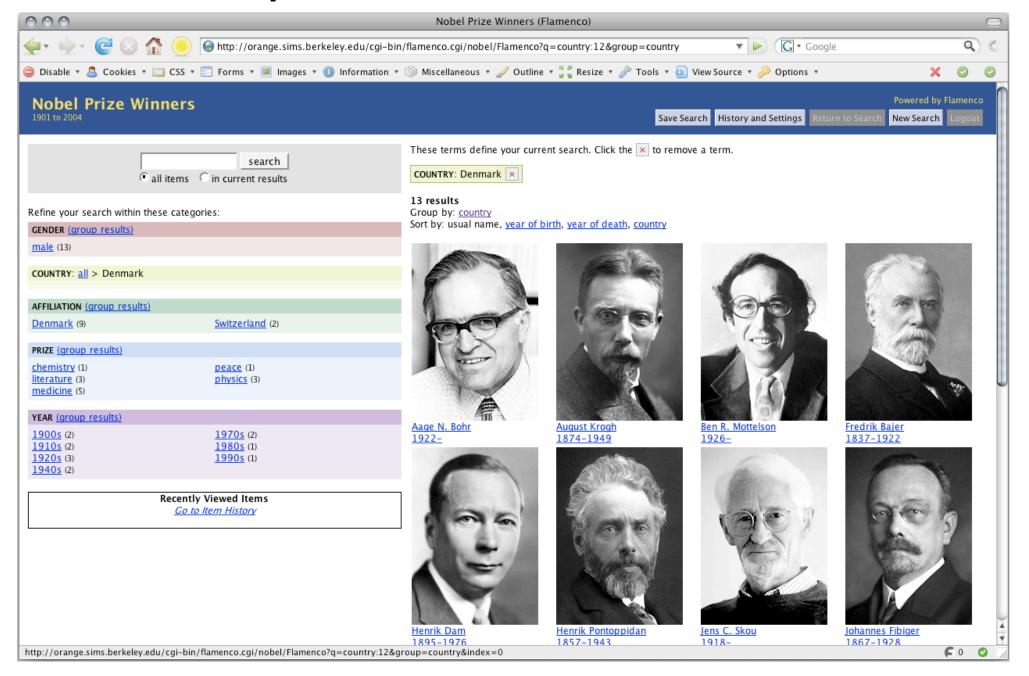# I still can't find what I want !

An evaluation of next generation library catalogs that combine text search with faceted navigation.

To participate go to:
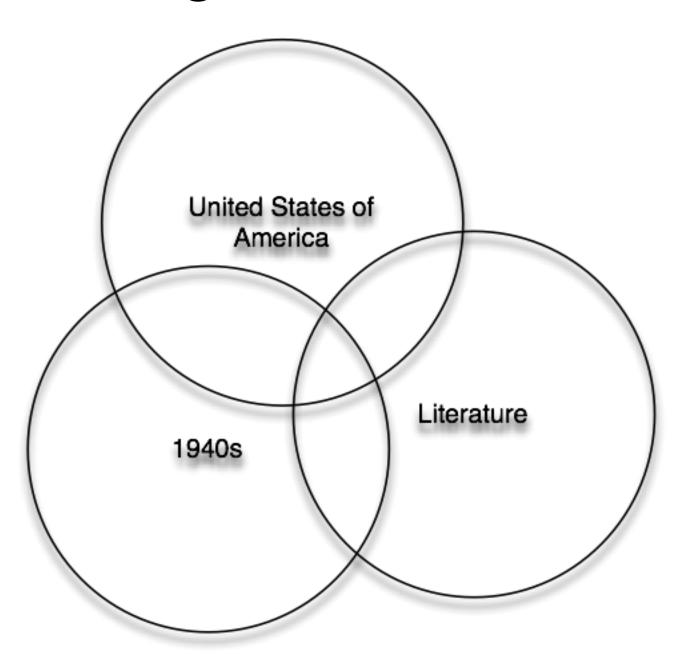
http://ils.unc.edu/~lown/examples/

