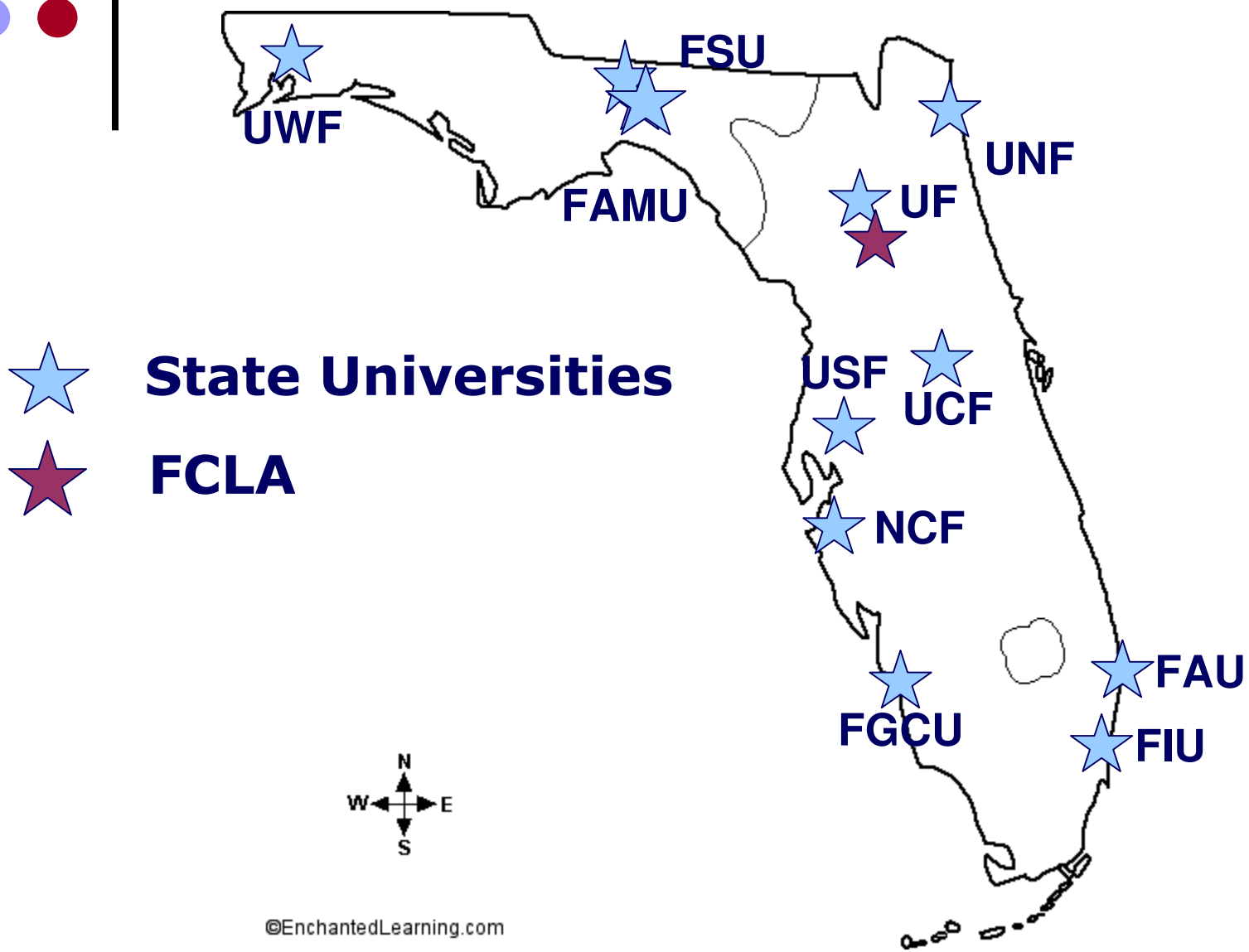
FCLA Endeca Project

By Michele Newberry
IGeLU 2007 - Brno

State University System of Florida



SUS Environment

- 11 State Universities
- 20+ years using heavily-customized NOTIS with:
  - *11 separate bib/holdings/items files*
  - *Locally-developed webOPAC*
  - *Custom designed keyword searching*
  - *Union catalog via merged indexes with links to local cataloging records*
- Migration to Aleph finished in 2006

SUS ALEPH Architecture

- 11 universities
- 11 Aleph instances
  - Bibliographic records =14 million
  - Configuration files and tables
  - Joblists and batch queues
- 11 OPAC configurations
- 1 v.15.5 OPAC config = >700 files/tables
- 4 Aleph regions *(DEV/TEST/PROD/REPT)* X 11 OPACs X 700 files = 30,800!

Current OPAC environment

- Aleph 500 v.15.5
- Heavily customized to reflect pre-implementation objectives
  - Based on familiarity of previous system
  - Includes heavy use of Javascript
  - Without full understanding of all the support implications
- Some workarounds created functional problems

Pending upgrade

- Jumping 2 releases to v.18
- None of the v.15.5 customization will survive the upgrade process
- Resources to sustain customization aren't there
- Familiarity with previous system is declining
- Upgrade process will take 4 months for the 11 Aleph instances

Other objectives

- Provide a consistent transition interface during the upgrade process
- Gain discovery and navigation functionality not currently available
- Have more control over user interface
- Gain a union catalog – a byproduct of our previous system not yet available with the current one

Why ENDECA?

- Already proven by NCSU
- Could build on NCSU's work instead of starting from ground zero
- Product features:
  - Guided navigation
  - Facets
  - Spellcheck
  - Stemming
  - Others yet to be fully explored

Endeca architecture

- One instance of Endeca
- One Endeca database
- 7 million records
- One instance of user interface with individual institution views
- Easy interface modification
- Rapid, iterative development

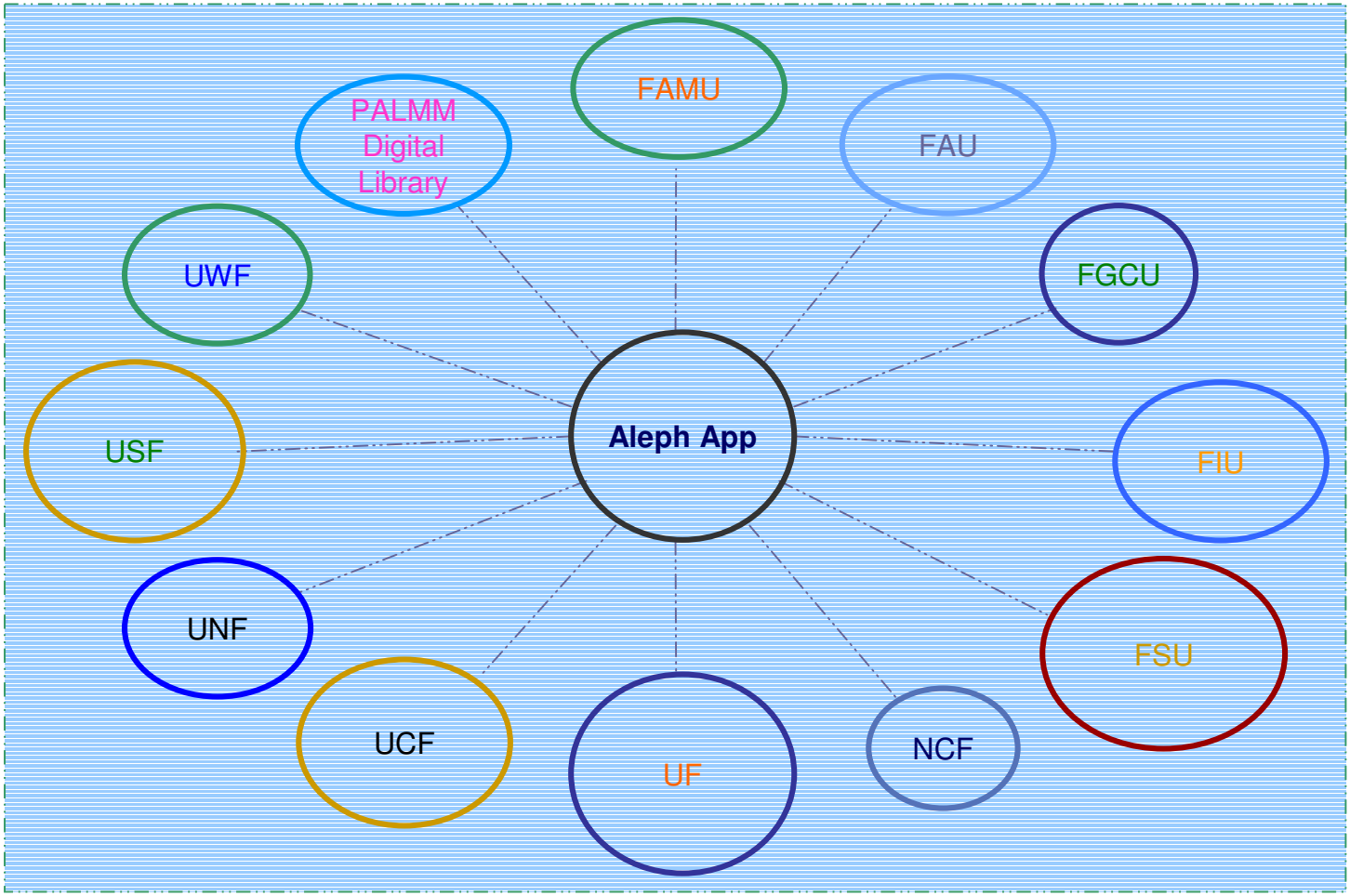
Building the Endeca File

- Extract bib records from 11 Aleph databases
- Load 1st into a 12th Aleph bib file
- Load 2nd file-deduping on OCLC number

