Implementing FAST at the University of North Texas Libraries

Adam Baron, M.L.I.S.
Jason Thomale, M.L.I.S.
Cataloging

- Motivation to use FAST
- Converting LCSH to FAST
  - Challenges
  - Analysis

User Experience and Discovery

- Implications for discovery
  - Indexing
  - Facet values
  - Record display
- Final thoughts
UNT Libraries

- Students: 32,392 FTE (Fall 2020)

- Collection size (FY2020): 3,912,011 items
  - 2,393,012 physical items
    - 2,123,159 print books
    - 46,742 print journals
    - 223,111 physical media
  - 1,518,999 electronic items
    - 1,151,032 electronic books
    - 189,202 electronic journals
    - 518 databases
    - 178,247 electronic media
Cataloging Workgroup

Mission

The Cataloging Workgroup will develop and implement consistent and uniform cataloging policies and practices across the UNT Libraries. This workgroup will discuss and resolve issues concerning MARC records in Sierra, OCLC cataloging systems and services, cataloging standards such as RDA: Resource Description and Access, as well as linked data and BIBFRAME.

Membership

Cataloging and Metadata Services – 1
Collection Development – 1
Government Documents – 1
Media Library – 1
Music Library – 1
Special Collections – 1
Cataloging Coordinator
Coordinating Discovery Systems Librarian
Resource Discovery Systems Librarian
Projects in Progress in 2018

Automated Authority Control

Faceted Catalog

UNT Libraries Search

Narrow your search

Availability

Format

Language

Publication Date

Author or Contributor

1. Famous introductions to Shakespeare's plays by the notable editors of the eighteenth century
   Title: Famous introductions to Shakespeare's plays by the notable editors of the eighteenth century
   Author/Creator: Warner, Beverley E. (Beverley Ellison), 1855-1919
   Languages: English
   Publisher: B. Franklin
   Publication Date: 1968
   Call number: PR2668 .W3 1968

2. Radio plays from Shakespeare; ten plays by William Shakespeare adapted for royalty-free performance
   Title: Radio plays from Shakespeare; ten plays by William Shakespeare adapted for royalty-free performance
   Author/Creator: Shakespeare, William, 1564-1616
   Contributors: Olsson, Lewy
   Languages: English
   Publisher: Plays, Inc.
   Publication Date: 1958
   Call number: PR2759 .O4

Search

Start Over

Sort by relevance

10 per page
What is FAST?

- Fully enumerative faceted subject heading schema (i.e., authority records for all headings)
- Derived from Library of Congress Subject Headings (LCSH)

Benefits of FAST

- Simple to learn and apply
- Developed for friendly faceted-navigation
- LC subject headings can be converted to FAST headings
- Used to enrich WorldCat bibliographic records
LCSH vs. FAST: Duplication

650 #0 $a Beauty, Personal.
650 #0 $a Self-perception.
655 #7 $a Internet videos. $2 lcgft
655 #7 $a Documentary films. $2 lcgft

650 #7 $a Beauty, Personal. $2 fast $0 (OCoLC)fst00829396
650 #7 $a Self-perception. $2 fast $0 (OCoLC)fst01111797
655 #7 $a Internet videos. $2 fast $0 (OCoLC)fst01750214
655 #7 $a Documentary films. $2 fast $0 (OCoLC)fst01710390
LCSH vs. FAST: Duplication

650 #0 $a Budget $z United States $v Periodicals.

650 #7 $a Budget. $2 fast $0 (OCoLC)fst00840336
651 #7 $a United States. $2 fast $0 (OCoLC)fst01204155
655 #7 $a Periodicals. $2 fast $0 (OCoLC)fst01411641
# Theoretical Mapping to Facets

<table>
<thead>
<tr>
<th>Facet</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Chronological</strong></td>
<td>648 $a &lt;br&gt; 6XX $y</td>
</tr>
<tr>
<td><strong>Genre/Form</strong></td>
<td>655 $a &lt;br&gt; 6XX $v</td>
</tr>
<tr>
<td><strong>Geographic</strong></td>
<td>651 $a &lt;br&gt; 6XX $z</td>
</tr>
<tr>
<td><strong>Topical</strong></td>
<td>650 $a &lt;br&gt; 6XX $x</td>
</tr>
</tbody>
</table>

- 650 #0 $a Budget $z United States $v Periodicals.
- 650 #7 $a Budget. $2 fast $0 (OCoLC)fst00840336
- 651 #7 $a United States. $2 fast $0 (OCoLC)fst01204155
- 655 #7 $a Periodicals. $2 fast $0 (OCoLC)fst01411641

- **Genre/Form**<br>Periodicals

- **Geographic**<br>United States

- **Topical**<br>Budget
LCSH vs. FAST: Chronological Differences

651 #0 $a Ghana $x History $y Coup d'état, 1981.

611 27 $a Coup d'état (Ghana : 1981) $2 fast $0 (OCoLC)fst01352585
648 #7 $a 1981 $2 fast
651 #7 $a Ghana $2 fast $0 (OCoLC)fst01208741
655 #7 $a History $2 fast $0 (OCoLC)fst01411628
LCSH vs. FAST: Chronological Differences

651 #0 $a Lebanon $x History $y Civil War, 1975-1990.

611 27 $a Civil War (Lebanon : 1975-1990) $2 fast $0 (OCoLC)fst01352309
648 #7 $a 1975-1990 $2 fast
651 #7 $a Lebanon $2 fast $0 (OCoLC)fst01206063
655 #7 $a History $2 fast $0 (OCoLC)fst01411628
LCSH vs. FAST: Chronological Differences

651 #0 $a Great Britain $x History $y George V, 1910-1936.

648 #7 $a 1910-1936 $2 fast
651 #7 $a Great Britain $2 fast $0 (OCoLC)fst01204623
655 #7 $a History $2 fast $0 (OCoLC)fst01411628
LCSH vs. FAST: Geographic Differences

650 #0 $a Female friendship $z California $z Los Angeles $v Drama.
650 #0 $a African American women $z California $z Los Angeles $v Drama.
651 #0 $a Los Angeles (Calif.) $x Social conditions $v Drama.

650 #7 $a Female friendship. $2 fast $0 (OCoLC)fst00922609
650 #7 $a African American women. $2 fast $0 (OCoLC)fst00799438
650 #7 $a Social conditions. $2 fast $0 (OCoLC)fst01919811
651 #7 $a California $z Los Angeles. $2 fast $0 (OCoLC)fst01204540
655 #7 $a Drama. $2 fast $0 (OCoLC)fst01423879
## LCSH vs. FAST: Facet Values

<table>
<thead>
<tr>
<th>LCSH</th>
<th>FAST</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Chronological</strong></td>
<td><strong>Chronological</strong></td>
</tr>
<tr>
<td>Civil War, 1975-1990</td>
<td>1910-1936</td>
</tr>
<tr>
<td>Coup d'état, 1981</td>
<td>1975-1990</td>
</tr>
<tr>
<td>George V, 1910-1936</td>
<td>1981</td>
</tr>
<tr>
<td><strong>Genre/Form</strong></td>
<td><strong>Genre/Form</strong></td>
</tr>
<tr>
<td>Drama</td>
<td>Drama</td>
</tr>
<tr>
<td>History</td>
<td>History</td>
</tr>
<tr>
<td><strong>Geographic</strong></td>
<td><strong>Geographic</strong></td>
</tr>
<tr>
<td>California -- Los Angeles</td>
<td>California -- Los Angeles</td>
</tr>
<tr>
<td>Ghana</td>
<td>Ghana</td>
</tr>
<tr>
<td>Great Britain</td>
<td>Great Britain</td>
</tr>
<tr>
<td>Lebanon</td>
<td>Lebanon</td>
</tr>
<tr>
<td>Los Angeles (Calif.)</td>
<td></td>
</tr>
<tr>
<td><strong>Topical</strong></td>
<td><strong>Topical</strong></td>
</tr>
<tr>
<td>African American women</td>
<td>African American women</td>
</tr>
<tr>
<td>Female friendship</td>
<td>Female friendship</td>
</tr>
<tr>
<td>History</td>
<td>History</td>
</tr>
<tr>
<td>Social conditions</td>
<td>Social conditions</td>
</tr>
<tr>
<td>Meeting/Event</td>
<td>Meeting/Event</td>
</tr>
</tbody>
</table>
The Cataloging Workgroup has agreed in principle to implement Faceted Application of Subject Terminology (FAST) as part of the automated authority control project.