Cory Lown
Brad Hemminger

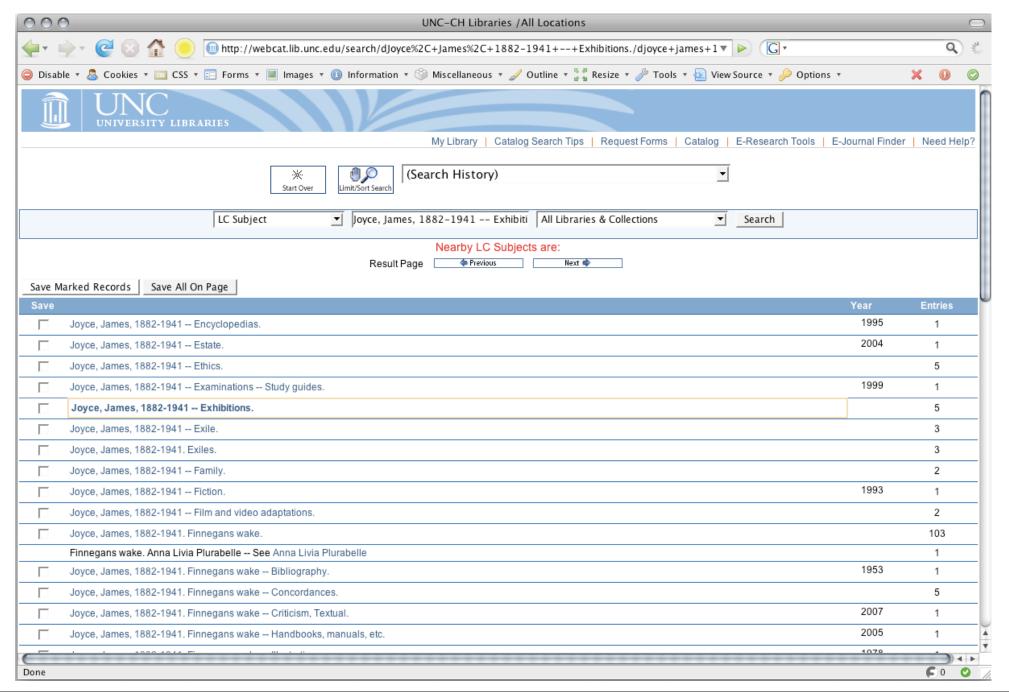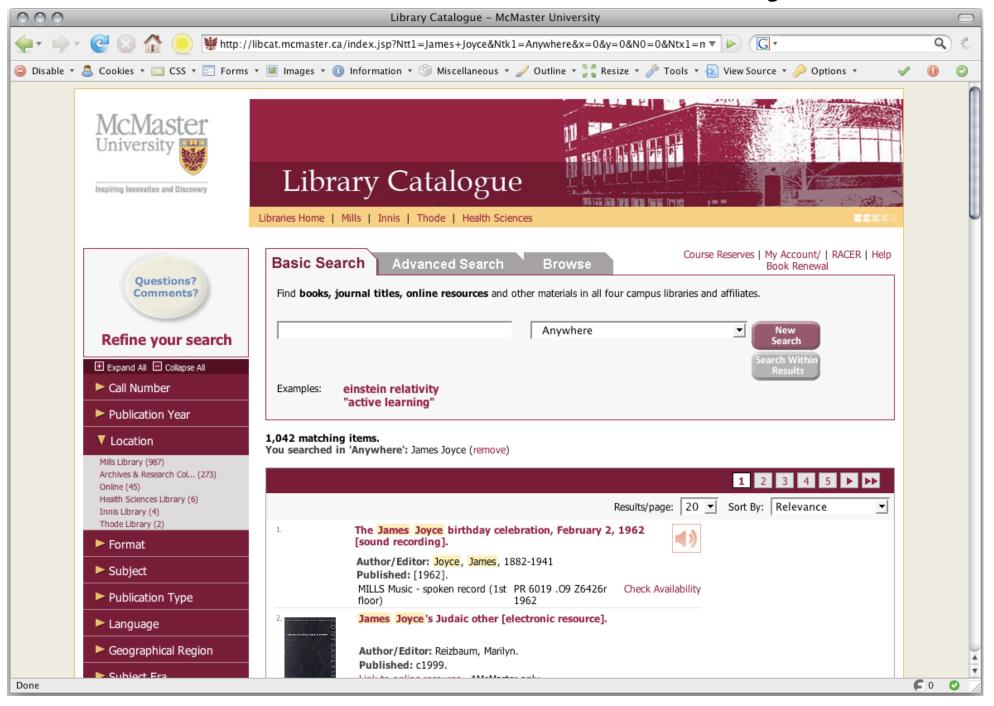# A heap of Nobel Prize winners