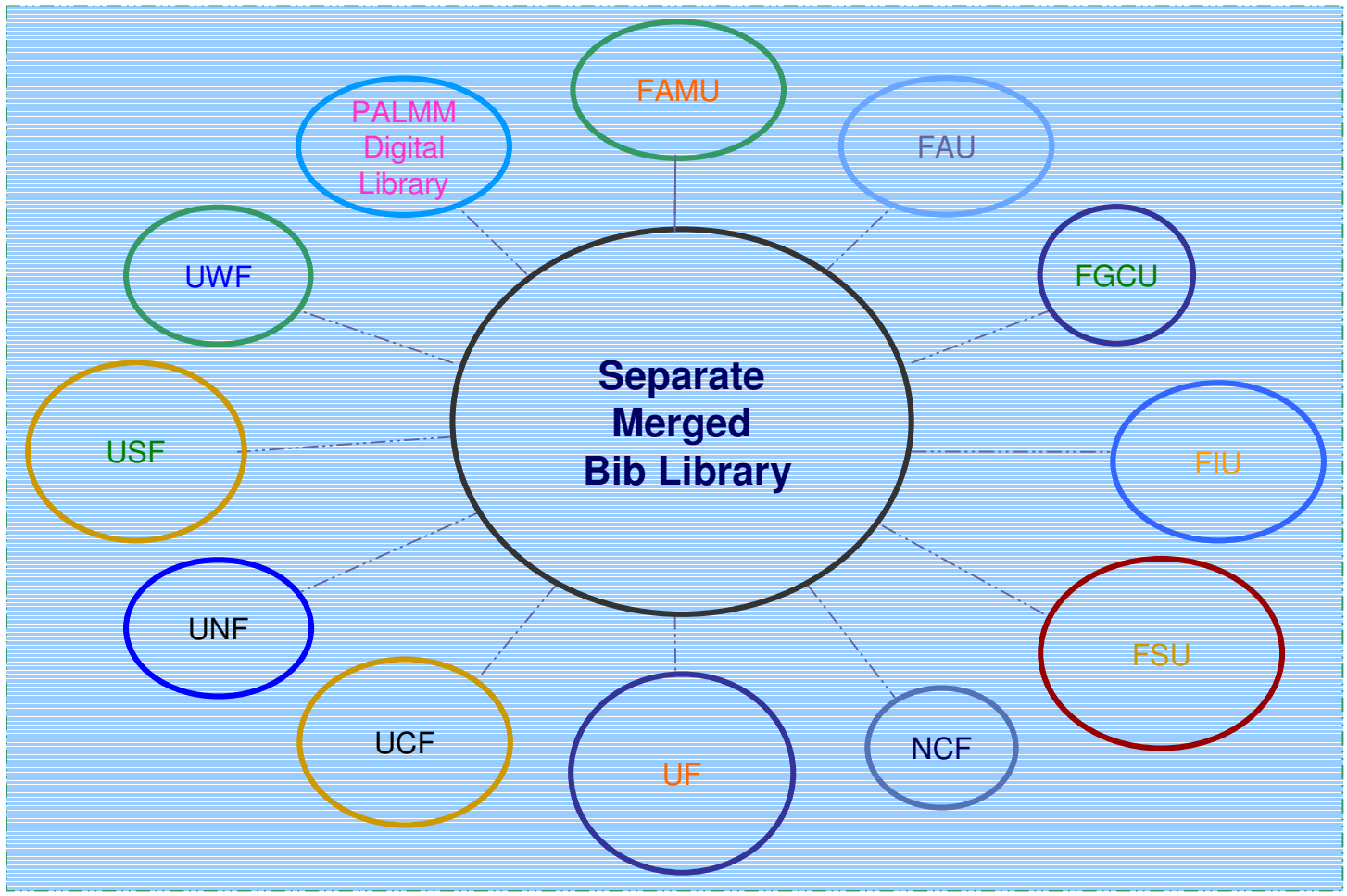
  merge unique and local data

  (e.g., call numbers/URLS/headings/notes…)
- Repeat file3 … file11
- Load Digital Library metadata
- Extract merged bib file to load into Endeca

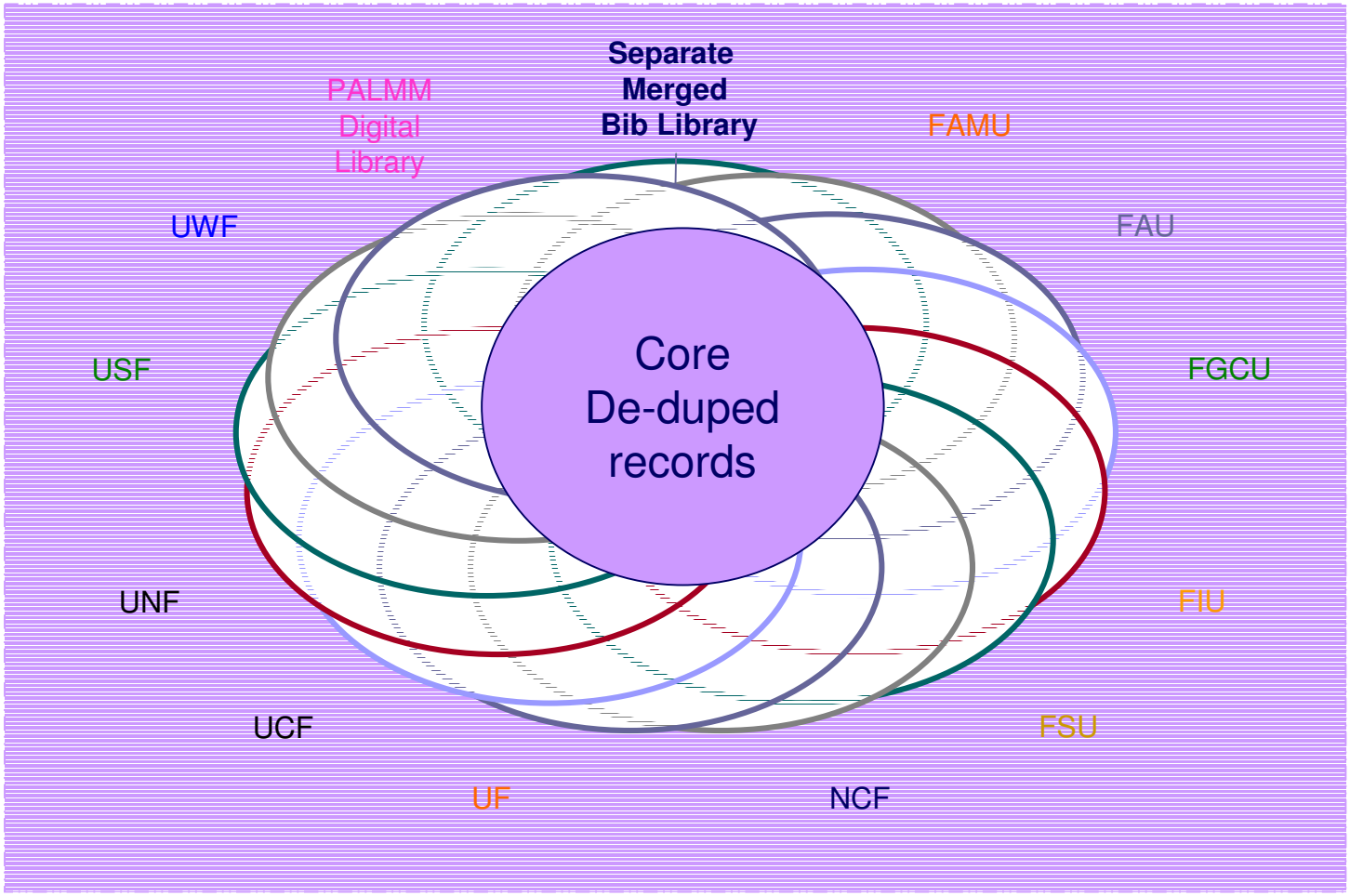
Aleph Bib Libraries



Extract and Merge Records



Extract and Merge Records



Maintaining the Endeca Catalog

- Full extraction, reformatting and load takes 48 hours – we're doing it twice a week
- Incremental updates of adds/significant changes – will be done more often
- Current holdings status retrieved from Aleph via SQL in real-time

Next steps …

- OPAC Subcommittee is examining
  - Data integrity
  - Functionality
  - Appearance
  - Usability
  - Accessibility
- CIRC/ILL Subcommittee will be looking at future SUS-wide request capabilities

Next steps …

- Technical Services Committee is looking at:
  - Aleph indexing changes for v.18 and effect on Endeca
  - Revision of material type codes for more user-friendly results
  - Processes to optimize the consistency of the bibliographic and holdings data feeding into Endeca

Much further down the road

- Libraries will need to start looking at workflow and cataloging decisions that:
  - Reduce duplication of effort
  - Share authority control
  - Redirect resources into enhancing the data
  - Reduce level of effort to produce the Endeca database

Whither PRIMO?