### 6XX Subject Access Fields

#### Scope
MARC fields 600, 610, 611, 630, 647, 648, 650, and 651 in bibliographic records in Sierra.

#### Sources for Subject Terms
The University of North Texas Libraries uses subject terms from the following controlled vocabularies:

<table>
<thead>
<tr>
<th>2nd Ind</th>
<th>$2 code</th>
<th>Source Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Library of Congress subject headings</td>
<td>(Washington, DC: Library of Congress, Cataloging Distribution Service) [also available through Classification Web and OCLC Connexion]</td>
</tr>
<tr>
<td>7</td>
<td>lcgm</td>
<td>Thesaurus for graphic materials: TGM I, Subject terms</td>
</tr>
<tr>
<td>7</td>
<td>lv</td>
<td>Legislative indexing vocabulary (Washington, DC: Library of Congress, Congressional Research Service)</td>
</tr>
</tbody>
</table>

Additional controlled vocabularies may be used based on the needs of an individual library/department. Contact the chair of the Cataloging Workgroup if you are interested in using a subject term from a controlled vocabulary not listed above.

Note: The Cataloging Workgroup has agreed in principle to implement Faceted Application of Subject Terminology (FAST) as part of the automated authority control project.

Source: UNT Libraries’ Cataloging Manual
Before
650 #0 $a Women $z United States.
651 #0 $a United States $x Social life and customs $y To 1775.

After
650 #0 $a Women $z United States. $0 http://id.loc.gov/authorities/subjects/sh85147355
651 #0 $a United States $x Social life and customs $y To 1775.
    $0 http://id.loc.gov/authorities/subjects/sh85140528
648 #7 $a To 1775 $2 fast
650 #7 $a Manners and customs. $2 fast $0 (OCoLC)fst01007815
650 #7 $a Women. $2 fast $0 (OCoLC)fst01176568
651 #7 $a United States. $2 fast $0 (OCoLC)fst01204155
LCSH to FAST: OCLC vs. Backstage

OCLC

650 #0 $a Concrete bridges $x Design and construction $v Juvenile literature.
650 #0 $a Cement $v Juvenile literature.
650 #7 $a Concrete bridges $x Design and construction. $2 fast $0 (OCoLC)fst00850432
650 #7 $a Concrete bridges $x Design and construction. $2 fast $0 (OCoLC)fst01728119
650 #7 $a Cement. $2 fast $0 (OCoLC)fst00850432
655 #7 $a Juvenile works. $2 fast $0 (OCoLC)fst01411637

Backstage

650 #0 $a Concrete bridges $x Design and construction $v Juvenile literature.
650 #0 $a Cement $v Juvenile literature.
650 #7 $a Concrete bridges $x Design and construction. $2 fast $0 (OCoLC)fst00850432
650 #7 $a Concrete bridges. $2 fast $0 (OCoLC)fst01715656
655 #7 $a Juvenile works. $2 fast $0 (OCoLC)fst01411637
LCSH to FAST: OCLC vs. Backstage

OCLC

610 10 $a United States. $b Veterans Administration $x Officials and employees.
650 #0 $a Veterans' hospitals $x Security measures $z United States.
650 #0 $a Veterans' hospitals $x Employees $x Training of $z United States.
655 #7 $a Legislative hearings. $2 lcgft
610 17 $a United States. $b Veterans Administration. $2 fast $0 (OCoLC)fst00558176
650 #7 $a Employees. $2 fast $0 (OCoLC)fst00909111
650 #7 $a Veterans' hospitals $x Security measures. $2 fast $0 (OCoLC)fst01165841
651 #7 $a United States. $2 fast $0 (OCoLC)fst01204155
655 #7 $a Legislative hearings. $2 fast $0 (OCoLC)fst01910825

Backstage

610 10 $a United States. $b Veterans Administration $x Officials and employees.
650 #0 $a Veterans' hospitals $x Security measures $z United States.
650 #0 $a Veterans' hospitals $x Employees $x Training of $z United States.
655 #7 $a Legislative hearings. $2 lcgft
610 17 $a United States. $b Veterans Administration. $2 fast $0 (OCoLC)fst00558176
650 #7 $a Employees. $2 fast $0 (OCoLC)fst00909111
650 #7 $a Veterans' hospitals $x Security measures. $2 fast $0 (OCoLC)fst01165841
650 #7 $a Veterans' hospitals. $2 fast $0 (OCoLC)fst01165817
650 #7 $a Veterans' hospitals $x Employees. $2 fast $0 (OCoLC)fst01165828
651 #7 $a United States. $2 fast $0 (OCoLC)fst01204155
655 #7 $a Legislative hearings. $2 fast $0 (OCoLC)fst01910825
# LCSH to FAST: OCLC vs. Backstage

<table>
<thead>
<tr>
<th>LCSH</th>
<th>Backstage</th>
</tr>
</thead>
<tbody>
<tr>
<td>650 #0 $a Mexican Americans $v Fiction.</td>
<td>650 #0 $a Mexican Americans $v Fiction.</td>
</tr>
<tr>
<td>650 #7 $a Mexican Americans. $2 fast</td>
<td>$0 <a href="http://id.loc.gov/authorities/subjects/sh2008107217">http://id.loc.gov/authorities/subjects/sh2008107217</a></td>
</tr>
<tr>
<td></td>
<td>650 #7 $a Mexican Americans. $2 fast $0 (OCoLC)fst01019072</td>
</tr>
<tr>
<td>655 #7 $a Fiction. $2 fast</td>
<td>651 #7 $a United States. $2 fast $0 (OCoLC)fst01204155</td>
</tr>
<tr>
<td></td>
<td>655 #7 $a Fiction. $2 fast $0 (OCoLC)fst01423787</td>
</tr>
</tbody>
</table>
FAST Tools

FAST Converter: https://fast.oclc.org/lcsh2fast/

searchFAST: http://fast.oclc.org/searchfast/
Backstage Processing Issues: Biography

Before (Test File)

Example 1
650 #0 $a Country musicians $v Biography.
650 #7 $a Country musicians $x Biography. $2 fast
   $0 (OCoLC)fst00881443
650 #7 $a Country musicians. $2 fast
   $0 (OCoLC)fst00881442

Example 2
650 #0 $a Novelists, English $y 20th century
   $v Biography.
648 #7 $a 1900-1999 $2 fast
650 #7 $a Twentieth century. $2 fast
   $0 (OCoLC)fst01159810
650 #7 $a Biography. $2 fast $0 (OCoLC)fst00832149
650 #7 $a Novelists, English. $2 fast
   $0 (OCoLC)fst01039718

After

Example 1
650 #0 $a Country musicians $v Biography.
650 #7 $a Country musicians $x Biography. $2 fast
   $0 (OCoLC)fst00881442
655 #7 $a Biographies. $2 fast
   $0 (OCoLC)fst01919896

Example 2
650 #0 $a Novelists, English $y 20th century $v Biography.
648 #7 $a 1900-1999 $2 fast
650 #7 $a Twentieth century. $2 fast
   $0 (OCoLC)fst01159810
650 #7 $a Novelists, English. $2 fast
   $0 (OCoLC)fst01039718
655 #7 $a Biographies. $2 fast
   $0 (OCoLC)fst01919896
Backstage Processing Issues: Events

Before (Test File)

Example 1
651 #0 $a United States $x History $y Revolution, 1775-1783.
   $0 http://id.loc.gov/authorities/subjects/sh85140139
611 27 $a American Revolution (1775-1783) $2 fast
   $0 (OCoLC)fst01351668
648 #7 $a 1775-1783 $2 fast
651 #7 $a United States. $2 fast $0 (OCoLC)fst01204155
655 #7 $a History. $2 fast $0 (OCoLC)fst01411628

Example 2
650 #0 $a World War, 1939-1945 $v Correspondence.
611 27 $a World War (1939-1945) $2 fast
   $0 (OCoLC)fst01180924
648 #7 $a 1939-1945 $2 fast
651 #7 $a United States. $2 fast $0 (OCoLC)fst01204155
655 #7 $a History. $2 fast $0 (OCoLC)fst01411628

After

Example 1
651 #0 $a United States $x History $y Revolution, 1775-1783.
   $0 http://id.loc.gov/authorities/subjects/sh85140139
611 27 $a American Revolution $c (United States : $d 1775-1783) $2 fast
   $0 (OCoLC)fst01351668
647 #7 $a American Revolution $c (United States : $d 1775-1783) $2 fast
   $0 http://id.loc.gov/authorities/subjects/sh85140139
648 #7 $a 1775-1783 $2 fast
651 #7 $a United States. $2 fast $0 (OCoLC)fst01204155
655 #7 $a History. $2 fast $0 (OCoLC)fst01411628