A Venn diagram view of facets
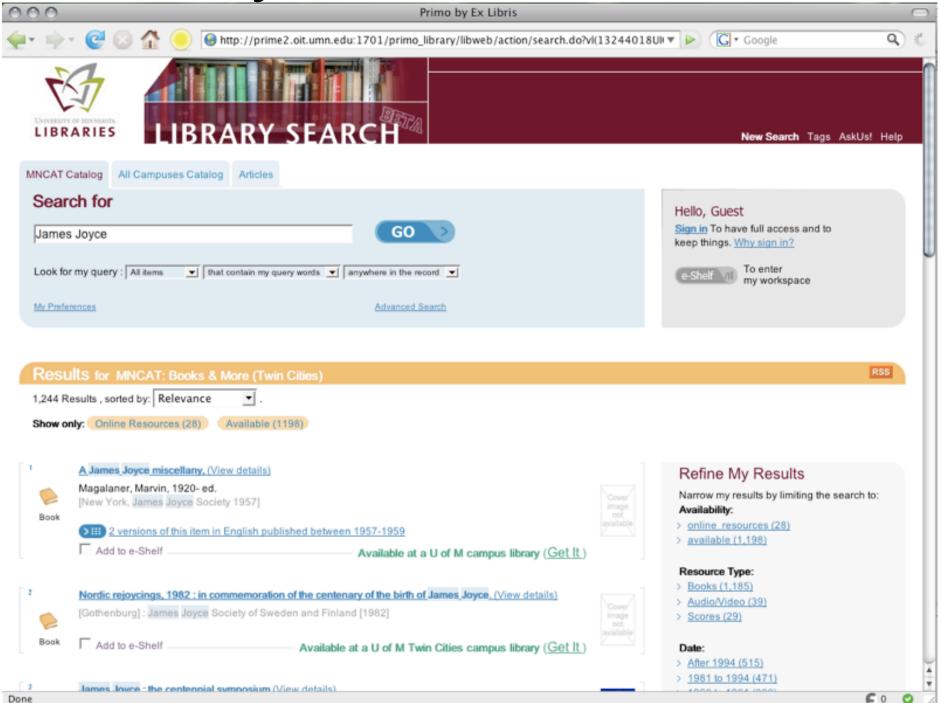
What about even bigger heaps?
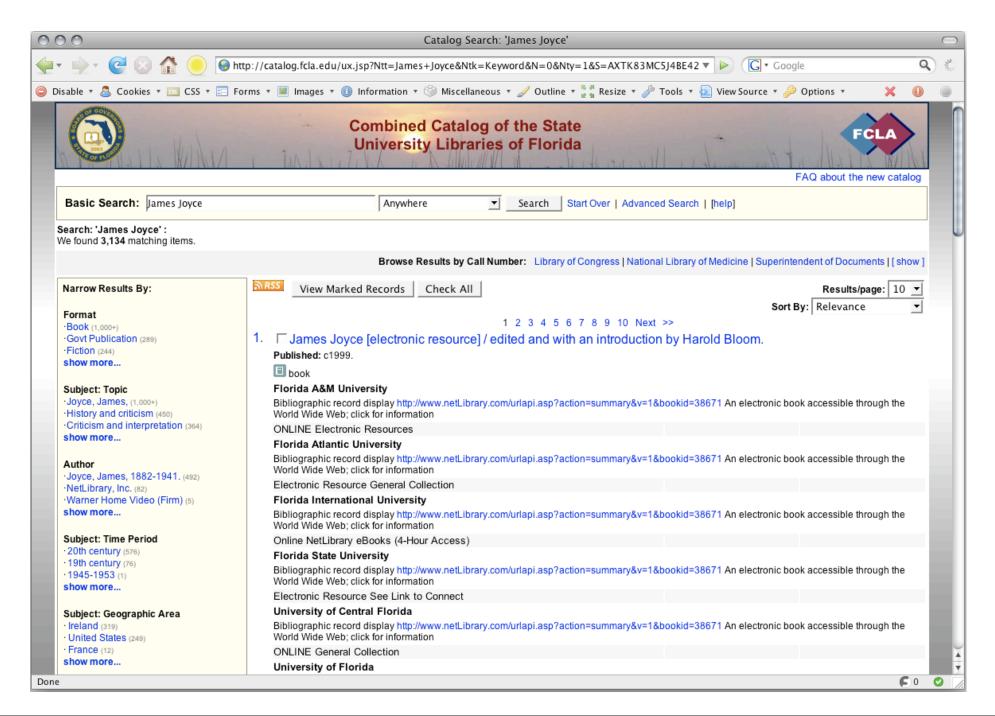
Library catalogs with Text Search and Faceted Navigation