- Uncertainty of timetable when we started with Endeca
- Uncertainty of pricing for our large FTE and bib record count
- Uncertainty of viability for our union catalog objective

BUT

- Still being watched for its potential – we aren't married to Endeca, just dating

READY … FIRE … AIM!!!

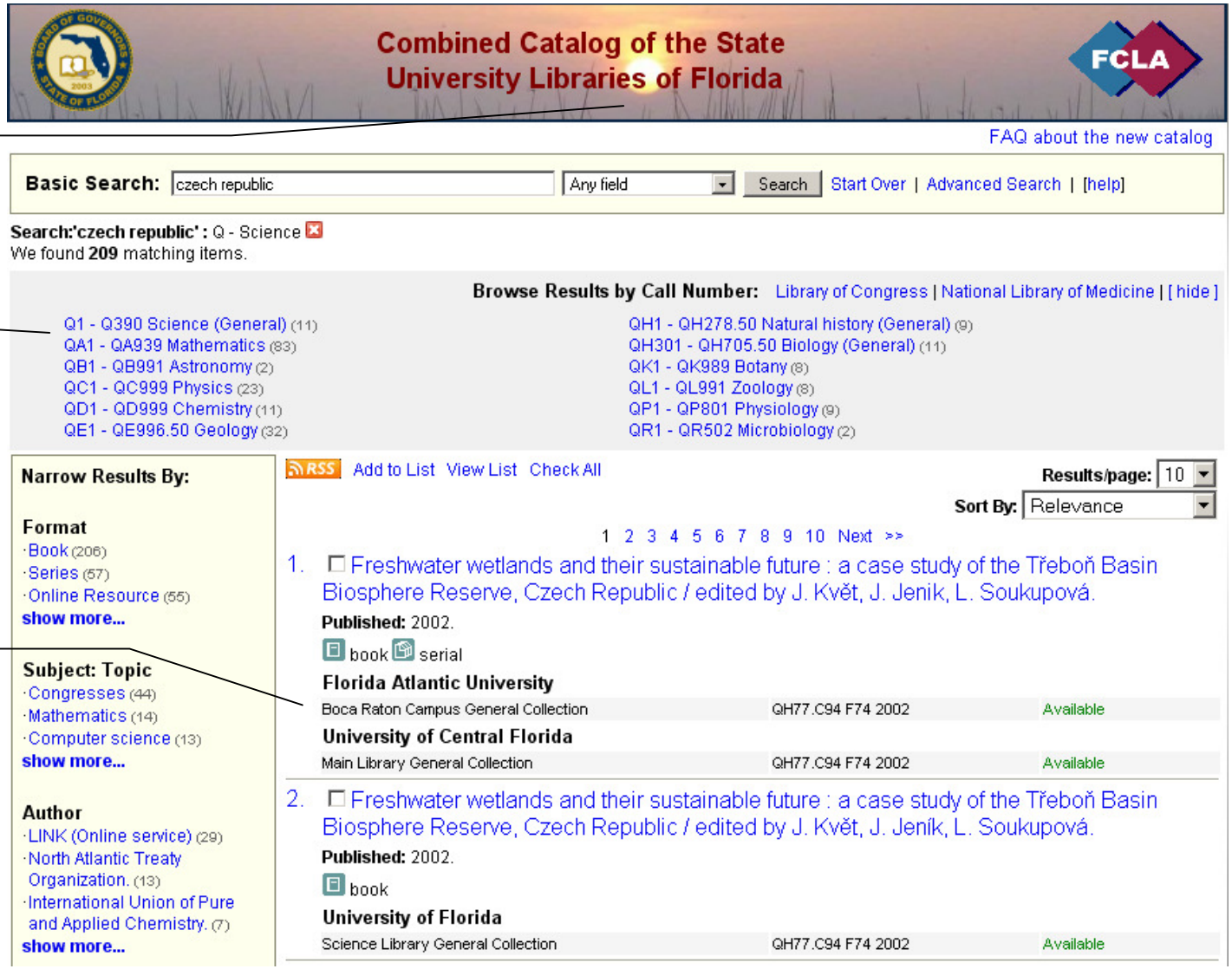
- http://catalog.fcla.edu
  - http://famu.catalog.fcla.edu
  - http://fau.catalog.fcla.edu
  - http://fgcu.catalog.fcla.edu
  - http://fiu.catalog.fcla.edu
  - http://fsu.catalog.fcla.edu
  - http://ncf.catalog.fcla.edu
  - http://ucf.catalog.fcla.edu
  - http://uf.catalog.fcla.edu
  - http://unf.catalog.fcla.edu
  - http://usf.catalog.fcla.edu
  - http://uwf.catalog.fcla.edu