Example 2
650 #0 $a World War, 1939-1945 $v Correspondence.
647 #7 $a World War $d (1939-1945) $2 fast
   $0 (OCoLC)fst01180924
648 #7 $a 1939-1945 $2 fast
655 #7 $a Correspondence. $2 fast $0 (OCoLC)fst02003288
### Backstage Processing Issues: Geographic Names

**Before (Test File)**

651 #0 $a Dallas (Tex.) $v Newspapers.  
651 #7 $a Texas $z Dallas Region. $2 fast  
$0 (OCoLC)fst01350640  
655 #7 $a Newspapers. $2 fast  
$0 (OCoLC)fst01423814

**Corresponding FAST authority record:**

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>001</td>
<td>fst01350640</td>
</tr>
<tr>
<td>151</td>
<td>$a Texas $z Dallas Region</td>
</tr>
<tr>
<td>751</td>
<td>$a Dallas Region (Tex.)</td>
</tr>
<tr>
<td>751</td>
<td>$a Dallas (Tex.) $0 (DLC)n 79023321 $w nnc</td>
</tr>
</tbody>
</table>

**After**

651 #0 $a Dallas (Tex.) $v Newspapers.  
651 #7 $a Texas $z Dallas. $2 fast  
$0 (OCoLC)fst01204635  
655 #7 $a Newspapers. $2 fast  
$0 (OCoLC)fst01423814

**Corresponding FAST authority record:**

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>001</td>
<td>fst01204635</td>
</tr>
<tr>
<td>151</td>
<td>$a Texas $z Dallas</td>
</tr>
<tr>
<td>751</td>
<td>$a Dallas (Tex.) $0 (DLC)n 79023321</td>
</tr>
</tbody>
</table>
Backstage Processing Issues: Geographic Names

Before (Test File)

650 #0 $a World War, 1939-1945 $z Ontario $z Toronto.
651 #0 $a Toronto (Ont.) $x Social conditions.
647 #7 $a World War $d (1939-1945) $2 fast $0 (OCoLC)fst01180924
648 #7 $a 1939-1945 $2 fast
650 #7 $a Social conditions. $2 fast $0 (OCoLC)fst01919811
651 #7 $a Ontario $z Toronto. $2 fast $0 (OCoLC)fst01205798
651 #7 $a Ontario. $2 fast $0 (OCoLC)fst01204832

After

650 #0 $a World War, 1939-1945 $z Ontario $z Toronto.
651 #0 $a Toronto (Ont.) $x Social conditions.
647 #7 $a World War $d (1939-1945) $2 fast $0 (OCoLC)fst01180924
648 #7 $a 1939-1945 $2 fast
650 #7 $a Social conditions. $2 fast $0 (OCoLC)fst01919811
651 #7 $a Ontario $z Toronto. $2 fast $0 (OCoLC)fst01205798
651 #7 $a Ontario. $2 fast $0 (OCoLC)fst01204832
## Statistics: Number of Bibliographic Records

<table>
<thead>
<tr>
<th></th>
<th>Number of Records</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sent to Backstage</td>
<td>3,305,753</td>
<td></td>
</tr>
<tr>
<td>FAST Added</td>
<td>3,006,450</td>
<td>90.9%</td>
</tr>
<tr>
<td>Without FAST</td>
<td>299,303</td>
<td>9.1%</td>
</tr>
<tr>
<td>Without 6XX</td>
<td>246,329</td>
<td>7.5%</td>
</tr>
<tr>
<td>With 6XX</td>
<td>52,974</td>
<td>1.6%</td>
</tr>
<tr>
<td>Category</td>
<td>Number of FAST Headings Added</td>
<td>Number of Unique FAST Headings Added</td>
</tr>
<tr>
<td>-----------------------</td>
<td>------------------------------</td>
<td>-------------------------------------</td>
</tr>
<tr>
<td>600 Personal Name</td>
<td>324,290</td>
<td>73,612</td>
</tr>
<tr>
<td>610 Corporate Name</td>
<td>495,910</td>
<td>29,896</td>
</tr>
<tr>
<td>611 Meeting Name</td>
<td>3,801</td>
<td>654</td>
</tr>
<tr>
<td>630 Uniform Title</td>
<td>84,540</td>
<td>9,700</td>
</tr>
<tr>
<td>647 Named Event</td>
<td>76,457</td>
<td>1,774</td>
</tr>
<tr>
<td>648 Chronological Term</td>
<td>375,653</td>
<td>5,341</td>
</tr>
<tr>
<td>650 Topical Term</td>
<td>6,687,719</td>
<td>175,485</td>
</tr>
<tr>
<td>651 Geographic Name</td>
<td>1,678,565</td>
<td>26,004</td>
</tr>
<tr>
<td>655 Genre/Form</td>
<td>1,721,044</td>
<td>1,623</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>11,447,979</strong></td>
<td><strong>324,089</strong></td>
</tr>
</tbody>
</table>
## FAST Top 10: 600 Personal Name

<table>
<thead>
<tr>
<th>Rank</th>
<th>Name</th>
<th>Birth-Death</th>
<th>FAST ID</th>
<th>Popularity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Shakespeare, William</td>
<td>$d 1564-1616</td>
<td>(OCoLC)fst00029048</td>
<td>4,936</td>
</tr>
<tr>
<td>2</td>
<td>Jesus Christ</td>
<td>$2 fast $0</td>
<td>(OCoLC)fst00040116</td>
<td>4,204</td>
</tr>
<tr>
<td>3</td>
<td>Charles I, King of England, $d 1600-1649</td>
<td>$2 fast $0</td>
<td>(OCoLC)fst00045745</td>
<td>2,315</td>
</tr>
<tr>
<td>4</td>
<td>Washington, George</td>
<td>$d 1732-1799</td>
<td>(OCoLC)fst00178100</td>
<td>1,269</td>
</tr>
<tr>
<td>5</td>
<td>Charles II, King of England, $d 1630-1685</td>
<td>$2 fast $0</td>
<td>(OCoLC)fst00038678</td>
<td>1,163</td>
</tr>
<tr>
<td>6</td>
<td>Mary, Blessed Virgin, Saint</td>
<td>$2 fast $0</td>
<td>(OCoLC)fst00068107</td>
<td>898</td>
</tr>
<tr>
<td>7</td>
<td>Milton, John</td>
<td>$d 1608-1674</td>
<td>(OCoLC)fst00029106</td>
<td>844</td>
</tr>
<tr>
<td>8</td>
<td>Lincoln, Abraham</td>
<td>$d 1809-1865</td>
<td>(OCoLC)fst00030184</td>
<td>834</td>
</tr>
<tr>
<td>9</td>
<td>Henry.</td>
<td>$2 fast $0</td>
<td>(OCoLC)fst01484440</td>
<td>820</td>
</tr>
<tr>
<td>10</td>
<td>Goethe, Johann Wolfgang von</td>
<td>$d 1749-1832</td>
<td>(OCoLC)fst00029788</td>
<td>769</td>
</tr>
</tbody>
</table>
### FAST Top 10: 610 Corporate Name

<table>
<thead>
<tr>
<th></th>
<th>Corporate Name</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>United States. $b Congress. $2 fast $0 (OCoLC)fst00529490</td>
<td>163,427</td>
</tr>
<tr>
<td>2</td>
<td>Church of England. $2 fast $0 (OCoLC)fst00532932</td>
<td>12,021</td>
</tr>
<tr>
<td>3</td>
<td>United States. $b Army. $2 fast $0 (OCoLC)fst00533532</td>
<td>9,519</td>
</tr>
<tr>
<td>4</td>
<td>United States. $b Department of Defense. $2 fast $0 (OCoLC)fst01852447</td>
<td>8,031</td>
</tr>
<tr>
<td>5</td>
<td>Catholic Church. $2 fast $0 (OCoLC)fst00531720</td>
<td>7,882</td>
</tr>
<tr>
<td>6</td>
<td>United States. $b Congress. $b House. $2 fast $0 (OCoLC)fst00536930</td>
<td>5,787</td>
</tr>
<tr>
<td>7</td>
<td>United States. $b Department of the Interior. $2 fast $0 (OCoLC)fst01853028</td>
<td>4,540</td>
</tr>
<tr>
<td>8</td>
<td>United States. $b Department of the Treasury. $2 fast $0 (OCoLC)fst01853090</td>
<td>3,950</td>
</tr>
<tr>
<td>9</td>
<td>United States. $b Navy. $2 fast $0 (OCoLC)fst00533204</td>
<td>3,629</td>
</tr>
<tr>
<td>10</td>
<td>United States. $b Environmental Protection Agency. $2 fast $0 (OCoLC)fst00534882</td>
<td>3,619</td>
</tr>
</tbody>
</table>
**FAST Top 10: 611 Meeting Name**