McMaster University

University of Minnesota Libraries
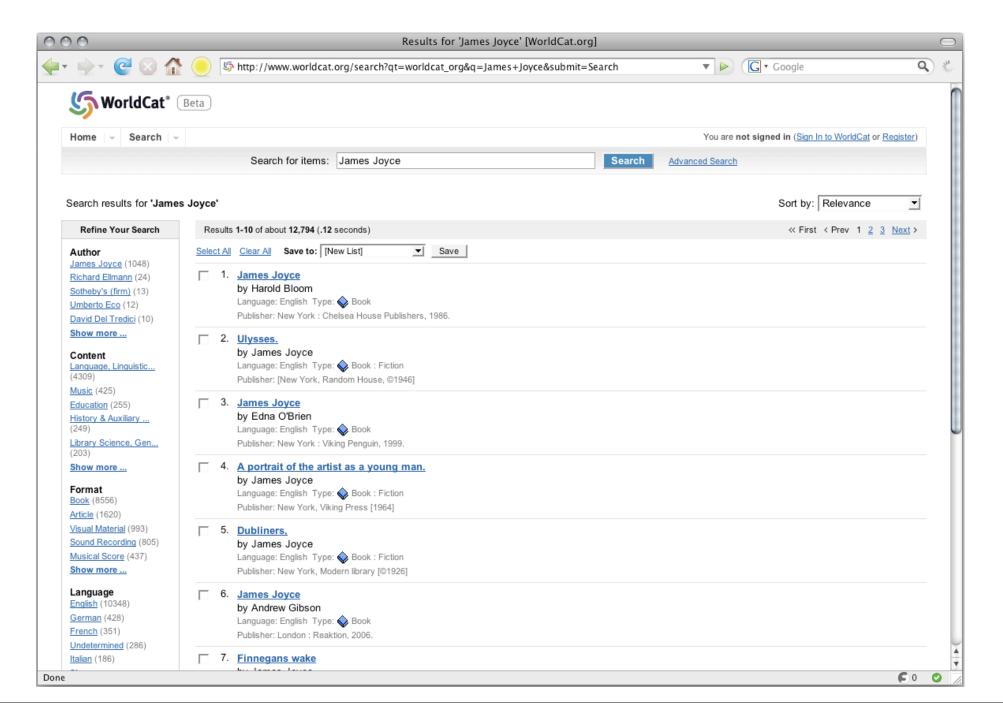
FCLA Libraries

WorldCat
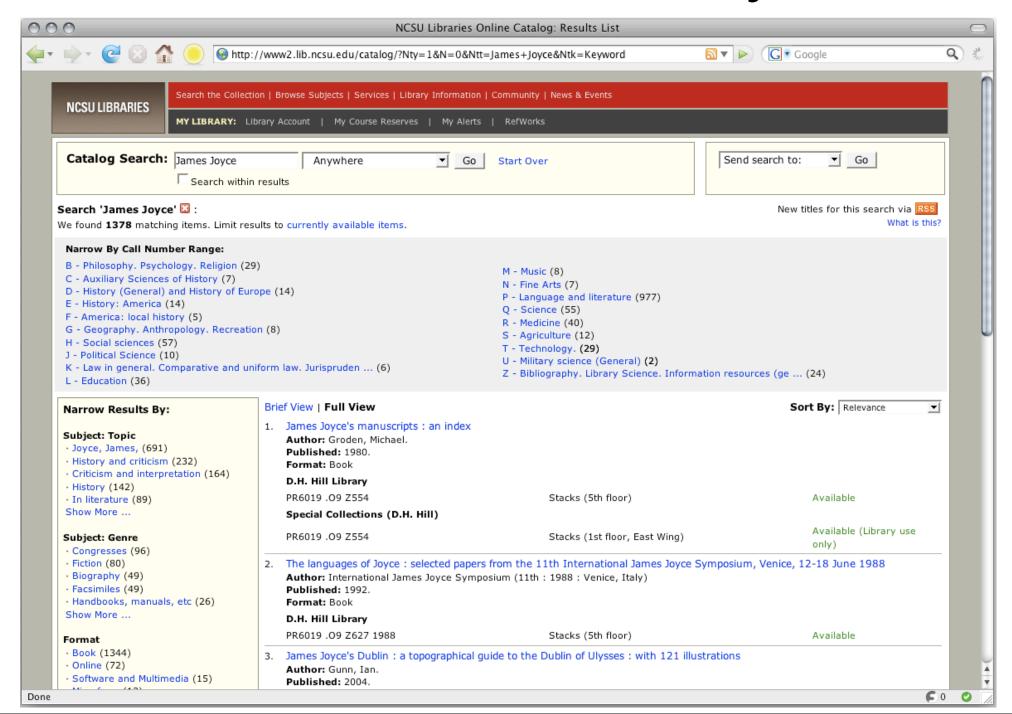
NC State University

NCSU Libraries Online Catalog: Results List

http://www2.lib.ncsu.edu/catalog/?Nty=1&N=0&Ntt=James+Joyce&Ntk=Keyword

Google

NCSU LIBRARIES

Search the Collection | Browse Subjects | Services | Library Information | Community | News & Events