Union Catalog

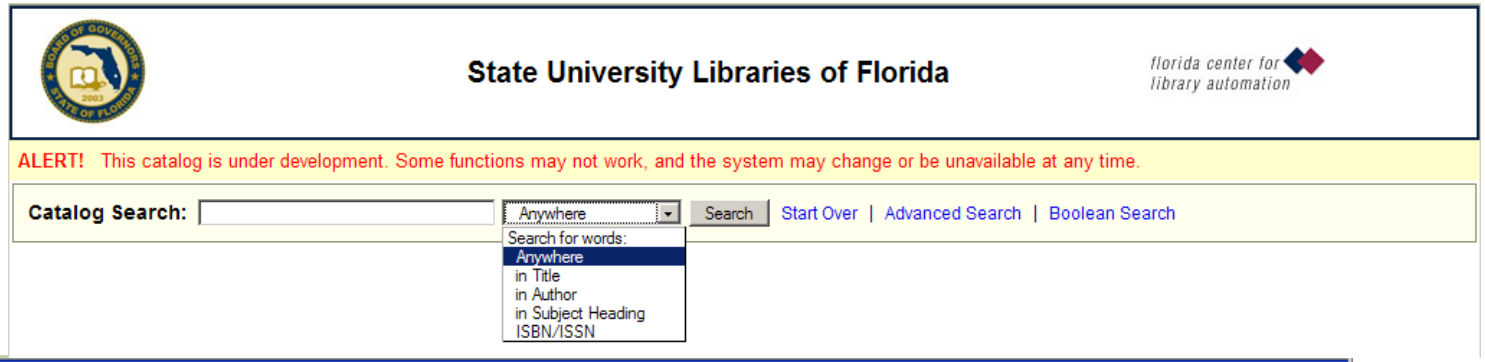
Unique Header

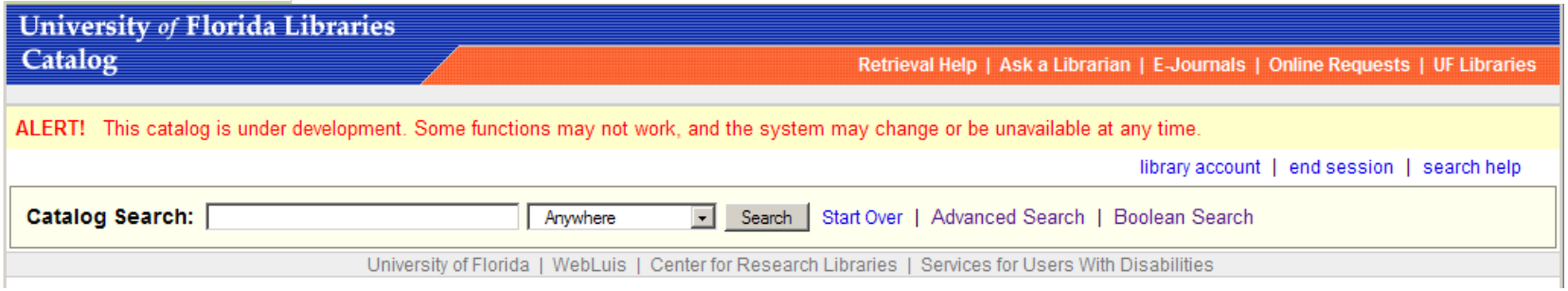
Aggregate LC Schedule

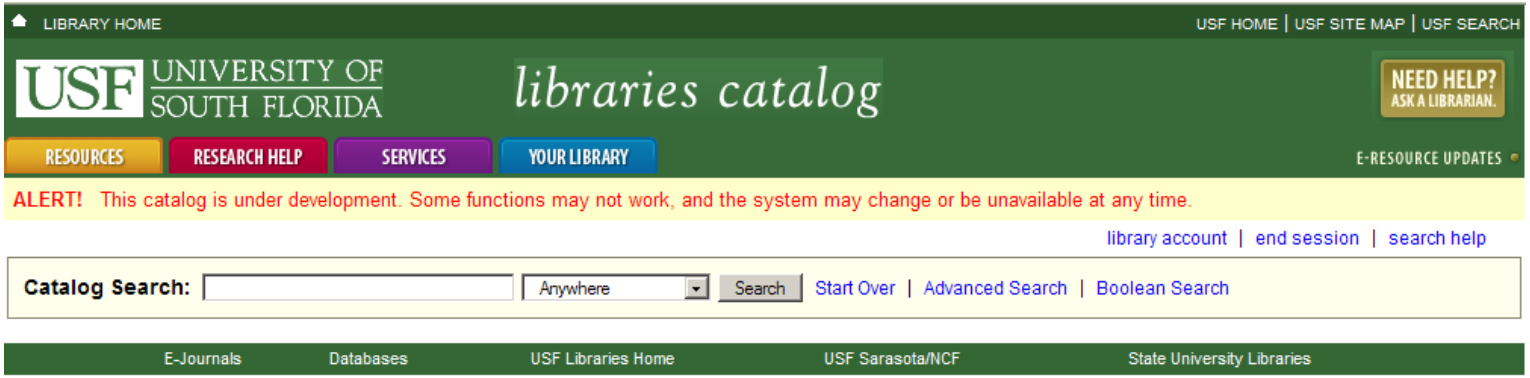
Holdings For Multiple Libraries



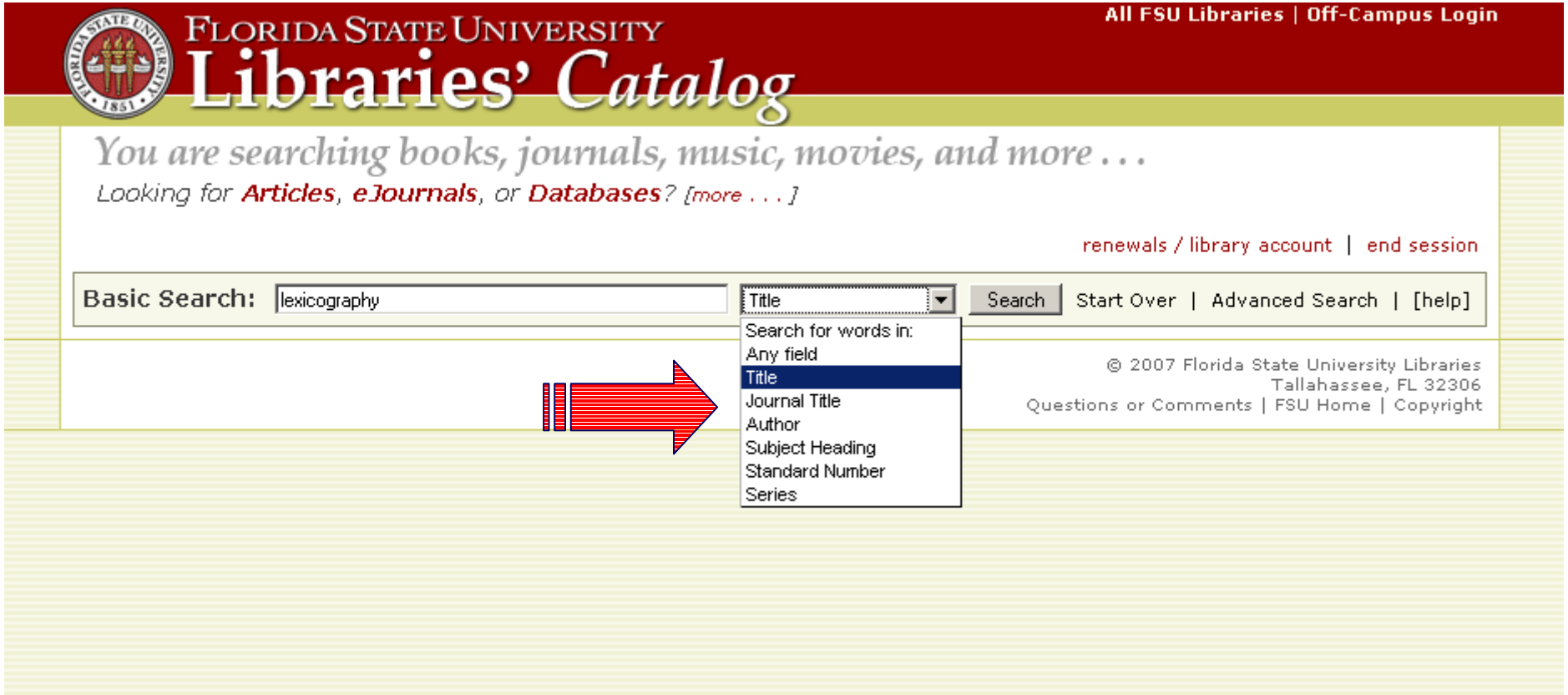
Basic Search



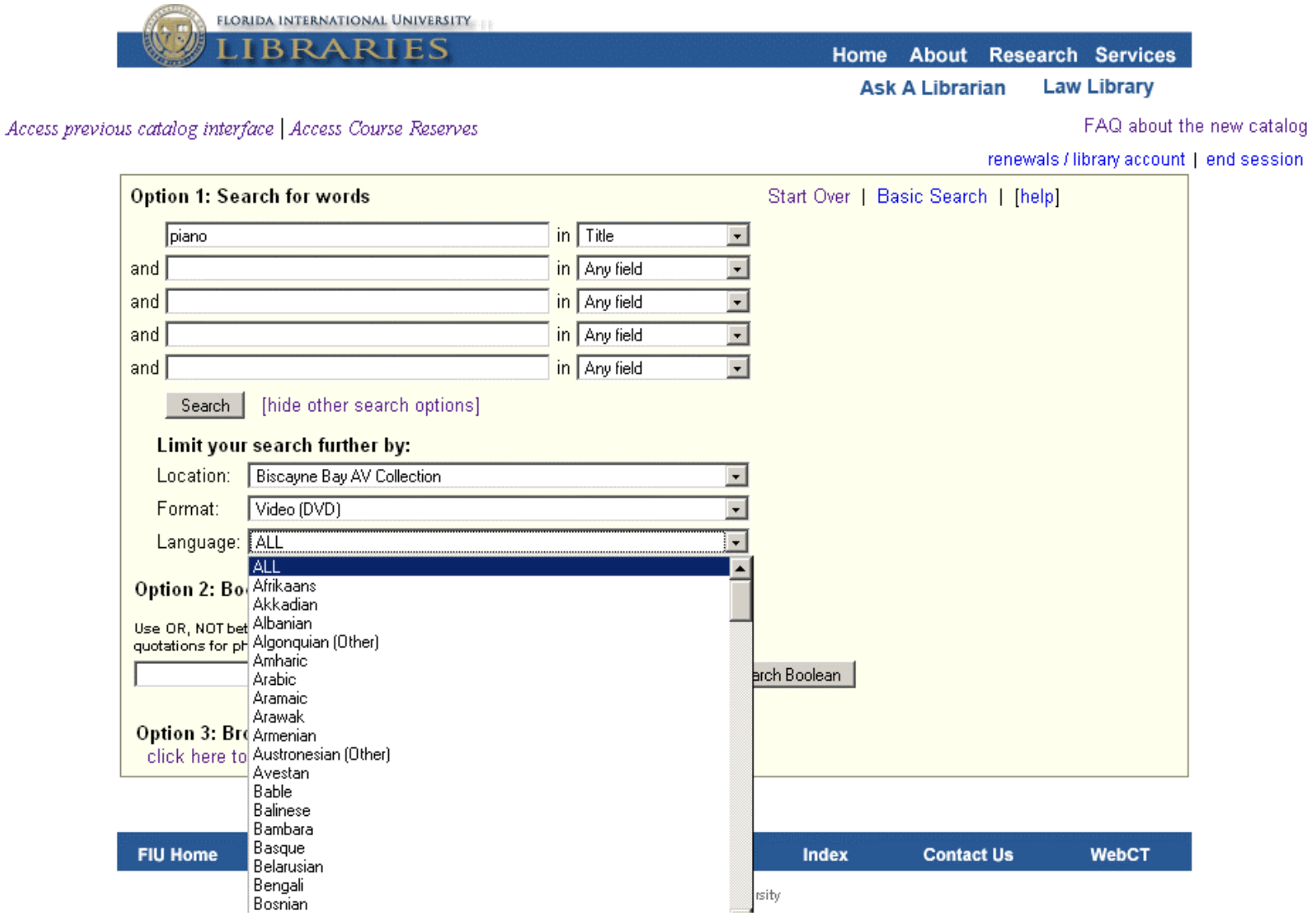




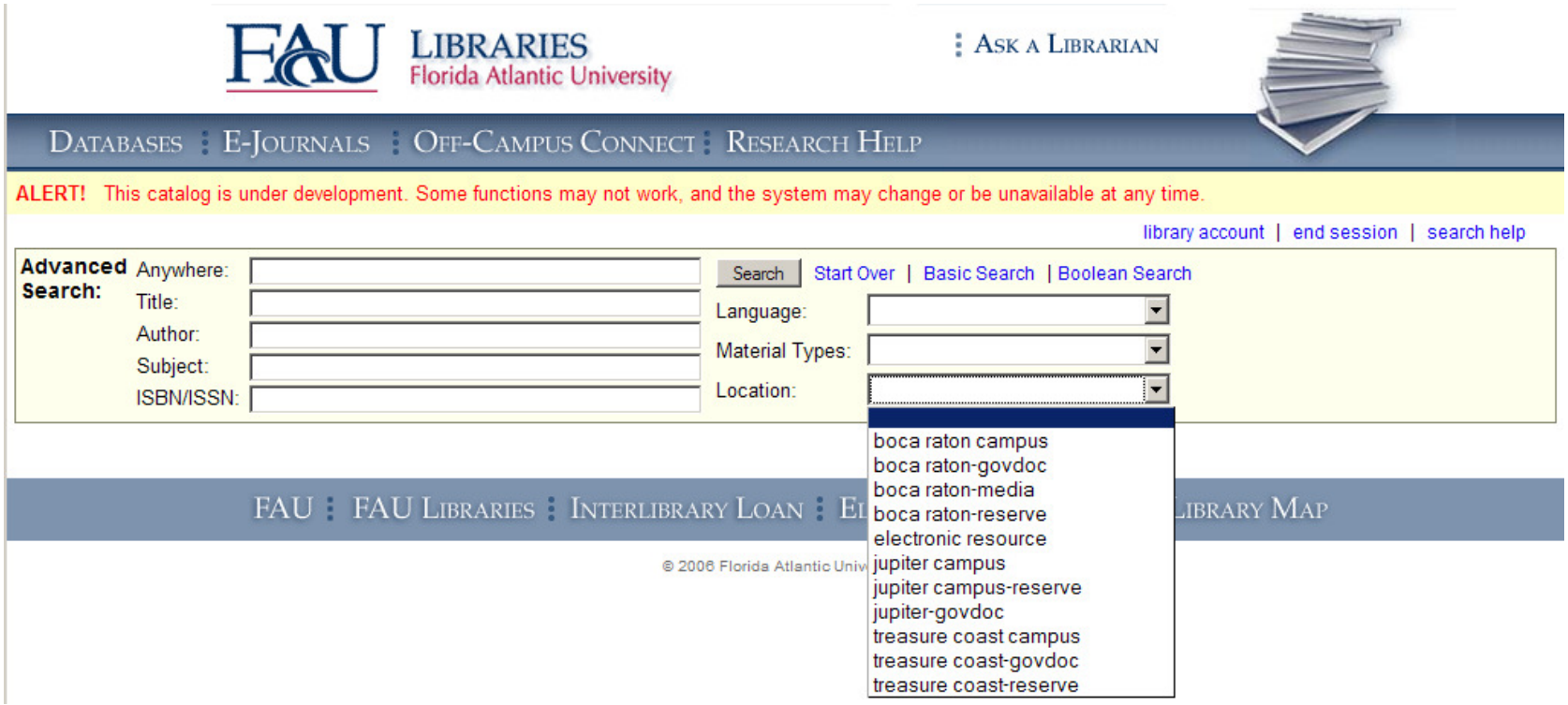
Search and Navigation



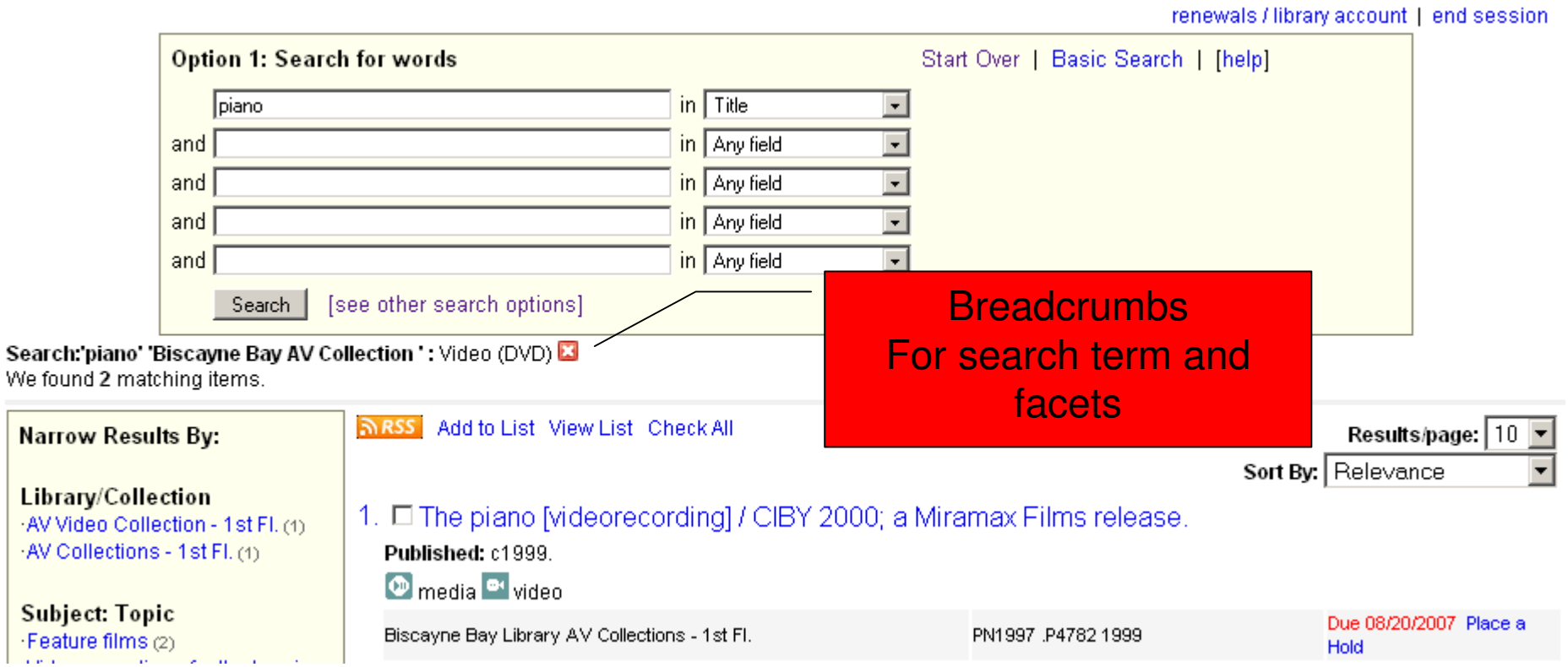
Advanced Search



Advanced Search

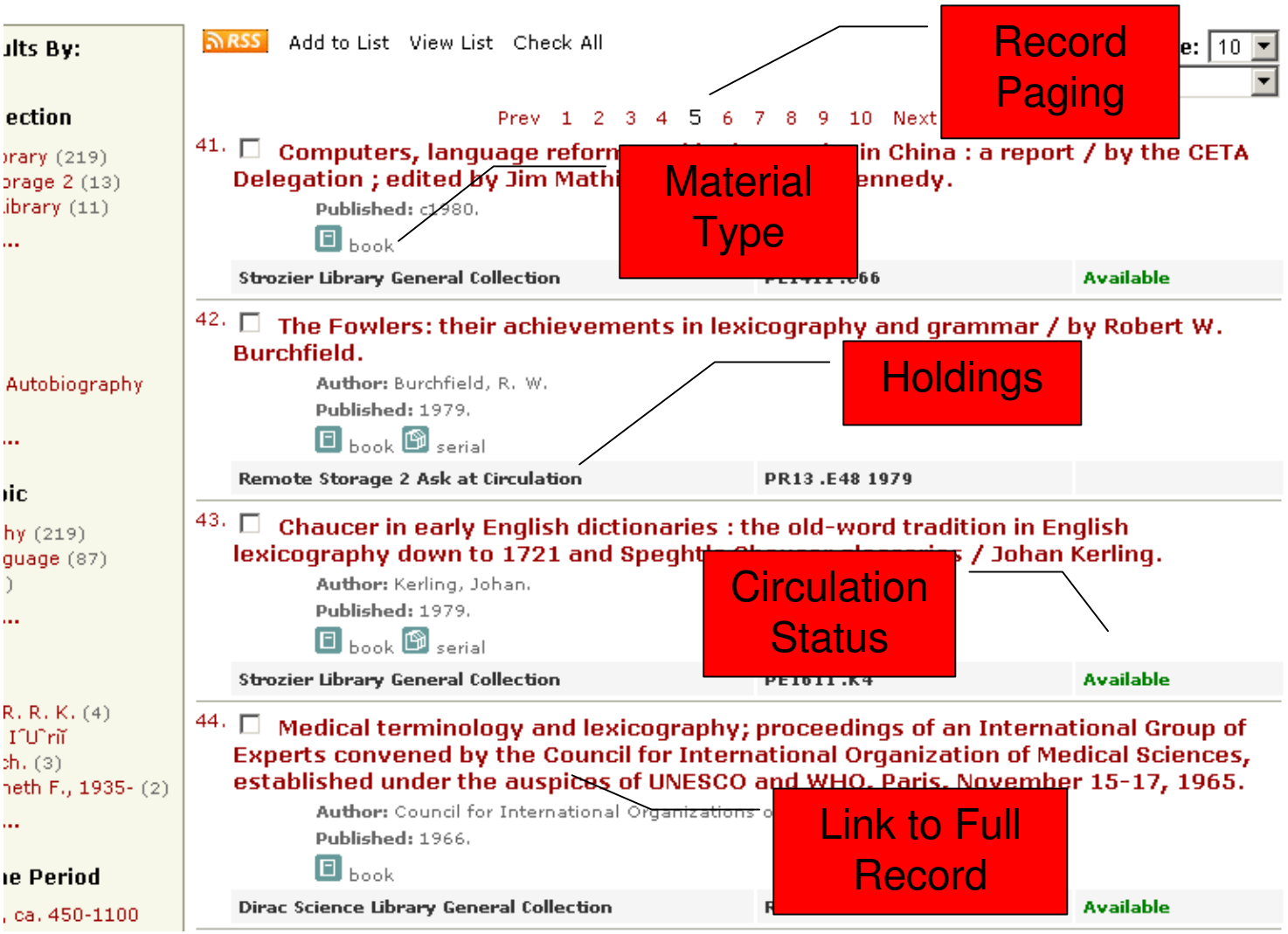


Advanced Options

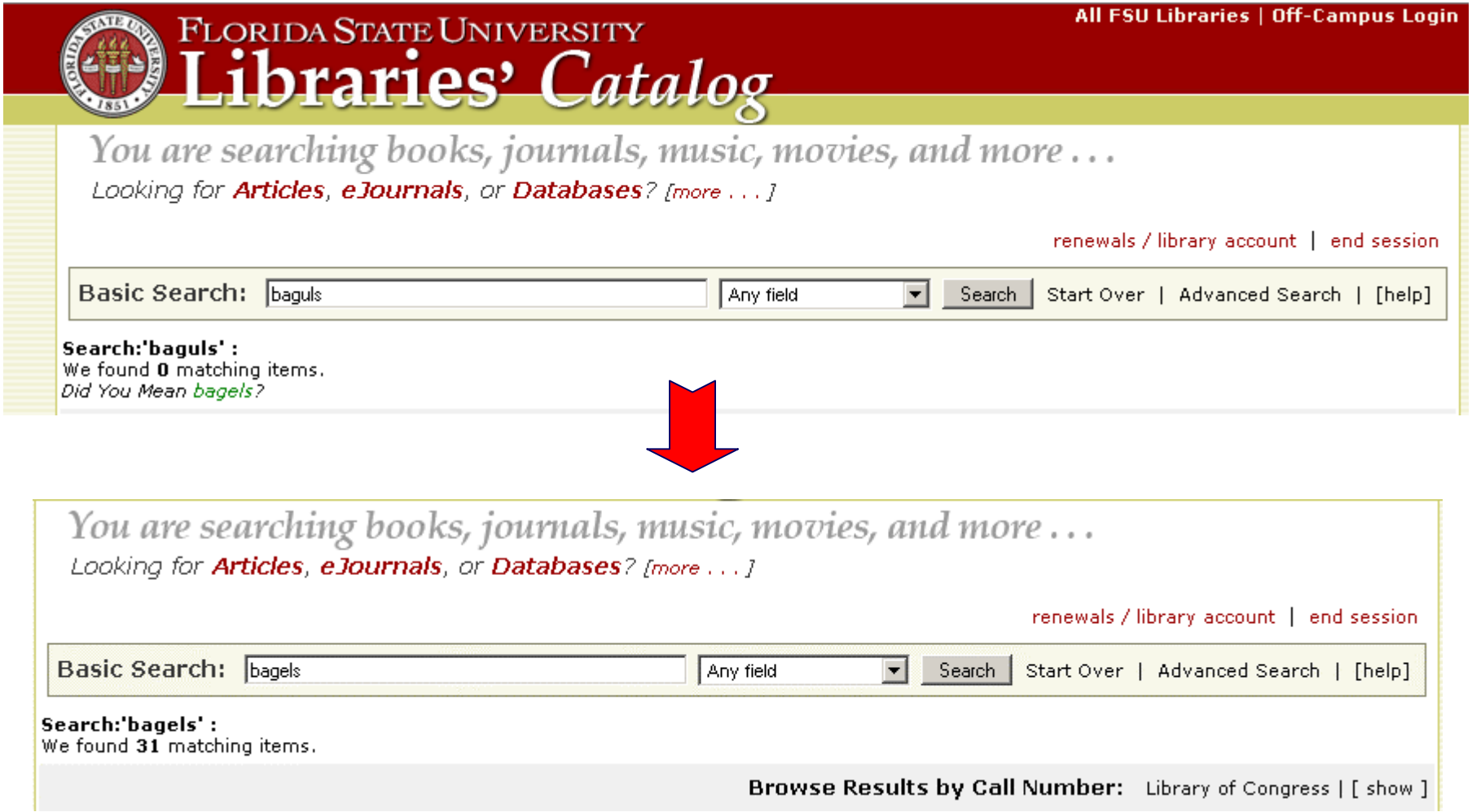


FLORIDA STATE UNIVERSITY
Libraries' Catalog
All FSU Libraries | Off-Campus Login
You are searching books, journals, music, movies, and more . . .
Looking for Articles, eJournals, or Databases? [more . . .]
renewals / library account | end session
Basic Search: lexicography
Title
Search
Start Over | Advanced Search | [help]
Search:'lexicography' :
We found 60 matching items.
Browse Results by Call Number: Library of Congress | [hide]
A - General Works (1)
B - Philosophy. Psychology. Religion (1)
G - Geography. Anthropology. Recreation (3)
M - Music (1)
P - Language and literature (52)
R - Medicine (1)
Narrow Results By:
Library/Collection
Strozier Library (52)
Remote Storage 2 (3)
Electronic Resource (2)
show more...
Format
Book (60)
Series (13)
show more...
Subject: Topic
Lexicography (46)
English language (16)
Congresses (7)
show more...
Author
Hartmann, R. R. K. (4)
