Since 5XX note fields are generally not required, catalogers use them to communicate important information about a resource to users. This information can significantly help users in evaluating and selecting resources. These MARC fields generally do not need labels to be understood.	193	1
4	Display	Display Bib tags 510, 524, 541 (first indicator "1" or blank), 544, and 545 in Description tab.	These fields, especially 545, are commonly used when cataloging archival and special collections. Appropriate labels would also be useful for display: 510 = References; 524 = Preferred citation of materials; 541 = Source of acquisition; 544 = Other archival materials; 545 = Biographical/historical note.	193	1
5	Index	Index the Bib 880 fields as fielded searches (e.g., title, author).	880 fields with non-Latin script are currently indexed in VuFind for keyword searching only, so users cannot perform fielded searches (title, author) in non-Latin script. If they do, the result is always 0 returns.		1

No.	Category	Recommendation	Details	GitHub issue #	Ranking
6	Display	Clean up ending punctuation for the browse function.	Currently multiple entries appear in the author browse depending on the use of punctuation in the access point. E.g., in the UIUC instance, an author browse for Rowling, J. K. shows 2 entries: Rowling, J. K., [assume these have a \$e in the bib] and Rowling, J. K.		1
7	Index	Fully index MFHDs.	Fully index MFHDs, including the 541, 561, 562, 563, 583, and 852 fields. Allow for searching these fields through a "Holdings Record Search" option in the local catalog.		1
8	Display	Display MFHD tags 541, 561, 562, 563, and 583 as "notes" in the holdings display of the local catalog.	Libraries use these fields to add copy-specific notes that are beneficial to users. These notes should display alongside holdings information in local catalogs.		1
9	Index & Display	245 \$n and \$p in bib record should display in results list.	In New VuFind, \$n and \$p do not display in results list. Adding the display of this field will make it easier to choose the correct record the first time instead of having to click on each individual record, especially since there is no ability to click on "Next Record." The result list should display in \$a, \$b, \$n and \$p order regardless of how they are entered within the 245.	136	1
10	Relevance Ranking	Identify how relevance is determined.	Assist developers in determining relevance ranking, including performing test searches for a variety of titles/formats and identifying other use cases	57	1

No.	Category	Recommendation	Details	GitHub issue #	Ranking
11	Index, Display, Relevance Ranking	Title keyword search should be by order of the input words.	In New VuFind, the Title keyword search does not display results in the proper relevance order which causes the desired title to be buried amongst the retrieved results. In VuFind 0.6, the Title search maintains the order at which the words are input within the search box, resulting in fewer results. In New VuFind, the search terms can appear in any order so long as they are within the title, resulting in far more records, but burying the desired record.	57	1
12	Format	Combine the format icon display name when electronic is triggered with a second format.	Use conventional terminology (as in VuFind 0.6) rather than FORMAT + ELECTRONIC. (e.g. eBook, eJournal, eMap, eVideo, eAudiobook, etc.) See Appendix.		1
13	Display	MFHDs to properly display holdings for items with no actual barcode when viewing the Holdings within the record.	MFHDs that have item records with no barcode will display the phrase "The catalog cannot display location or copy information at this time. Please ask a library staff member for assistance." This poses a problem for any library that does not use barcodes for their materials. It prevents accurate holdings data from displaying in the catalog; therefore, renders New VuFind useless.	242	1
14	Display	Display all 5XX fields from authority records in Author Browse.	Authority record for Rowling, J. K. has three 5XX fields, but only the first, "Galbraith, Robert" displays in the Browse results as a "See also." The 663 note from her record does display, directing users to 3 pseudonyms. The entry for Galbraith shows no 5XX fields, and also doesn't display the 663 note to also search under Rowling, J. K.		2

No.	Category	Recommendation	Details	GitHub issue #	Ranking
15	Format	Use bib tag 006 for audio recording facet.	Audio recording facet is currently limited to only the 008 field. Adding the 006 as well would allow for accompanying material to be represented in a search result when limited to the audio recording facet.		2
16	Format	Add format for "data" or "dataset."	Listed in GitHub as INACTIVE. Last note says: NS has been in touch with them to try to get a specification for a data/dataset format, but one has not yet been established. This does have merit.	124	2
17	Display	Modify field label for bib tag 555 when first indicator is blank.	The current label "Finding Aid" is misleading for cumulative indexes. Use label "Indexes" or similar instead when first indicator is blank. Continue to use "Finding Aid" for first indicator "0."		3
18	Index & Display	Display bib 245 \$a,\$b,\$n,\$p in proper order in results list.	In New VuFind, the 245 \$a, \$b, \$n, \$p are not sorting in the correct order, which causes the results to be incorrectly sorted. The same title and year, but different editions, should appear next to each. Currently, if a title is cataloged with the exact same title, but differs in edition statement, it does not display below the other as it previously did in VuFind 0.6.		3
19	Index & Display	Display bib tags 385/386 in search results.	Fields for audience and creator/contributor characteristics, e.g. Boolean search for 385 HIV Long-Term Survivors AND Caregivers or 385 HIV-positive persons AND Caregivers to find "Health care and HIV"	145	3

No.	Category	Recommendation	Details	GitHub issue #	Ranking
20	Record Navigation	Add a Next Record/Previous Record navigation option.	There is no current option to move forward or backwards in your search results once you click into a bib record. One must click on the Search to get back to the results list. However, if you happened to have chosen a title that has many results, it can be confusing as to where you left off in your record search. The search results currently do not display \$n or \$p nor does it properly rank the titles.	Similar to 217	3
21	Index	Search via 852 \$k with Call Number search selected in local New VuFind catalog	Currently, you can search via subfield k entries by selecting the All Fields, but we recommend it be part of the Call Number Search.		3
22	Limits	Ability to limit via Location on initial Advanced Search in local New VuFind catalog	Currently, there is no way to limit to a specific location on the initial Advanced Search		3

Appendix

NEW VUFIND: FORMAT LABEL RECOMMENDATIONS	
Current New VuFind Format Label	Recommended Conventional Terminology Change
2D Art	no change
2D Art + Electronic	2D eArt
3D Object	no change
3D Object + Electronic	3D eArt
Archival Collection	no change
Archival Collection + Electronic	eArchival Collection
Archive	no change
Archive + Electronic	eArchive
Audio CD	no change
Audiocassette	no change
Blu-ray	no change
Book	no change
Book + Electronic	eBook
Braille	no change
CD-ROM	no change
***add new format	Dataset
DVD	no change
Journal/Magazine	no change
Journal/Magazine + Electronic	eJournal
Kit	no change
Large Print	no change
Manuscript	no change
Manuscript + Electronic	eManuscript
Map	no change
Map + Electronic	eMap
Microform	no change
Mixed Material	no change
Movie	Video
Movie + Electronic	eVideo
Music Manuscript	no change
Music Manuscript + Electronic	Music eManuscript
Music Recording	no change
Music Recording + Electronic	eMusic
Music Score	no change
Music Score + Electronic	eScore
Reel-to-Reel	no change

NEW VUFIND: FORMAT LABEL RECOMMENDATIONS

Current New VuFind Format Label	Recommended Conventional Terminology Change
Slide	no change
Software/Computer File	no change
Spoken Word Recording	no change
Spoken Word Recording + Electronic	eAudio
Textual Material	no change
Textual Material + Electronic	eText
VHS	no change
Vinyl LP	no change