<table>
<thead>
<tr>
<th>Rank</th>
<th>Event Description</th>
<th>Fast $0 (OCoLC)fst01405689</th>
<th>Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Westminster Assembly</td>
<td>236</td>
<td></td>
</tr>
<tr>
<td>2.</td>
<td>Lewis and Clark Expedition</td>
<td>178</td>
<td></td>
</tr>
<tr>
<td>3.</td>
<td>Olympic Games</td>
<td>134</td>
<td></td>
</tr>
<tr>
<td>4.</td>
<td>Expo (International Exhibitions Bureau)</td>
<td>97</td>
<td></td>
</tr>
<tr>
<td>5.</td>
<td>Century of Progress International Exposition</td>
<td>94</td>
<td></td>
</tr>
<tr>
<td>7.</td>
<td>World's Columbian Exposition</td>
<td>79</td>
<td></td>
</tr>
<tr>
<td>8.</td>
<td>New York World's Fair</td>
<td>76</td>
<td></td>
</tr>
<tr>
<td>9.</td>
<td>Constitutional Convention (United States : 1787)</td>
<td>74</td>
<td></td>
</tr>
<tr>
<td>10.</td>
<td>Louisiana Purchase Exposition</td>
<td>70</td>
<td></td>
</tr>
</tbody>
</table>
# FAST Top 10: 630 Uniform Title

<table>
<thead>
<tr>
<th>Rank</th>
<th>Subject</th>
<th>Code</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Bible. $2 fast $0 (OCoLC)fst01356024</td>
<td></td>
<td>24,634</td>
</tr>
<tr>
<td>2</td>
<td>Bible. $p Psalms. $2 fast $0 (OCoLC)fst01808097</td>
<td></td>
<td>2,037</td>
</tr>
<tr>
<td>3</td>
<td>Armed Forces (United States) $2 fast $0 (OCoLC)fst01359266</td>
<td></td>
<td>1,507</td>
</tr>
<tr>
<td>4</td>
<td>Bible. $p New Testament. $2 fast $0 (OCoLC)fst01808090</td>
<td></td>
<td>1,107</td>
</tr>
<tr>
<td>5</td>
<td>Bible. $p Old Testament. $2 fast $0 (OCoLC)fst01808092</td>
<td></td>
<td>1,052</td>
</tr>
<tr>
<td>6</td>
<td>Constitution (United States) $2 fast $0 (OCoLC)fst01356075</td>
<td></td>
<td>1,002</td>
</tr>
<tr>
<td>7</td>
<td>Bible. $p Gospels. $2 fast $0 (OCoLC)fst01808065</td>
<td></td>
<td>565</td>
</tr>
<tr>
<td>8</td>
<td>American Recovery and Reinvestment Act of 2009 (United States) $2 fast $0 (OCoLC)fst01911505</td>
<td></td>
<td>536</td>
</tr>
<tr>
<td>9</td>
<td>Census (United States) $2 fast $0 (OCoLC)fst01363948</td>
<td></td>
<td>515</td>
</tr>
<tr>
<td>10</td>
<td>Patient Protection and Affordable Care Act (United States) $2 fast $0 (OCoLC)fst01916081</td>
<td></td>
<td>511</td>
</tr>
</tbody>
</table>
## FAST Top 10: 647 Named Event

<table>
<thead>
<tr>
<th>Rank</th>
<th>Event Description</th>
<th>ID</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>World War $d (1939-1945)</td>
<td>fast $0 (OCoLC)fst01180924</td>
<td>10,396</td>
</tr>
<tr>
<td>2.</td>
<td>American Civil War $c (United States : $d 1861-1865)</td>
<td>$2 fast $0 (OCoLC)fst01351658</td>
<td>7,898</td>
</tr>
<tr>
<td>3.</td>
<td>English Civil War $c (Great Britain : $d 1642-1649)</td>
<td>$2 fast $0 (OCoLC)fst01352303</td>
<td>6,317</td>
</tr>
<tr>
<td>4.</td>
<td>American Revolution $c (United States : $d 1775-1783)</td>
<td>$2 fast $0 (OCoLC)fst01351668</td>
<td>5,614</td>
</tr>
<tr>
<td>5.</td>
<td>World War $d (1914-1918)</td>
<td>$2 fast $0 (OCoLC)fst01180746</td>
<td>3,927</td>
</tr>
<tr>
<td>6.</td>
<td>Vietnam War $d (1961-1975)</td>
<td>$2 fast $0 (OCoLC)fst01431664</td>
<td>1,940</td>
</tr>
<tr>
<td>7.</td>
<td>Revolution $c (France : $d 1789-1799)</td>
<td>$2 fast $0 (OCoLC)fst01354514</td>
<td>1,809</td>
</tr>
<tr>
<td>8.</td>
<td>Jewish Holocaust $d (1939-1945)</td>
<td>$2 fast $0 (OCoLC)fst00958866</td>
<td>1,755</td>
</tr>
<tr>
<td>9.</td>
<td>Iraq War $d (2003-2011)</td>
<td>$2 fast $0 (OCoLC)fst01802311</td>
<td>1,525</td>
</tr>
<tr>
<td>10.</td>
<td>War of 1812 $c (United States : $d 1812-1815)</td>
<td>$2 fast $0 (OCoLC)fst01199067</td>
<td>1,480</td>
</tr>
</tbody>
</table>
## FAST Top 10: 648 Chronological Term

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>1900-1999 $2 fast</td>
<td></td>
<td>44,871</td>
</tr>
<tr>
<td>2.</td>
<td>1700-1799 $2 fast</td>
<td></td>
<td>28,623</td>
</tr>
<tr>
<td>3.</td>
<td>1600-1699 $2 fast</td>
<td></td>
<td>18,830</td>
</tr>
<tr>
<td>4.</td>
<td>1800-1899 $2 fast</td>
<td></td>
<td>15,709</td>
</tr>
<tr>
<td>5.</td>
<td>1991-2000 $2 fast</td>
<td></td>
<td>14,734</td>
</tr>
<tr>
<td>6.</td>
<td>2001-2010 $2 fast</td>
<td></td>
<td>10,711</td>
</tr>
<tr>
<td>7.</td>
<td>1939-1945 $2 fast</td>
<td></td>
<td>8,910</td>
</tr>
<tr>
<td>8.</td>
<td>1861-1865 $2 fast</td>
<td></td>
<td>7,427</td>
</tr>
<tr>
<td>9.</td>
<td>1981-1990 $2 fast</td>
<td></td>
<td>6,860</td>
</tr>
<tr>
<td>10.</td>
<td>1951-1960 $2 fast</td>
<td></td>
<td>6,098</td>
</tr>
</tbody>
</table>
## FAST Top 10: 650 Topical Term