Landau, Sidney I. (3)
NetLibrary, Inc. (2)
show more...
Subject: Time Period
RSS
Add to List
View List
Check All
Results/page: 10
Sort By: Relevance
Relevance
Call Number A-Z
Author A-Z
Pub Date (newest)
Pub Date (oldest)
Title A-Z
1 2 3 4 5 6 Next
1. Lexicography [by] R.W. Chapman.
Author: Chapman, R. W. (Robert William), 1881-1960.
Published: 1948.
book
Strozier Library General Collection
PE1611 .C48
Available
2. Systematic lexicography / Juri Apresjan ; translated by Kevin Windle.
Author: Apresi^a^n, I^U^rii Derenikovich.
Published: 2000.
book
Strozier Library General Collection
PG2611 .A67 2000
Available
3. Septuagintal lexicography / edited by Robert A. Kraft for the International Organization for Septuagint and Cognate Studies and the Society of Biblical Literature Seminar on Lexicography, 1972.
Author: Kraft, Robert A.
Published: 1975.
book
serial
Strozier Library General Collection
PA781 .K7 1975
Available
4. Computer corpus lexicography [computer file] / Vincent B.Y. Ooi.
Author: Ooi, Vincent, B. Y.
Published: c1998.
book
online

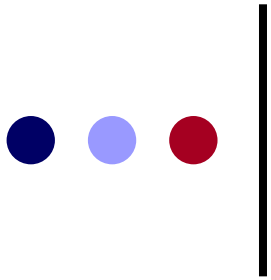
Result Features



Spelling Correction



A Closer Look at Facets



Library/Collection
- Architecture/Fine Arts Library (250)
- Division OF Plant Industry (1)
- Education Library (936)
- HSC Library, Reserves (1)
- Harn Museum Bishop Study Ctr (1)
- Health Science Center Library (214)
- IFAS Centers (14)
- Institute of Black Culture (8)
- Jacksonville UFHSCL (24)
