

UNDER DE-CONSTRUCTION

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May 16, 2019*

“The Catalog is in decline,
its processes and structures are unsustainable, and
change needs to be swift”

Karen Calhoun, from *The Changing Nature of the Catalog and its Integration with Other Discovery Tools*,
Final Report, March 17, 2006

Reasons for the Change

- Discovery expectations
 - more focus needed for users whose information seeking behaviour have changed significantly
 - “Metasearch” - pulling together information resources, including library data, has not been fully realized
 - Increased use of Faceting by Information Providers
 - Prepare linkages in and out of the catalog
 - Need to rethink how users find and use library resources
 - Improve the User Experience
 - Better Browsing and organization of “large retrieval sets”
 - “Best match” retrieval
 - Need to create Linked Data functionality and RDF (Resource Description Framework)
-

Who are the Information Providers?

CD Baby Music Store

By Genre	By Location
Rock (2183)	United States (569)
Pop (1908)	California - LA (409)
Hip-Hop/Rap (1695)	Texas (369)
Folk (1025)	California (363)
Show More	Show More

Anywhere Users are Looking for information
(e.g., IMDB, Amazon, Goodreads, LibraryThing,
Google Scholar, Archives, Museums,)

By Location

United States (569)
California - LA (409)
Texas (369)
California (363)
Illinois (353)
ITALY (326)
New York (289)
NY - New York City (277)
Florida (273)
California - SF (224)
Georgia (221)
Brazil (200)
Tennessee (198)
CANADA - Ontario (193)
UK - England - London (172)
New Jersey (159)
Pennsylvania (156)



Library Bards: Gandalf! (2014)

6min | Short, Comedy, Music | Video 16 December 2014



Details

Country: [USA](#)

Language: [English](#)

Release Date: 16 December 2014 (USA) [See more »](#)

Box Office

Budget: \$200 (estimated)

[See more on IMDbPro »](#)

Company Credits

[Show more on IMDbPro »](#)

Technical Specs

Runtime: 6 min

Color: [Color](#)

[See full technical specs »](#)

Did You Know?

Connections

Spoofs [The Hobbit: The Battle of the Five Armies \(2014\)](#) [See more »](#)

Calhoun's Three Strategies (with 32 options)

1. Lead
 - a. Discipline-Based Repositories (e.g., everything in the Digital Library of Georgia)
 2. Expand
 - a. Shared not local catalogs
 - b. Lots of Registries; eliminate redundancy - [the biggest game changer for cataloging]
 - c. Repurpose Name Authority Data - [another game changer in cataloging]
 3. Extend the life of the Catalog
 - a. Study Users not Systems (IFLA-LRM and the new RDA; FISO"E")
 - b. Participate and Insist on Standards Compliance
 - c. "Deploy" Existing Cataloging Data in New Ways
 - d. Reconceptualize and Simplify Serial Records
 - e. Eliminate local practices and Customized workflows in favor of Best Practices
 - f. Eliminate LCSH
-

“Deploy” Existing Cataloging Data in New Ways

- The addition of a **\$2** for all new and old fields allow the same data to be reused in various contexts

380;__; \$a Novels. \$2 lcgft [Form of Work]

655;_7; \$a Novels. \$2 lcgft [Genre/Form]

- The addition of **\$0** and **\$1** throughout fields will facilitate “linking” for Linked Data
 - \$0 Authority Control Number or Identifier
 - \$1 Real World Object URI

100;1_; \$a Obama, Michelle, \$d 1964- \$0 <http://id.loc.gov/authorities/names/n2008054754> \$1
<http://viaf.org/viaf/81404344>

Eliminate LCSH?