MY LIBRARY: Library Account | My Course Reserves | My Alerts | RefWorks

Catalog Search: James Joyce — Anywhere — Go — Start Over

☐ Search within results

Send search to: — Go

Search 'James Joyce' ☒ :

We found **1378** matching items. Limit results to currently available items.

New titles for this search via RSS

What is this?

Narrow By Call Number Range:

B - Philosophy. Psychology. Religion (29)
C - Auxiliary Sciences of History (7)
D - History (General) and History of Europe (14)
E - History: America (14)
F - America: local history (5)
G - Geography. Anthropology. Recreation (8)
H - Social sciences (57)
J - Political Science (10)
K - Law in general. Comparative and uniform law. Jurispruden ... (6)
L - Education (36)

M - Music (8)
N - Fine Arts (7)
P - Language and literature (977)
Q - Science (55)
R - Medicine (40)
S - Agriculture (12)
T - Technology. (29)
U - Military science (General) (2)
Z - Bibliography. Library Science. Information resources (ge ... (24)

Narrow Results By:

Subject: Topic
· Joyce, James, (691)
· History and criticism (232)
· Criticism and interpretation (164)
· History (142)
· In literature (89)
Show More ...

Subject: Genre
· Congresses (96)
· Fiction (80)
· Biography (49)
· Facsimiles (49)
· Handbooks, manuals, etc (26)
Show More ...

Format
· Book (1344)
· Online (72)
· Software and Multimedia (15)

Brief View | **Full View**

Sort By: Relevance

1. James Joyce's manuscripts : an index
   Author: Groden, Michael.
   Published: 1980.
   Format: Book
   D.H. Hill Library
   PR6019 .O9 Z554   Stacks (5th floor)   Available
   Special Collections (D.H. Hill)
   PR6019 .O9 Z554   Stacks (1st floor, East Wing)   Available (Library use only)

2. The languages of Joyce : selected papers from the 11th International James Joyce Symposium, Venice, 12-18 June 1988
   Author: International James Joyce Symposium (11th : 1988 : Venice, Italy)
   Published: 1992.
   Format: Book
   D.H. Hill Library
   PR6019 .O9 Z627 1988   Stacks (5th floor)   Available

3. James Joyce's Dublin : a topographical guide to the Dublin of Ulysses : with 121 illustrations
   Author: Gunn, Ian.
   Published: 2004.
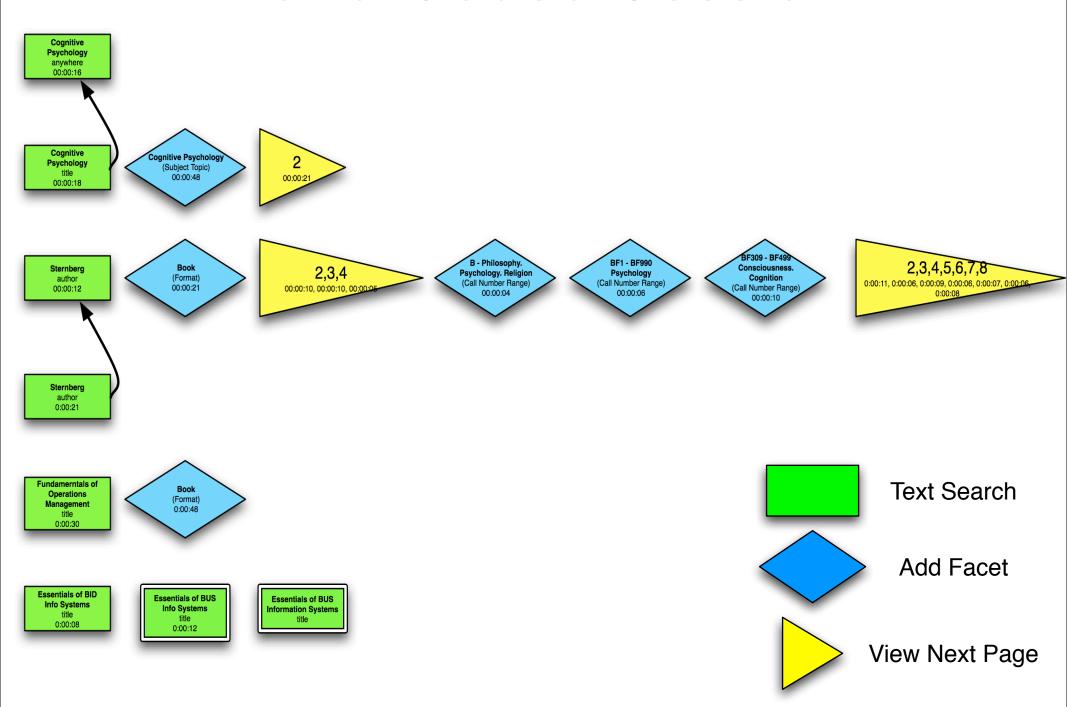
Done