- Journalism Library (37)
- Legal Information Center (1,000+)
- Library West (135)
- Library West (1,000+)
- Library West, Judaica Library (106)
- Map and Imagery Library (61)
- Mead Library (49)
- Music Library (50)
- Nuclear and Radiological Engr. (5)
- Online (1,000+)
- Request Retrieval (362)
- Science Library (512)
- Science Library, Documents (1,000+)
- Smathers, Latin America (222)
- Smathers, Special Collections (199)
- UF Online Dissertations (132)
- Vet Med Reading Room (4)

show less...

Format
- 2D Nonprojectable Graphic (42)
- Analytic (1)
- Archival Control (4)
- Biography, Autobiography (316)
- Book (1,000+)
- Braille (2)
- CD (2)
- Collection (3)
- Fiction (127)
- Film (1)
- Govt Publication (1,000+)
- Integrating Resource (3)
- Journal (75)
- Kit (1)
- LP (1)
- Looseleaf (1)
- Manuscript (22)
- Map (63)
- Media (112)
- Microform (1,000+)
- Mixed Material (3)
- Music (4)
- Musical Score (1)
- Online Resource (1,000+)
- Projected Medium (70)
- Serial (366)
- Series (1,000+)
- Sound Recording (4)
- Video (Beta) (1)
- Video (DVD) (17)
- Video (Laserdisc) (1)
- Video (VHS) (43)
- Video (all formats) (69)

show less...

Subject: Topic
- History (711)
- Law and legislation (806)
- United States (1,000+)

show more...

Subject: Time Period
- 18th century (39)
- 20e siècle (5)
- 20th century (300)

show more...

Subject: Geographic Area
- Florida (180)
- Great Britain (168)
- United States (1,000+)

show more...