LCSH is not going away. However, beginning in 2007 preparation for subject string divestment of any terms that are not clear subject headings began; some subject strings are also being established (e.g., multiples)

600,610,630,650 - will only contain the terms that are "About" the Work

New Thesari have been developed to help facilitate this change

- LCGFT - Library of Congress Genre/Form Terms (655, 380, 381)
 - LCMPT - Library of Congress Medium of Performance Terms (382)
 - LCDGT - Library of Congress Demographic Group Terms (385, 386)
-

LCSH

American poetry--Virginia--20th century--Women authors--Periodicals

[Subject--Place--Timespan--Creator Characteristics--Genre]

[sh 85004387--n 79022909--sh 85004387--sh2002005435--sh 99001647]

- Created by stitching subjects and name together - not a single search string
- No distinction made between Periodicals as Genre and Periodicals as Subject
- Primary subject is American poetry ... but is it really “about” poetry?
- Is this poetry “about” Virginia?
- Note: This example does not reflect the subject of the work
 - As an aggregate work, it would have poetry on many subjects



A Summary Timeline ...

1998 - FAST (Faceted Application of Subject Terminology)

2002 - 655;_#; ... \$2 Source of Terms

2006 - Calhoun Report released

2007 - iPhone appeared

2010 - RDA Appears - Adopted by LC in 2012

2010 - 380: Form of Work

2010 - 381: Other Distinguishing Characteristic of Works and Expressions

2010 - 382: Medium of Performance

2011 - 377: Associated Language

2013 - 385: Audience Characteristics

2013 - 386: Creator/Contributor Characteristics

2014 - 388: Time period of Creation

2015 - 348: Format of Notated Music

655 - *Is-ness*

Field created before the Calhoun report, it becomes a place for the \$v Form Subdivision to be moved

- Terms come from Designated Thesauri (e,g, LCGFT - Library of Congress Genre/Form Thesaurus)
- Removes ambiguous/confusing terms for LCSH
- Some catalogers use this field for “has-ness”; when the resource has certain types of data
 - 6 page Chronology in a 300 page book
 - 650;_0; \$a Peru \$x Civilization \$v Chronology
[Peruvian textiles: examples of the pre-Incaic period; with a chronology of early Peruvian cultures]
 - Statistical tables that make up only 10% of report
 - Note: this is an inappropriate use of the field if not chiefly statistics; Manifestation characteristics should be recorded elsewhere, unless part of “faceted” Genre strings (1st indicator 0) in subfields \$b
655:07; \$c d \$b Black \$c f \$b Hmong \$c m \$b cotton \$c t \$a balls. \$2 aat

Intended to be displayed as: **Black Hmong cotton balls.**

655 Continued ...

- LCGFT terms provide more granularity

650;_0; \$a ... \$v Periodicals

655;_7; \$a Newsletters. \$2 lcgft

- Terms may not be an exact match to the \$v Form Subdivision

650;_0; \$a ... \$v Handbooks, manuals, etc.

655;_7; \$a Handbooks and manuals. \$2 lcgft

655 Continued ... Primo Display

- 655 LCGFT has been mapped for a Facet Option in Primo

Genre/Form ^

Poetry (2,041)

Internet videos (417)

Educational films (300)

Literature (189)

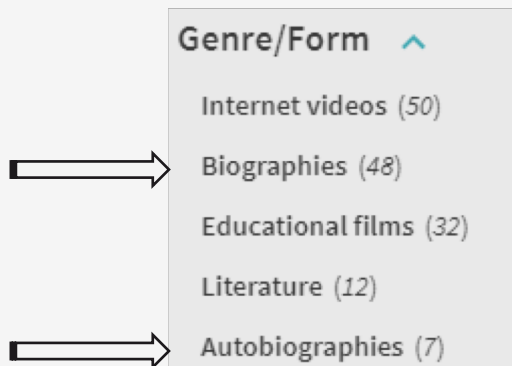
Bibliographies (144)

[Show More](#)

008/34 and \$v Biography

Fixed field data **Biog**: a, b, or c

and **\$v Biographies** is being replaced by 655 lcgft used as a limiting facet and broken out similar to the Fixed Field



655;_7; \$a Biographies. \$2 lcgft

655;_7; \$a Autobiographies. \$2 lcgft

Place (new RDA Name for Old School Geographic)

651;_0; \$a Macon (Ga.) \$v Fiction.

