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

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

Anywhere Users are Looking for information (e.g., IMDB, Amazon, Goodreads, LibraryThing, Google Scholar, Archives, Museums, )
Library Bards: Gandalf! (2014)

Details
Country: USA
Language: English
Release Date: 16 December 2014 (USA)

Box Office
Budget: $200 (estimated)

Company Credits

Technical Specs
Runtime: 6 min
Color: Color

Did You Know?
Connections
Spoofs The Hobbit: The Battle of the Five Armies (2014)
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;_.o; $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 a 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
008/34 and $v Biography

Fixed field data Biog: a, b, or c

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

<table>
<thead>
<tr>
<th>Genre/Form</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Internet videos</td>
<td>50</td>
</tr>
<tr>
<td>Biographies</td>
<td>48</td>
</tr>
<tr>
<td>Educational films</td>
<td>32</td>
</tr>
<tr>
<td>Literature</td>
<td>12</td>
</tr>
<tr>
<td>Autobiographies</td>
<td>7</td>
</tr>
</tbody>
</table>

655;_7; $a Biographies. $2 lcgt

655;_7; $a Autobiographies. $2 lcgt
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 $s 1969 $t 1970
370;__; $c England $g London (England) $2 naf $s 1970 $t 1973

370;__; $i Recorded: $g Salt Lake City (Utah) $2 naf $s 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 lcmpt
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]
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 lcmdt

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 lcmdt
386;__; $m Nationality/regional group: $n nat $a Americans $2 lcmdt
386;__; $m Occupational/field of activity group: $n occ $a Geologists $2 lcmdt
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)

<table>
<thead>
<tr>
<th>Audience</th>
<th>Gender group: Women</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Occupational/field of activity group: Geologists</td>
</tr>
<tr>
<td>Audience</td>
<td>Middle School ▷</td>
</tr>
<tr>
<td>----------------------------------</td>
<td>----------------</td>
</tr>
<tr>
<td></td>
<td>560 Lexile ▷</td>
</tr>
<tr>
<td>Educational level group: Fifth grade students ▷</td>
<td></td>
</tr>
<tr>
<td>Educational level group: Middle school students ▷</td>
<td></td>
</tr>
<tr>
<td>Age level group: Preteens ▷</td>
<td></td>
</tr>
</tbody>
</table>

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
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
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..

Note: Due to systems not being able to utilize the 340, the qualifier will remain
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
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:  

define “s” for statistics

```xml
<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 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