Medical Subject: Topic
- drug therapy (3)
- prevention & control (25)
- therapeutic use (4)

show more...

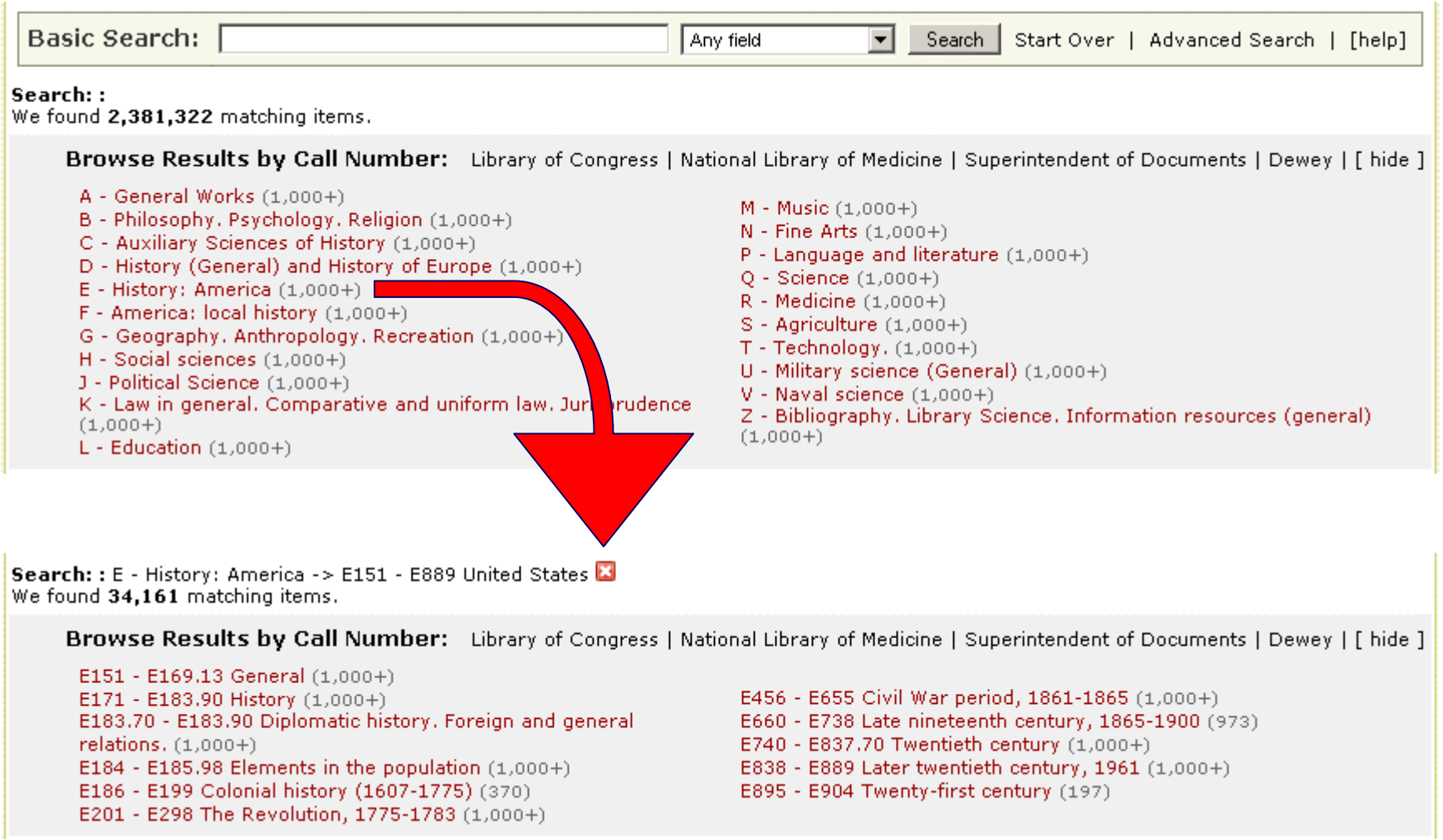
Subject: Genre
- Congresses (352)
- Electronic books (420)
- Periodicals (202)

show more...

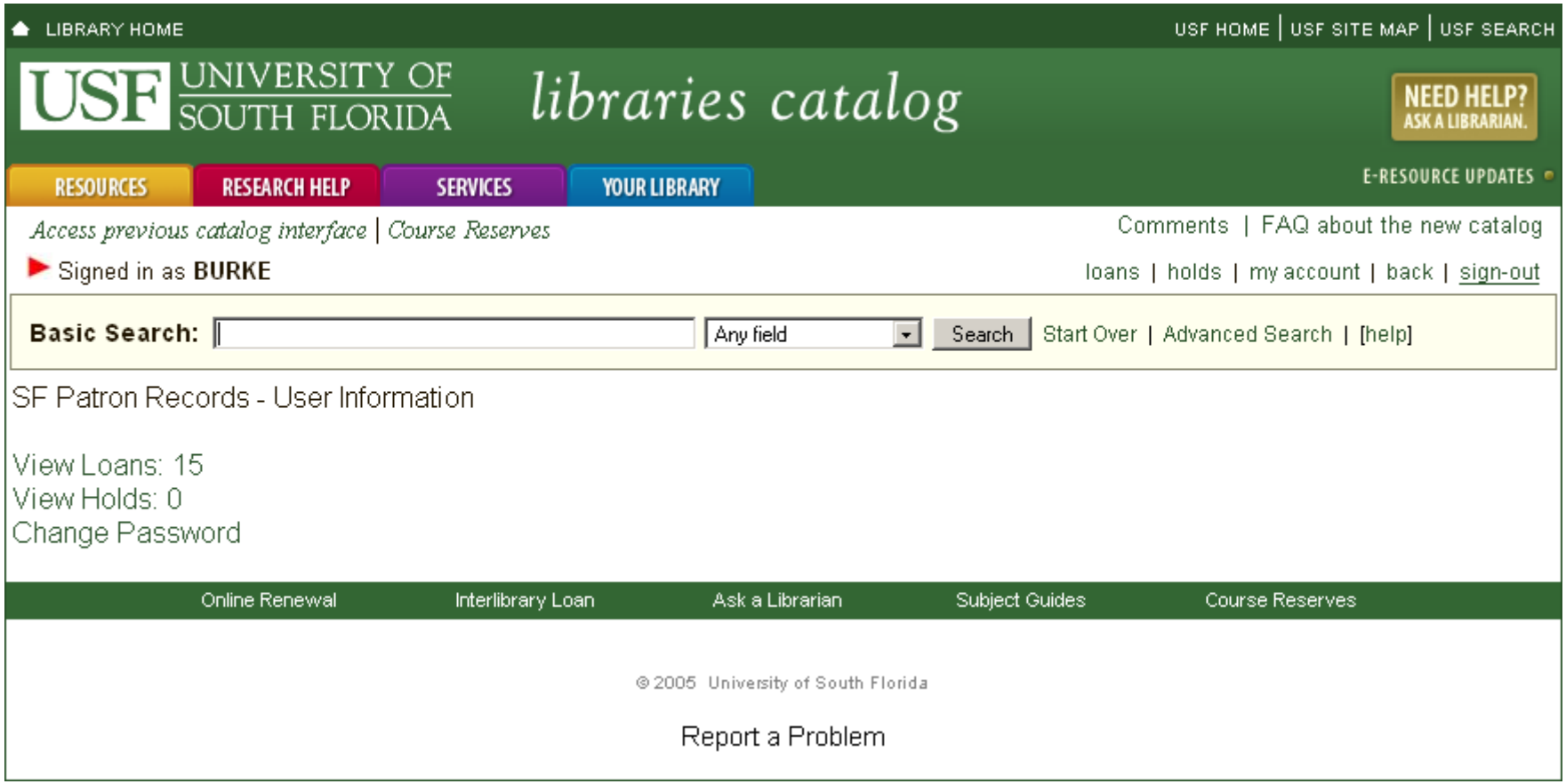
Language
- Arabic (1,000+)
- Central American Indian (Other) (40)
- Chinese (1,000+)
- Croatian (196)
- Czech (1,000+)
- Danish (1,000+)
- Dutch (1,000+)
- English (1,000+)
- Estonian (421)
- French (1,000+)
- German (1,000+)
- Greek, Ancient (to 1453) (910)
- Greek, Modern (1453-) (1,000+)
- Haitian French Creole (76)
- Hebrew (1,000+)
- Hungarian (540)
- Icelandic (670)
- Italian (1,000+)
- Japanese (1,000+)
- Latin (1,000+)
- Multiple languages (1,000+)
- Norwegian (943)
- Polish (1,000+)
- Portuguese (1,000+)
- Romance (Other) (708)
- Romanian (702)
- Russian (1,000+)
- Shona (32)
- Slovak (108)
- Spanish (1,000+)
- Swahili (678)
- Swedish (1,000+)
- Turkish (1,000+)
- Yiddish (1,000+)
- Yoruba (679)

show less...