<table>
<thead>
<tr>
<th>Rank</th>
<th>Topical Term</th>
<th>Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Claims. $2 fast $0 (OCoLC)fst00863204</td>
<td>148,685</td>
</tr>
<tr>
<td>2.</td>
<td>Bills, Private. $2 fast $0 (OCoLC)fst00831840</td>
<td>139,956</td>
</tr>
<tr>
<td>3.</td>
<td>Politics and government. $2 fast $0 (OCoLC)fst01919741</td>
<td>57,968</td>
</tr>
<tr>
<td>4.</td>
<td>Jazz. $2 fast $0 (OCoLC)fst00982165</td>
<td>49,044</td>
</tr>
<tr>
<td>5.</td>
<td>Popular music. $2 fast $0 (OCoLC)fst01071422</td>
<td>38,476</td>
</tr>
<tr>
<td>6.</td>
<td>Operas. $2 fast $0 (OCoLC)fst01046191</td>
<td>32,429</td>
</tr>
<tr>
<td>7.</td>
<td>Piano music. $2 fast $0 (OCoLC)fst01063403</td>
<td>27,023</td>
</tr>
<tr>
<td>8.</td>
<td>Armed Forces $x Appropriations and expenditures. $2 fast $0 (OCoLC)fst00814587</td>
<td>22,668</td>
</tr>
<tr>
<td>9.</td>
<td>Diplomatic relations. $2 fast $0 (OCoLC)fst01907412</td>
<td>22,311</td>
</tr>
<tr>
<td>10.</td>
<td>Music. $2 fast $0 (OCoLC)fst01030269</td>
<td>21,061</td>
</tr>
<tr>
<td>Rank</td>
<td>Geography</td>
<td>FAST ID</td>
</tr>
<tr>
<td>------</td>
<td>-------------------</td>
<td>-----------------------------------</td>
</tr>
<tr>
<td>1.</td>
<td>United States.</td>
<td>$2 fast $0 (OCoLC)fst01204155</td>
</tr>
<tr>
<td>2.</td>
<td>Great Britain.</td>
<td>$2 fast $0 (OCoLC)fst01204623</td>
</tr>
<tr>
<td>3.</td>
<td>England.</td>
<td>$2 fast $0 (OCoLC)fst01219920</td>
</tr>
<tr>
<td>4.</td>
<td>Texas.</td>
<td>$2 fast $0 (OCoLC)fst01210336</td>
</tr>
<tr>
<td>5.</td>
<td>France.</td>
<td>$2 fast $0 (OCoLC)fst01204289</td>
</tr>
<tr>
<td>6.</td>
<td>Europe.</td>
<td>$2 fast $0 (OCoLC)fst01245064</td>
</tr>
<tr>
<td>7.</td>
<td>China.</td>
<td>$2 fast $0 (OCoLC)fst01206073</td>
</tr>
<tr>
<td>8.</td>
<td>Germany.</td>
<td>$2 fast $0 (OCoLC)fst01210272</td>
</tr>
<tr>
<td>9.</td>
<td>California.</td>
<td>$2 fast $0 (OCoLC)fst01204928</td>
</tr>
<tr>
<td>10.</td>
<td>Ireland.</td>
<td>$2 fast $0 (OCoLC)fst01205427</td>
</tr>
</tbody>
</table>
# FAST Top 10: 655 Genre/Form

<table>
<thead>
<tr>
<th>Rank</th>
<th>Category</th>
<th>Identifier</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>History</td>
<td>$2 fast $0 (OCoLC)fst01411628</td>
<td>185,995</td>
</tr>
<tr>
<td>2</td>
<td>Early works</td>
<td>$2 fast $0 (OCoLC)fst01411636</td>
<td>167,539</td>
</tr>
<tr>
<td>3</td>
<td>Vocal scores</td>
<td>$2 fast $0 (OCoLC)fst01692914</td>
<td>89,117</td>
</tr>
<tr>
<td>4</td>
<td>Legislative hearings</td>
<td>$2 fast $0 (OCoLC)fst01910825</td>
<td>79,997</td>
</tr>
<tr>
<td>5</td>
<td>Scores</td>
<td>$2 fast $0 (OCoLC)fst01692898</td>
<td>74,096</td>
</tr>
<tr>
<td>6</td>
<td>Parts (Music)</td>
<td>$2 fast $0 (OCoLC)fst01692889</td>
<td>67,055</td>
</tr>
<tr>
<td>7</td>
<td>Criticism, interpretation, etc.</td>
<td>$2 fast $0 (OCoLC)fst01411635</td>
<td>53,764</td>
</tr>
<tr>
<td>8</td>
<td>Biographies</td>
<td>$2 fast $0 (OCoLC)fst01919896</td>
<td>50,775</td>
</tr>
<tr>
<td>9</td>
<td>Conference papers and proceedings</td>
<td>$2 fast $0 (OCoLC)fst01423772</td>
<td>50,642</td>
</tr>
<tr>
<td>10</td>
<td>Periodicals</td>
<td>$2 fast $0 (OCoLC)fst01411641</td>
<td>46,571</td>
</tr>
</tbody>
</table>
LCSH to FAST: Implications for Discovery
LCSH to FAST: Implications for Discovery

... in a Faceted Catalog (FC)
LCSH to FAST: Implications for Discovery

... in a Faceted Catalog (FC)
... in a traditional OPAC
LCSH to FAST: Implications for Discovery

… in a Faceted Catalog (FC)
… in a traditional OPAC
What does it look like?
LCSH to FAST: Implications for Discovery

... in a Faceted Catalog (FC)
... in a traditional OPAC
What does it look like?
Implementation decisions?
LCSH to FAST: Implications for Discovery

... in a Faceted Catalog (FC)
... in a traditional OPAC
What does it look like?
Implementation decisions?
Is it effective? ... (Compared to LCSH?)
The Systems:
The Systems: Our OPAC
The Systems: Our OPAC

III Sierra “WebPAC”
The Systems: Our OPAC

III Sierra “WebPAC”
Unchanged since Millennium
The Systems: Our OPAC

III Sierra “WebPAC”
Unchanged since Millennium
Last redesigned ~2011 (but kept updated)
The Systems: Our OPAC

III Sierra “WebPAC”
Unchanged since Millennium
Last redesigned ~2011 (but kept updated)
*Heavy* JavaScript customization
The holiday makers: magazines, advertising, and mass tourism in postwar America / Richard K. Popp.
Popp, Richard K., 1977-
Publication Info
Baton Rouge : Louisiana State University Press. [2012]
©2012

Volumes & Copies

<table>
<thead>
<tr>
<th>Location</th>
<th>Call Number</th>
<th>Status</th>
<th>Loan Type</th>
<th>Notes</th>
<th>Barcode</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eagle Commons Library</td>
<td>G155.U6 P68 2012</td>
<td>AVAILABLE</td>
<td></td>
<td></td>
<td>1002592545</td>
</tr>
</tbody>
</table>

Subjects
Tourism -- United States -- History -- 20th century.
Tourism -- Psychological aspects -- United States.
Advertising -- Tourism -- United States.
Tourism -- United States -- Marketing.
United States -- Social life and customs.
1900-1999
Tourism -- Psychological aspects.
Advertising -- Tourism.
Advertising.
Tourism -- Marketing.
Manners and customs.
Tourism.
United States.

Genres
History.

Description
ix, 204 pages, 16 unnumbered pages of plates : illustrations ; 24 cm
The holiday makers: magazines, advertising, and mass tourism in postwar America
Richard K. Popp

Copyright Notice Date: ©2012

Volumes & Copies

<table>
<thead>
<tr>
<th>Location</th>
<th>Call Number</th>
<th>Status</th>
<th>Request</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eagle Commons Library</td>
<td>G155.U6 P68 2012</td>
<td>AVAILABLE</td>
<td>Request for pickup</td>
</tr>
</tbody>
</table>

More Item Details

Genres: History
The Systems: Our OPAC

III Sierra “WebPAC”
Unchanged since Millennium
Last redesigned ~2011 (but kept updated)
Heavy JavaScript customization
The Systems: Our Faceted Catalog (FC)
The Systems: Our Faceted Catalog (FC)

“Discover” (Released in August, 2020)
The Systems: Our Faceted Catalog (FC)

“Discover” (Released in August, 2020)
Frontend: Blacklight
The Systems: Our Faceted Catalog (FC)

“Discover” (Released in August, 2020)
Frontend: Blacklight
Backend: Custom Solr index
The Systems: Our Faceted Catalog (FC)

“Discover” (Released in August, 2020)
Frontend: Blacklight
Backend: Custom Solr index
Indexing software is homegrown
A Note about FAST and Discover
A Note about FAST and Discover

Index design => “current” data!
A Note about FAST and Discover

Index design => “current” data!
Recently added FAST ...
A Note about FAST and Discover

Index design => “current” data!
Recently added FAST ... 
So, currently:

● Still designed / optimized for LCSH
Index design => “current” data!
Recently added FAST ...

So, currently:
  ● Still designed / optimized for LCSH
  ● Accommodates FAST
A Note about FAST and Discover

Index design => “current” data!
Recently added FAST ...
So, currently:
- Still designed / optimized for LCSH
- Accommodates FAST

Next step: Re-evaluate, optimize for FAST (?)
Implementation: Three Components
Implementation: Three Components

1. Subject Phrase Index / Subject Facets
Implementation: Three Components

1. Subject Phrase Index / Subject Facets
2. Record Display Screen
Implementation: Three Components

1. Subject Phrase Index / Subject Facets
2. Record Display Screen
3. Keyword Searches
Implementation: OPAC Subject Index
Subjects

Tourism — United States — History — 20th century
Tourism — Psychological aspects — United States
Advertising — Tourism — United States
Tourism — United States — Marketing
United States — Social life and customs
Subjects

Tourism — United States — History — 20th century
Tourism — Psychological aspects — United States
Advertising — Tourism — United States
Tourism — United States — Marketing
United States — Social life and customs
Search the UNT Library Catalog

Use this system to locate items owned or subscribed to by the UNT Libraries.