Many fictional titles are not about a place they are set in. Field 370 addresses this using the \$i and \$4 relationships subfields together

370;__; \$i Setting: \$f Macon (Ga.) \$2 naf \$4 stg

370;__; \$i Setting: \$f Georgia \$2 naf \$4 stg

655;_7; \$a Fantasy fiction. \$2 lcgft

655;_7; \$a Fiction. \$2 lcgft

655;_7; \$a Novels. \$2 lcgft

370 - *Associated Place*

Allows for a “controlled” term to be recorded

- Origins of Works and Expression
- Characteristics of Works and Expressions

Diachronic Work that began publication in 1969

370;__; \$c United States \$g Saint Paul (Minn) \$2 naf \$\$ 1969 \$t 1970

370;__; \$c England \$g London (England) \$2 naf \$\$ 1970 \$t 1973

370;__; \$i Recorded: \$g Salt Lake City (Utah) \$2 naf \$\$ 1993

382 - *Medium of Performance*

Traditional use of 650 fields for music does not make a distinction about the isness and aboutness of these works

Field 382 provides the vehicle to show the granularity of performing voices

650;_0; \$a Violin and piano music \$v Scores and parts.

382;01; \$a violin \$n 1 \$a piano \$n 1 \$s 2 \$2 lcmt

655;_7; \$a Parts (Music) \$2 lcgft

655;_7; \$a Scores. \$2 lcgft

Note: No 650 in the future

388 - *Time Period of Creation (Timespan)*

Allows catalogs to make distinctions between when a work or expression was created versus published

Title: Conflict and tension in the Far East : Key Documents, 1894-1960; published in 1961

An Aggregate Work [Collection Aggregate]

046;__; \$o 1894 \$p 1960 [beginning and ending date of aggregate content]

388;1_; \$a Nineteenth century \$2 lcsh

388;1_; \$a Twentieth century \$2 lcsh

388;2_; \$a Twentieth century \$2 lcsh [creation of aggregate work]



386 - *Creator Demographics*

This field is intended to provide creator characters during the time of the creation of works and expressions

For example. Wolfgang Amadeus Mozart wrote his first symphony at age 8

386;__; \$m Age group: \$n age \$a Children \$2 lcdgt

Example: Women and geology [an collection of essays written by American women in the field of geology]

386;__; ‡m Gender group: ‡n gdr ‡a Women ‡2 lcdgt

386;__; ‡m Nationality/regional group: ‡n nat ‡a Americans ‡2 lcdgt

386;__; ‡m Occupational/field of activity group: ‡n occ ‡a Geologists ‡2 lcdgt

386 Creator Contributor Characteristics, Cont.

1. Designations used will typically come from the source
 - a. Catalogers should not look for information - use what is given
 - b. "Self Identification" [but trust the publisher is honoring this]

JOHN ZUBRZYCKI has worked in
India as a diplomat, consultant, tour guide,
and correspondent for *The Australian*. His

- a. Most information comes from the Dust Jacket or other internal biographical statements in the manifestation
 - b. Use outside sources for clarification (e.g., what is a *Research Fellow* in Belgium)
 - c. Possible Exception: Long dead people; use historical data that is readily available (e.g., Chronology in Library of America volumes, encyclopedias, etc.)
-

385 - Audience Characteristics

Example: *Women and geology: who we are, where have we come from, and where are we going*

[an collection of essays written by American women in the field of geology for women in the geology field]

385;__; #m Gender group: #n gdr #a Women #2 lcdgt

385;__; #m Occupational/field of activity group: #n occ #a Geologists #2 lcdgt

386;__; #m Gender group: #n gdr #a Women #2 lcdgt

386;__; #m Nationality/regional group: #n nat #a Americans #2 lcdgt

386;__; #m Occupational/field of activity group: #n occ #a Geologists #2 lcdgt



In Primo

Facet for selection

Audience ^

Children (9)

Geologists (7)

Women (1)

Primarily for grades 5-6 (1)

Description note (displaying only \$m and \$a)

Audience

Gender group: Women >

Occupational/field of activity group: Geologists >

More Primo ...