Our Research

- **Analysis of NCSU's Endeca server logs**

- Develop and test interfaces based on findings

SILS NeoRef research in conjunction with...

- TRLN (Triangle Research Libraries Network)
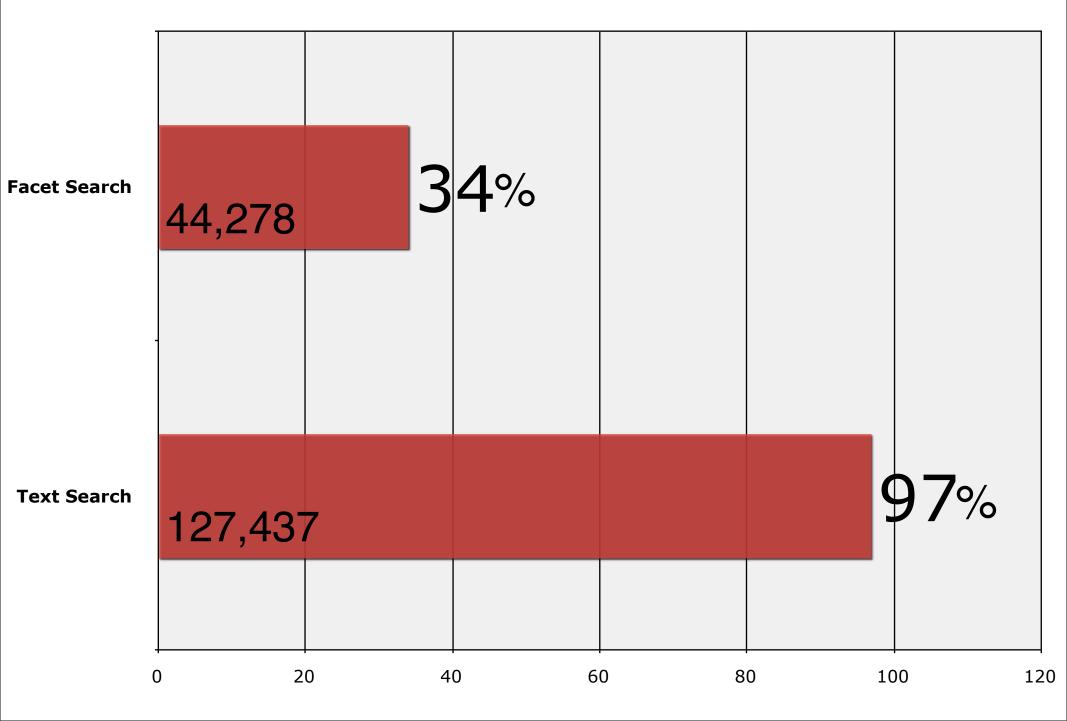- NCSU Libraries