Basic Search  Advanced Search  Journal Title  Author & Title  Number Search

Searching:  Keyword  Title  Author  Subject  Genre

1 Type your Subject Terms*:
   tourism
   Find resources about a particular topic. To find resources in a particular genre or format, search by genre. If you are unsure of the exact term to use, search by keyword.
   For example, search subjects to find resources about documentary films, but search genres to find actual documentary films.
   Subject terminology comes from the Library of Congress Subject Headings and other similar vocabularies.

2 Collection (Optional)
   All Collections

Search
<table>
<thead>
<tr>
<th>Number</th>
<th>Mark</th>
<th>SUBJECTS (1-50 of 750)</th>
<th>Year</th>
<th>Entries</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td>Tourism -- 52 Related Subjects</td>
<td>52</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td>Tourism</td>
<td>1562</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
<td>Tourism Abstracts Periodicals : Periodical GV</td>
<td>1981</td>
<td>1</td>
</tr>
<tr>
<td>4</td>
<td></td>
<td>Tourism Accounting : HF568.6.H75 K69 1999</td>
<td>1999</td>
<td>1</td>
</tr>
<tr>
<td>5</td>
<td></td>
<td>Tourism Advertising -- 2 Related Subjects</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>6</td>
<td></td>
<td>Tourism Advertising</td>
<td></td>
<td>10</td>
</tr>
<tr>
<td>7</td>
<td></td>
<td>Tourism Advertising History : NC1002.T68.S55 2010</td>
<td>2010</td>
<td>1</td>
</tr>
<tr>
<td>8</td>
<td></td>
<td>Tourism Advertising Oceania History Exhibitions : GN662 .PS7 1993</td>
<td>1993</td>
<td>1</td>
</tr>
<tr>
<td>9</td>
<td></td>
<td>Tourism Advertising Pictorial Works : NC1002.T68.S55 2010</td>
<td>2010</td>
<td>1</td>
</tr>
<tr>
<td>10</td>
<td></td>
<td>Tourism Advertising Texas : TxD C2300.8 C783</td>
<td>19897</td>
<td>1</td>
</tr>
<tr>
<td>11</td>
<td></td>
<td>Tourism Advertising United States : G155.U6 P68 2012</td>
<td>2012</td>
<td>1</td>
</tr>
<tr>
<td>12</td>
<td></td>
<td>Tourism Africa</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>13</td>
<td></td>
<td>Tourism Africa Southern : G155.A312.R47 2008eb</td>
<td>2008</td>
<td>1</td>
</tr>
<tr>
<td>14</td>
<td></td>
<td>Tourism Africa Sub Saharan</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>15</td>
<td></td>
<td>Tourism Africa Sub Saharan Case Studies : G155.A314 C57 2014</td>
<td>2014</td>
<td>1</td>
</tr>
<tr>
<td>16</td>
<td></td>
<td>Tourism Alaska</td>
<td></td>
<td>2</td>
</tr>
</tbody>
</table>
Implementation: OPAC Subject Index

New FAST headings => “flattening” of LCSH
Implementation: OPAC Subject Index

New FAST headings => “flattening” of LCSH
Better discovery through better categorization
Implementation: OPAC Subject Index

New FAST headings => “flattening” of LCSH
Better discovery through better categorization
Main consideration — setup of indexing rules:
Implementation: OPAC Subject Index

New FAST headings => “flattening” of LCSH
Better discovery through better categorization
Main consideration — setup of indexing rules:
  ● DO include relevant MARC fields
Implementation: OPAC Subject Index

New FAST headings => “flattening” of LCSH
Better discovery through better categorization
Main consideration — setup of indexing rules:

● DO include relevant MARC fields
● DON’T exclude FAST (ind2 7, $2fast)
Implementation: OPAC Subject Index

New FAST headings => “flattening” of LCSH
Better discovery through better categorization

Main consideration — setup of indexing rules:
- **DO** include relevant MARC fields
- **DON’T** exclude FAST (ind2 7, $2fast)
- **DO** remove control subfields (esp. $2)
Implementation: FC Subject Facets
Implementation: FC Subject Facets

No Phrase Indexes in Discover!
Implementation: FC Subject Facets

No Phrase Indexes in Discover!
But, facets ~= Phrase Index
Implementation: FC Subject Facets

No Phrase Indexes in Discover!
But, facets $\sim=$ Phrase Index
(Comparable, but not equivalent … )
Implementation: FC Subject Facets

No Phrase Indexes in Discover!
But, facets ~= Phrase Index
(Comparable, but not equivalent ... )
**Index**: More complex; more precise
Implementation: FC Subject Facets

No Phrase Indexes in Discover!
But, facets ~= Phrase Index
(Comparable, but not equivalent … )
**Index**: More complex; more precise
**Index**: Harder to use for non-experts
<table>
<thead>
<tr>
<th>Number</th>
<th>Mark</th>
<th>SUBJECTS (1-50 of 750)</th>
<th>Year</th>
<th>Entries Found</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td>Tourism -- 52 Related Subjects</td>
<td>52</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td>Tourism</td>
<td>1562</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
<td>Tourism Abstracts Periodicals : Periodical GV</td>
<td>1981</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td></td>
<td>Tourism Accounting : HF568.6.H75 K69 1999</td>
<td>1999</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td></td>
<td>Tourism Advertising -- 2 Related Subjects</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td></td>
<td>Tourism Advertising</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td></td>
<td>Tourism Advertising History : NC1002.T68.S55 2010</td>
<td>2010</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td></td>
<td>Tourism Advertising Oceania History Exhibitions : GN662 .PS7 1993</td>
<td>1993</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td></td>
<td>Tourism Advertising Pictorial Works : NC1002.T68.S55 2010</td>
<td>2010</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td></td>
<td>Tourism Advertising Texas : ToD C2300.8 C783</td>
<td>19897</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td></td>
<td>Tourism Africa</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td></td>
<td>Tourism Africa Sub Saharan</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>16</td>
<td></td>
<td>Tourism Alaska</td>
<td>2</td>
<td></td>
</tr>
</tbody>
</table>
Implementation: FC Subject Facets

No Phrase Indexes in Discover!
But, facets ~= Phrase Index
(Comparable, but not equivalent ... )
**Index**: More complex; more precise
**Index**: Harder to use for non-experts
**Facets**: Simpler; broader
Implementation: FC Subject Facets

No Phrase Indexes in Discover!
But, facets $\sim=$ Phrase Index
(Comparable, but not equivalent … )

**Index**: More complex; more precise

**Index**: Harder to use for non-experts

**Facets**: Simpler; broader

**Facets**: More intuitive for non-experts
Implementation: FC Subject Facets

How are your facets designed?
Implementation: FC Subject Facets

How are your facets designed?
Two basic questions…
Implementation: FC Subject Facets

How are your facets designed?
Two basic questions…
  1. What facets to use?
Implementation: FC Subject Facets

How are your facets designed?
Two basic questions…
  1. What facets to use?
  2. How to convert existing headings to facet values?
Implementation: What Facets?
Implementation: What Facets?

FAST => Personal Names, Corporate Names, Meeting Names, Geographic Names, Events, Titles, Time Periods, Topics, Form/Genre
Implementation: What Facets?

FAST => Personal Names, Corporate Names, Meeting Names, Geographic Names, Events, Titles, Time Periods, Topics, Form/Genre

(... maybe nine subject facets is excessive ... )
Implementation: What Facets?