Audience

[Middle School >](#)

[560 Lexile >](#)

[Educational level group: Fifth grade students >](#)

[Educational level group: Middle school students >](#)

[Age level group: Preteens >](#)

Note: The addition of a broad facet, Middle school students, allows search results to display only those grades included in middle school

American poetry--Virginia--20th century--Women authors--Periodicals
[Subject--Place--Timespan--Creator Characteristics--Genre]

370;__; \$g Richmond (Va.) \$2 naf

386;__; \$m Gender group: \$n gdr \$a Women \$2 lcdgt

386;__; \$m Nationality/regional group: \$n nat \$a Virginians \$2 lcdgt

386;__; \$m Nationality/regional group: \$n nat \$a Americans \$2 lcdgt

388;1_; \$a Twentieth century. \$2 lcsh

388;2_; \$a Twenty-first century. \$2 lcsh [began publication in 2017]

655;_7; \$a Poetry. \$2 lcgft

655;_7; \$a Periodicals. \$2 lcgft

Note: no 650s

Registries (<http://id.loc.gov/>)

Taking free-text or coded data [Unstructured descriptive or fixed field data] and codifying it for sorting and faceting

- 3XX Fields are the primary vehicle for coding this data
 - Registries are external components of RDA
 - “Cataloging” Registries have a unique \$2 identifier
 - Each identifier is composed of 5 characters, always prefaced by rda (i.e, rda??)
 - Major new RDA change repeats the field for each registry - no longer recorded in a single field
 - Provides a semantic form or standard abbreviation that can be part of a facet or other limiting function in addition to keyword searching
 - OCLC provides links to the registry you need to use per subfield
 - Each Registry comes with a URI to be used for BIBFRAME and Linked Data
-

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Subjects, Thesauri, Classification

- › [LC Subject Headings \(LCSH\)](#)
- › [LC Classification \(LCC\)](#)
- › [LC Children's Subject Headings](#)
- › [LC Medium of Performance Thesaurus for Music \(LCMPT\)](#)
- › [Thesaurus for Graphic Materials \(TGM\)](#)
- › [AFS Ethnographic Thesaurus](#)
- › [Subject Schemes](#)
- › [Classification Schemes](#)

Agents

- › [LC Name Authority File \(LCNAF\)](#)
- › [Cultural Heritage Organizations](#)

Ontologies

- › [BIBFRAME Ontology](#)
- › [MADS/RDF Ontology](#)
- › [PREMIS Ontology](#)

Genre

- › [LC Genre/Form Terms \(LCGFT\)](#)
- › [MARC Genre Terms](#)
- › [Genre/Form Schemes](#)

Geographic

- › [MARC Countries](#)
- › [MARC Geographic Areas \(GAC\)](#)

Data Types

- › [Extended Date/Time Format \(EDTF\)](#)

Cataloging

- › [Aspect Ratio](#)
- › [Authentication Action](#)
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- › [Identifier Status](#)
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- › [Intended Audience](#)
- › [Issuance](#)
- › [Layout](#)
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Other

- › [Resource Types Scheme](#)
- › [Standard Identifier Schemes](#)

Languages

- › [MARC Languages](#)
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- › [ISO639-2 Languages](#)
- › [ISO639-5 Languages](#)

Preservation Vocabularies

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Font Size (340 \$n)

Three terms provided: giant print, large print, jumbo braille

Old way: 300;__; \$a 651 pages (large print)
 650;_0; \$a Large type books.