Hand-Coded Session

Cognitive Psychology anywhere 00:00:16

Cognitive Psychology title 00:00:18

Cognitive Psychology (Subject Topic) 00:00:48

2 00:00:21

Sternberg author 00:00:12

Sternberg author 0:00:21

Book (Format) 00:00:21

2,3,4 00:00:10, 00:00:10, 00:00:05

B - Philosophy. Psychology. Religion (Call Number Range) 00:00:04

BF1 - BF990 Psychology (Call Number Range) 00:00:06

BF309 - BF499 Consciousness. Cognition (Call Number Range) 00:00:10

2,3,4,5,6,7,8 0:00:11, 0:00:06, 0:00:09, 0:00:06, 0:00:07, 0:00:06, 0:00:08

Fundamerntals of Operations Management title 0:00:30

Book (Format) 0:00:48

Essentials of BID Info Systems title 0:00:08

Essentials of BUS Info Systems title 0:00:12

Essentials of BUS Information Systems title

Text Search
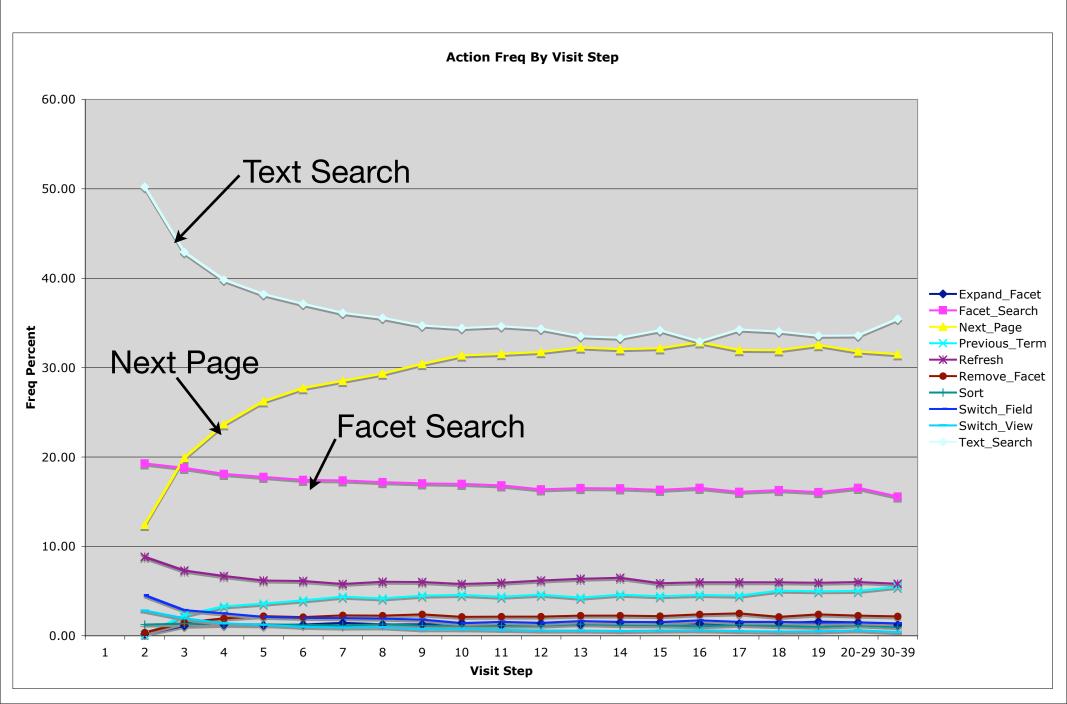
Add Facet

View Next Page

Session Statistics

Median (Mean)...