Discover =>

**Genre** (covers Form/Genre)
**Topic** (covers Titles, Topics, and names)
**Region** (covers Geographic Names)
**Era** (covers Time Periods)
<table>
<thead>
<tr>
<th><strong>Limit your search</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Access</td>
</tr>
<tr>
<td>Resource Type</td>
</tr>
<tr>
<td>Format or Media Type</td>
</tr>
<tr>
<td>Collection</td>
</tr>
<tr>
<td>Building Location</td>
</tr>
<tr>
<td>Shelf Location</td>
</tr>
<tr>
<td>Date</td>
</tr>
<tr>
<td>Newly Added</td>
</tr>
<tr>
<td>Language</td>
</tr>
<tr>
<td>Author or Contributor</td>
</tr>
<tr>
<td>Meeting or Event</td>
</tr>
<tr>
<td>Title or Series</td>
</tr>
<tr>
<td>Genre</td>
</tr>
<tr>
<td>Subject - Topic</td>
</tr>
<tr>
<td>Subject - Region</td>
</tr>
<tr>
<td>Subject - Era</td>
</tr>
</tbody>
</table>
Implementation: Deriving Facet Values
Implementation: Deriving Facet Values

Current process, designed for LCSH …
Implementation: Deriving Facet Values

Current process, designed for LCSH ...

How to convert **LCSH** to facets?
Implementation: Deriving Facet Values

Current process, designed for LCSH ...

How to convert LCSH to facets?

1. Naive approach
LCSH to Facets, Naive Approach

LCSH  Corn — Diseases and Pests — Control

Facets  Corn
        Diseases and Pests
        Control
LCSH to Facets, Naive Approach

**LCSH**  
Skyscrapers — Heating and ventilation — Control

**Facets**  
Skyscrapers  
Heating and ventilation  
Control
LCSH to Facets, Naive Approach

LCSH  Skyscrapers — Heating and ventilation — Control

Facets  Skyscrapers
       Heating and ventilation
       Control  ???
LCSH to Facets, Naive Approach

LCSH
Tourism — Psychological aspects — United States

Facets
Tourism
Psychological aspects
United States
LCSH to Facets, Naive Approach

LCSH  Tourism — Psychological aspects — United States

Facets  Tourism
Psychological aspects ??
United States
LCSH to Facets, Naive Approach

LCSH  Tourism — Psychological aspects — United States

Facets  Tourism
      Psychological aspects ???
      United States

(Also, won’t group with Psychology heading)
Implementation: Deriving Facet Values

Current process, designed for LCSH ...
How to convert LCSH to facets?
1. Naive approach
Implementation: Deriving Facet Values

Current process, designed for LCSH ...

How to convert **LCSH** to facets?

1. Naive approach
Implementation: Deriving Facet Values

Current process, designed for LCSH ...

How to convert LCSH to facets?

1. Naive approach
2. Ignore subdivisions?
Implementation: Deriving Facet Values

Current process, designed for LCSH …

How to convert LCSH to facets?

1. Naive approach
2. Ignore subdivisions?
3. Generate better terms from (topical) subdivisions?
Implementation: Better Subdivision Terms
Implementation: Better Subdivision Terms

1st attempt: Convert (topical) subdivisions to FAST?
Implementation: Better Subdivision Terms

1st attempt: Convert (topical) subdivisions to FAST?

- Batch downloaded LCSH and FAST linked data sets
Implementation: Better Subdivision Terms

1st attempt: Convert (topical) subdivisions to FAST?

- Batch downloaded LCSH and FAST linked data sets
- Filtered LCSH to *only* subdivisions with a `schema.org:sameAs` relationship to FAST
Implementation: Better Subdivision Terms

1st attempt: Convert (topical) subdivisions to FAST?

- Batch downloaded LCSH and FAST linked datasets
- Filtered LCSH to *only* subdivisions with a `schema.org:sameAs` relationship to FAST
- Out of 3,656 subdivisions? Only 42 matches.
Implementation: Better Subdivision Terms

2nd attempt: Generate custom mapping ...
Implementation: Better Subdivision Terms

2nd attempt: Generate custom mapping ...
- Examine mads:exampleNote in LCSH LD
Implementation: Better Subdivision Terms

2nd attempt: Generate custom mapping ...

- Examine mads:exampleNote in LCSH LD
- Extract each [reference heading]
Implementation: Better Subdivision Terms

2nd attempt: Generate custom mapping ...  
   - Examine mads:exampleNote in LCSH LD  
   - Extract each [reference heading]  
   - Massage the data ...
Implementation: Better Subdivision Terms

2nd attempt: Generate custom mapping ...
- Examine mads:exampleNote in LCSH LD
- Extract each [reference heading]
- Massage the data ...
- Hand curate results (so tedious!)
LCSH to Facets, Better Approach
LCSH to Facets, Better Approach

LCSH  Corn — Diseases and Pests — Control

Facets  Corn
Agricultural pests
Plant diseases
Plant parasites
Pest control
LCSH to Facets, Better Approach

**LCSH**

Skyscrapers — Heating and ventilation — Control

**Facets**

Skyscrapers
Heating
Ventilation
Control (Heating)
LCSH to Facets, Better Approach

LCSH  
Tourism — Psychological aspects — United States

Facets  
Tourism  
Psychology  
United States
Implementation: Deriving Facet Values

Current process, designed for LCSH ...
Implementation: Deriving Facet Values

Current process, designed for LCSH …
How does it work for FAST?
### LCSH => FAST => Facets

<table>
<thead>
<tr>
<th>LCSH</th>
<th>Tourism — Psychological aspects — United States</th>
</tr>
</thead>
<tbody>
<tr>
<td>FAST</td>
<td>Tourism</td>
</tr>
<tr>
<td></td>
<td>Tourism — Psychological aspects</td>
</tr>
<tr>
<td></td>
<td>United States</td>
</tr>
<tr>
<td>Facets</td>
<td>Tourism</td>
</tr>
<tr>
<td></td>
<td>Psychology</td>
</tr>
</tbody>
</table>
Implementation: Deriving Facet Values

Current process, designed for LCSH …
How does it work for FAST?
  ● About the same …
Implementation: Deriving Facet Values

Current process, designed for LCSH ...

How does it work for FAST?

- About the same ...
- With some terminology differences
LCSH => FAST => Facets

<table>
<thead>
<tr>
<th>LCSH</th>
<th>Tourism — United States — History — <strong>20th Century</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>FAST</td>
<td>Tourism</td>
</tr>
<tr>
<td></td>
<td>History</td>
</tr>
<tr>
<td></td>
<td>United States</td>
</tr>
<tr>
<td></td>
<td><strong>1900-1999</strong></td>
</tr>
<tr>
<td>Facets</td>
<td>Tourism</td>
</tr>
<tr>
<td></td>
<td><strong>1900-1999</strong></td>
</tr>
<tr>
<td></td>
<td>United States</td>
</tr>
<tr>
<td></td>
<td><strong>20th Century</strong></td>
</tr>
<tr>
<td></td>
<td>History</td>
</tr>
</tbody>
</table>
Implementation: Deriving Facet Values

Current process, designed for LCSH ...
How does it work for FAST?

● About the same ...
● With some terminology differences

(We currently convert both and keep unique terms)
Implementation: Record Display Screen
Implementation: Record Display Screen

Subject display is like an answer key ...
Implementation: Record Display Screen

Subject display is like an answer key ... Provide exact, expert-assigned headings
Implementation: Record Display Screen

Subject display is like an answer key ...
Provide exact, expert-assigned headings
Headings are clickable for easy exploration
Implementation: Record Display Screen

Subject display is like an answer key ...
Provide exact, expert-assigned headings
Headings are clickable for easy exploration
Which headings best support this use?
<table>
<thead>
<tr>
<th>Genres</th>
<th>History</th>
</tr>
</thead>
<tbody>
<tr>
<td>Subjects</td>
<td>Tourism — United States — History — 20th century</td>
</tr>
<tr>
<td></td>
<td>Tourism — Psychological aspects — United States</td>
</tr>
<tr>
<td></td>
<td>Advertising — Tourism — United States</td>
</tr>
<tr>
<td></td>
<td>Tourism — United States — Marketing</td>
</tr>
<tr>
<td></td>
<td>United States — Social life and customs</td>
</tr>
<tr>
<td></td>
<td>1900-1999</td>
</tr>
<tr>
<td></td>
<td>Tourism — Psychological aspects</td>
</tr>
<tr>
<td></td>
<td>Advertising — Tourism</td>
</tr>
<tr>
<td></td>
<td>Advertising</td>
</tr>
<tr>
<td></td>
<td>Tourism — Marketing</td>
</tr>
<tr>
<td></td>
<td>Manners and customs</td>
</tr>
<tr>
<td></td>
<td>Tourism</td>
</tr>
<tr>
<td></td>
<td>United States</td>
</tr>
</tbody>
</table>
Subject display is like an answer key ... Provide exact, expert-assigned headings. Headings are clickable for easy exploration. Which headings best support this use?