New way: 300;__; \$a 651 pages ; \$c 23 cm
 340;__; \$n large print \$2 rdafs
 340;__; \$n 36 point



Physical Description	651 pages (large print) ; 23 cm.; large print..
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Note: Due to systems not being able to utilize the 340, the qualifier will remain

340 continues

More examples

340;__;\$d handwritten [manuscripts, such as letters, drafts, etc.] [no registry]

340;__\$d burning \$2 rdapm [CDs or DVDs burned not stamped]

340;__\$f 33 1/3 rpm [LP revolutions per minute previously recorded in 300 \$b) [no registry]

340;__\$k double sided \$2 rdalay [e.g., maps printed on both sides]

340;__\$o positive \$2 rdapo [e.g., polarity of microfilm or microfiche]

340;__\$b 4 3/4 in. [also found in the 300 \$c] [no registry]

- caveat Primo displays both; OLAC says the field is optional

Sound Characteristics (344)

Technical specifications relating to the encoding of recorded sound on audio and visual resources

300;__; \$a 1 audio disc ; \$c 4 3/4 in.

344;__; \$a digital \$2 rdatr

344;__; \$g stereo \$2 rdacpc

300;__; \$a 1 videodisc : \$b sound, color ; \$c 4 3/4 in.

344;__; \$a digital \$2 rdatr

344;__; \$a optical \$2 rdarm

344;__; \$g surround \$2 rdacpc

Video Characteristics (346)

Technical specifications relating to the encoding of video images (originally in the 538 or 500 note fields)

346;__;\$a VHS \$2 rdavf [video format]

346;__ \$b PAL \$2 rdabs [Broadcast Standard]

346;__;\$b NTSC \$2 rdabs

Digital File Characteristics (347)

Specification on the digital encoding of text, image, audio, video, etc.

- Contains some Unstructured data (aka – no registry); usually recorded in groups

347;__; \$a audio file \$2 rdaft

347; \$b CD audio [no registry]

347;__; \$a text file \$2 rdaft

347;__; \$b PDF [no registry]

347;__; video file \$2 rdaft

347;__; \$b DVD video [no registry]

347;__; \$e region 4 \$2 rdare

Format of Music (348)

Taken from FMus in the fixed field, this semantic version adds granularity to the 655 field

348;__; \$a piano conductor part \$2 rdafnm

348;__; \$a part \$2 rdafnm

655;_7; \$a Parts (Music) \$2 lcgft

348;__; \$a condensed score \$2 rdafnm

348;__; \$a part \$2 rdafnm

655;_7; \$a Scores \$2 lcgft

655;_7; \$a Parts (Music) \$2 lcgft

Leftovers ... Fixed Field Data

Genre

- > [LC Genre/Form Terms \(LCGFT\)](#)
- > [MARC Genre Terms](#)
- > [Genre/Form Schemes](#)



BIBFRAME uses *MARC Genre terms* (marcgt) and takes fixed field codes and transforms them into a semantic terms with registry identifier – note that this will resolve the problem of 008 bytes in different formats conflicting

MARC21 Cont: Nature of Contents:

Cont	e	s		
------	---	---	--	--

 le "s" for statistics

```
<bf:genreForm>
  <bf:GenreForm rdf:about="http://id.loc.gov/vocabulary/marcgt/sta">
    <rdfs:label>statistics</rdfs:label>
  </bf:GenreForm>
</bf:genreForm>
```

Defined as: Collection of statistical data on a subject

Guidance

- [...] Best Practices have been updated to reflect changes (e.g., OLAC, MLA)
 - DVD and Blu-Ray Discs
 - Streaming Media
 - Video Games
- OCLC's Bibliographic Formats and Standards continues to be updated
 - Note: LC's MARC21 currently does not provide linkages to the Registries; OCLC BF&S does

Subfields

#a Video format A standard, etc., used to encode the analog video content of a resource. For a list of RDA-controlled terms, see [RDA Video Format](#).

346 VHS #2 rdavf

346 U-matic #2 rdavf

Work to be done

- Old and current cataloging data needs to be updated to reflect changes
 - Functionality of data needs to be exposed to users
 - New Facets combining old and new data fields
 - Advanced Search Selections
 - Public Service Folks need training on what is happening in the new system
 - Tech Services - Collaborating with Reference Services to document getting the most out of Primo through faceting
 - Best Practices Guidelines need to be developed
-