- Actions per Session: **2 (5)**

- Length of Session: **44 seconds (7.5 minutes)**
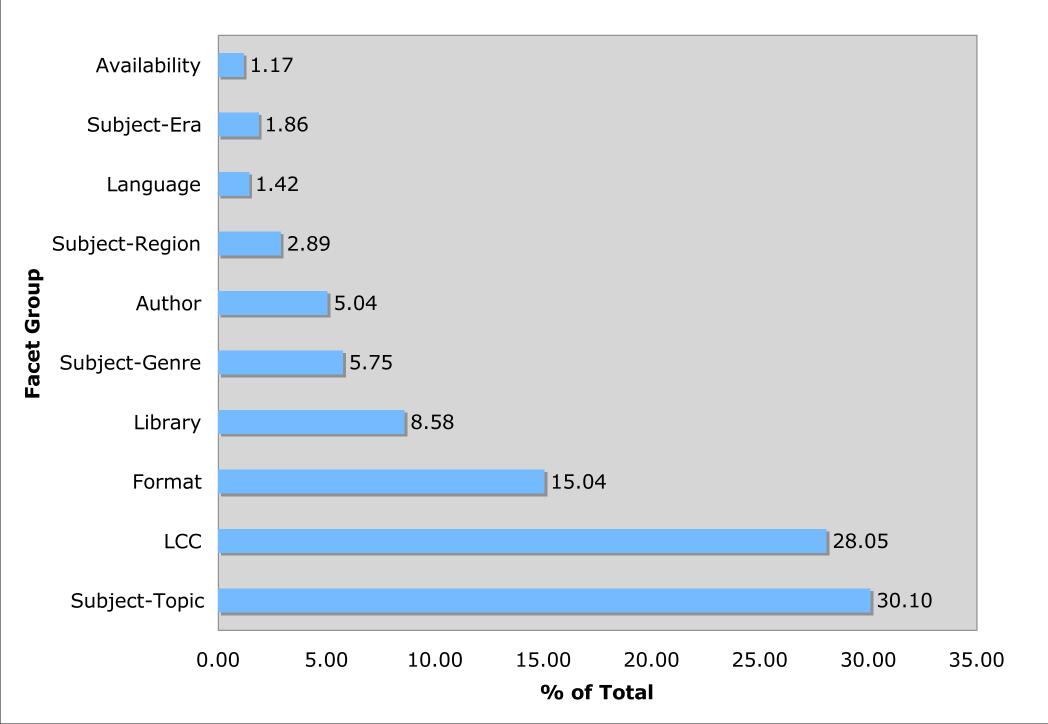
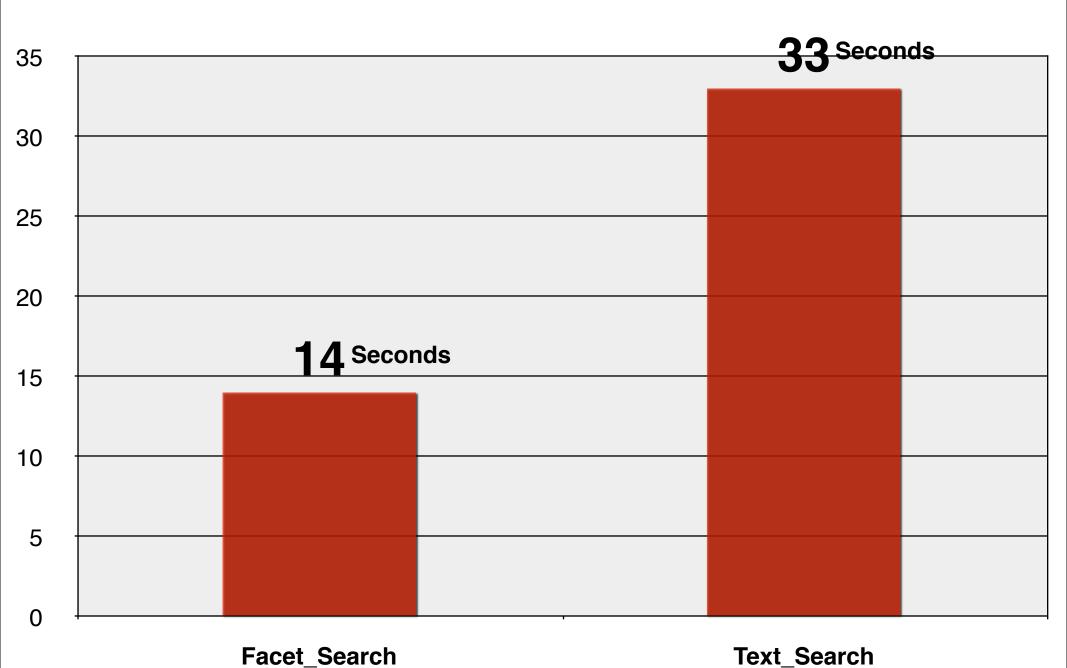- Time Between Actions: **22 seconds (1.5 minutes)**

Do people even use facets?

Facet Search	44,278 — 34%
Text Search	127,437 — 97%

Actions across a session

Action Freq By Visit Step

Which Facets?

Facet Group	% of Total
Availability	1.17
Subject-Era	1.86
Language	1.42
Subject-Region	2.89
Author	5.04
Subject-Genre	5.75
Library	8.58
Format	15.04
LCC	28.05
Subject-Topic	30.10

Time Before Action

33 Seconds

14 Seconds

Facet_Search

Text_Search

Frequent Action Sequences

Sequence	Count
(1) Text_Search (2) Switch Field	9,572
(1) Facet_Search (2) Next Page	10,858
(1) Text_Search (2) Refresh	16,361
(1) Next_Page (2) Text_Search	20,622
(1) Facet_Search (2) Text_Search	21,272
(1) Text_Search (2) Next_Page	28,093
(1) Facet_Search (2) Facet_Search	31,169
(1) Text_Search (2) Facet_Search	32,180
(1) Next_Page (2) Next_Page	75,841
(1) Text_Search (2) Text_Search	130,855

Help us design the best interface...

http://www.ils.unc.edu/~lown/examples/

- NC State University (NCSU)
- McMaster University
- Florida Center for Library Automation (FCLA)
- WorldCat
- Minnestoa (Primo)

Questions?

Comments?

Ideas?