- Both!
Implementation: Record Display Screen

How to handle duplication?
Implementation: Record Display Screen

How to handle **duplication**?

- You *will* have some duplication between LCSH and FAST headings
Implementation: Record Display Screen

How to handle duplication?

- You *will* have some duplication between LCSH and FAST headings
- Differentiate between the two?
Implementation: Record Display Screen

How to handle duplication?

- You will have some duplication between LCSH and FAST headings
- Differentiate between the two?
- Prevent display of duplicate headings?
Implementation: Record Display Screen

We wanted consistent display in each system
We wanted consistent display in each system
No differentiation by vocabulary
Implementation: Record Display Screen

We wanted consistent display in each system
No differentiation by vocabulary
Display all subject headings, in order
Implementation: Record Display Screen

We wanted consistent display in each system
No differentiation by vocabulary
Display all subject headings, in order
Hide exact duplicates
We wanted consistent display in each system
No differentiation by vocabulary
Display all subject headings, in order
Hide exact duplicates

- **OPAC**: Done via custom JavaScript
We wanted consistent display in each system
No differentiation by vocabulary
Display all subject headings, in order
Hide exact duplicates

- **OPAC**: Done via custom JavaScript
- **Discover**: Done during indexing
Implementation: Record Display Screen

650 #0 $a Tourism $x Management. $0 http://id.loc.gov/authorities/subjects/sh2008112935
650 #0 $a Hospitality industry. $0 http://id.loc.gov/authorities/subjects/sh88004814

650 #7 $a Tourism $x Management. $2fast $0(OCoLC)fst01153180
650 #7 $a Tourism. $2fast $0(OCoLC)fst01153142
650 #7 $a Hospitality industry. $2fast $0(OCoLC)fst00961126
Subjects

Tourism -- Management.
Hospitality industry.
Tourism -- Management.
Tourism.
Hospitality industry.
OPAC: With JavaScript

Subjects

Tourism — Management
Hospitality industry
Tourism
Discover

Subjects:

Tourism > Management
Hospitality industry
Tourism
Implementation: Keyword Searching
Implementation: Keyword Searching

To index or not to index?
Implementation: Keyword Searching

To index or not to index?

● Why not?
Implementation: Keyword Searching

To index or not to index?
  ● Why not?

OPAC — Set up keyword indexing rules …
Implementation: Keyword Searching

To index or not to index?
  ● Why not?

OPAC — Set up keyword indexing rules …
  ● DO include relevant MARC fields
  ● DON’T exclude FAST (ind2 7, $2fast)
  ● DO remove control subfields (esp. $2)
Implementation: Keyword Searching

FC — Set up fields / indexing …
Implementation: Keyword Searching

FC — Set up fields / indexing …
  ● Load FAST into subject search fields
Implementation: Keyword Searching

FC — Set up fields / indexing …
  ● Load FAST into subject search fields
  ● Parse like other subjects?
Implementation: Keyword Searching

FC — Set up fields / indexing …
- Load FAST into subject search fields
- Parse like other subjects?
- Deduplicate terms?
Implementation: Keyword Searching

FC — Set up fields / indexing …
  ● Load FAST into subject search fields
  ● Parse like other subjects?
  ● Deduplicate terms?
    ○ One field for unique headings
Implementation: Keyword Searching

FC — Set up fields / indexing …
- Load FAST into subject search fields
- Parse like other subjects?
- Deduplicate terms?
  - One field for unique headings
  - Fields for primary/secondary terms (unique phrases)
Implementation: Keyword Searching

To index or not to index?
Implementation: Keyword Searching

To index or not to index?

- Relevance impact: good, bad, neutral?
<table>
<thead>
<tr>
<th>Genres</th>
<th>History</th>
</tr>
</thead>
<tbody>
<tr>
<td>Subjects</td>
<td>Tourism — United States — History — 20th century</td>
</tr>
<tr>
<td></td>
<td>Tourism — Psychological aspects — United States</td>
</tr>
<tr>
<td></td>
<td>Advertising — Tourism — United States</td>
</tr>
<tr>
<td></td>
<td>Tourism — United States — Marketing</td>
</tr>
<tr>
<td></td>
<td>United States — Social life and customs</td>
</tr>
<tr>
<td></td>
<td>1900-1999</td>
</tr>
<tr>
<td></td>
<td>Tourism — Psychological aspects</td>
</tr>
<tr>
<td></td>
<td>Advertising — Tourism</td>
</tr>
<tr>
<td></td>
<td>Advertising</td>
</tr>
<tr>
<td></td>
<td>Tourism — Marketing</td>
</tr>
<tr>
<td></td>
<td>Manners and customs</td>
</tr>
<tr>
<td></td>
<td>Tourism</td>
</tr>
<tr>
<td></td>
<td>United States</td>
</tr>
</tbody>
</table>
Implementation: Keyword Searching

To index or not to index?
  ● Relevance impact: good, bad, neutral?
Implementation: Keyword Searching

To index or not to index?

● Relevance impact: good, bad, neutral?
● *Probably* better that FAST is searchable
Implementation: Keyword Searching

To index or not to index?
- Relevance impact: good, bad, neutral?
- *Probably* better that FAST is searchable
- Same process applied to all records
Implementation: Keyword Searching

To index or not to index?
- Relevance impact: good, bad, neutral?
- Probably better that FAST is searchable
- Same process applied to all records
- In a locally-controlled index: try normalizing for relevance factors
Implementation: Keyword Searching

To index or not to index?

- Relevance impact: good, bad, neutral?
- *Probably* better that FAST is searchable
- Same process applied to all records
- In a locally-controlled index: try normalizing for relevance factors
- Worth further study and investigation
Final Thoughts
Final Thoughts

Misconceptions about FAST
Final Thoughts

Misconceptions about FAST

1. “It’s useless in a traditional OPAC”
Final Thoughts

Misconceptions about FAST
1. “It’s useless in a traditional OPAC”
2. “It works perfectly for subject facets”
Final Thoughts

Misconceptions about FAST
  1. “It’s useless in a traditional OPAC”
  2. “It works perfectly for subject facets”

Reality: It can work well in either context but requires thought and planning
Final Thoughts

Misconceptions about FAST

1. “It’s useless in a traditional OPAC”
2. “It works perfectly for subject facets”

Reality: Natively, FAST is closer to “facet” expectations, but still needs adaptation.
Final Thoughts

FAST vs. LCSH: Which is better?
Final Thoughts

FAST vs. LCSH: Which is better?

- UI / UX / IA POV — Flat > Deep
Final Thoughts

FAST vs. LCSH: Which is better?

- UI / UX / IA POV — Flat > Deep
- FAST is “Flattened” LCSH
Final Thoughts

FAST vs. LCSH: Which is better?

- UI / UX / IA POV — Flat > Deep
- FAST is “Flattened” LCSH
- But! Depth still has its place.
Final Thoughts

FAST vs. LCSH: Which is better?

- UI / UX / IA POV — Flat > Deep
- FAST is “Flattened” LCSH
- But! Depth still has its place.

Reality: Each has its purpose — for best results, leverage both
Final Thoughts

**FAST Advantages**
- High recall
- Good for bottom-up discovery
- Works well for facets, subject browsing
Final Thoughts

LCSH Advantages
- High precision
- Helps find specific subjects
- Works well on record display screen
Final Thoughts

Next Steps: Investigate and Evaluate
Final Thoughts

Next Steps: Investigate and Evaluate

● Evaluate contents of subject facets
Final Thoughts

Next Steps: Investigate and Evaluate

- Evaluate contents of subject facets
- Re-evaluate how facets are derived
Final Thoughts

Next Steps: Investigate and Evaluate

● Evaluate contents of subject facets
● Re-evaluate how facets are derived
  ○ (What if we ignored LCSH for facets?)
Final Thoughts

Next Steps: Investigate and Evaluate
- Evaluate contents of subject facets
- Re-evaluate how facets are derived
  - (What if we ignored LCSH for facets?)
- Evaluate record display
Final Thoughts

Next Steps: Investigate and Evaluate

● Evaluate contents of subject facets
● Re-evaluate how facets are derived
  ○ (What if we ignored LCSH for facets?)
● Evaluate record display
● Test and evaluate relevance impact
Questions and Discussion

Thank you!

Adam Baron, adam.baron@unt.edu
Jason Thomale, jason.thomale@unt.edu