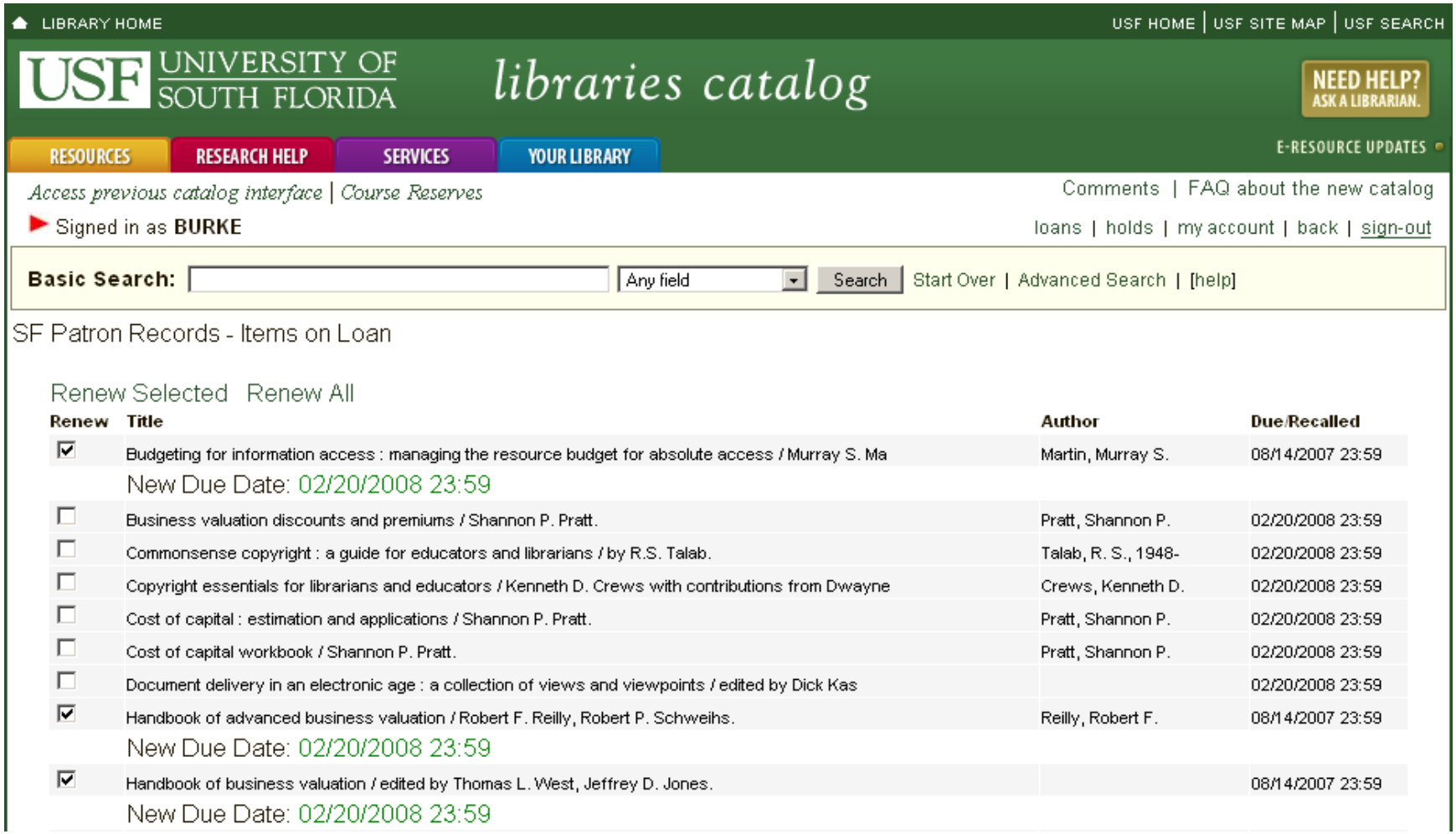
More Facets


Basic Search:
Any field
Search
Start Over | Advanced Search | [help]
Search: :
We found 2,381,322 matching items.
Browse Results by Call Number: Library of Congress | National Library of Medicine | Superintendent of Documents | Dewey | [hide]
A - General Works (1,000+)
B - Philosophy. Psychology. Religion (1,000+)
C - Auxiliary Sciences of History (1,000+)
D - History (General) and History of Europe (1,000+)
E - History: America (1,000+)
F - America: local history (1,000+)
G - Geography. Anthropology. Recreation (1,000+)
H - Social sciences (1,000+)
J - Political Science (1,000+)
K - Law in general. Comparative and uniform law. Jurisprudence (1,000+)
L - Education (1,000+)
M - Music (1,000+)
N - Fine Arts (1,000+)
P - Language and literature (1,000+)
Q - Science (1,000+)
R - Medicine (1,000+)
S - Agriculture (1,000+)
T - Technology. (1,000+)
U - Military science (General) (1,000+)
V - Naval science (1,000+)
Z - Bibliography. Library Science. Information resources (general) (1,000+)
Search: : E - History: America -> E151 - E889 United States
We found 34,161 matching items.
Browse Results by Call Number: Library of Congress | National Library of Medicine | Superintendent of Documents | Dewey | [hide]
E151 - E169.13 General (1,000+)
E171 - E183.90 History (1,000+)
E183.70 - E183.90 Diplomatic history. Foreign and general relations. (1,000+)
E184 - E185.98 Elements in the population (1,000+)
E186 - E199 Colonial history (1607-1775) (370)
E201 - E298 The Revolution, 1775-1783 (1,000+)
E456 - E655 Civil War period, 1861-1865 (1,000+)
E660 - E738 Late nineteenth century, 1865-1900 (973)
E740 - E837.70 Twentieth century (1,000+)
E838 - E889 Later twentieth century, 1961 (1,000+)
E895 - E904 Twenty-first century (197)

Patron Empowerment



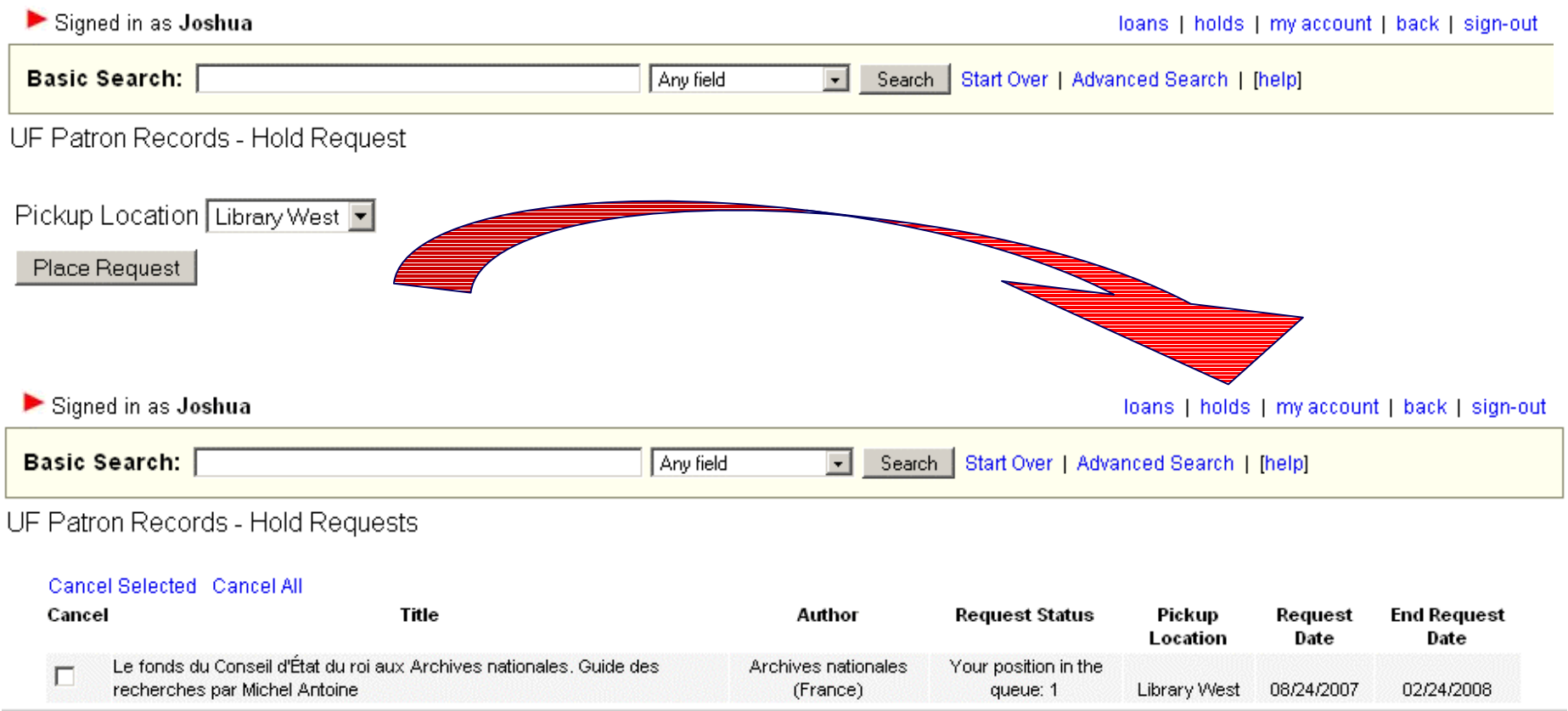
Patron Empowerment



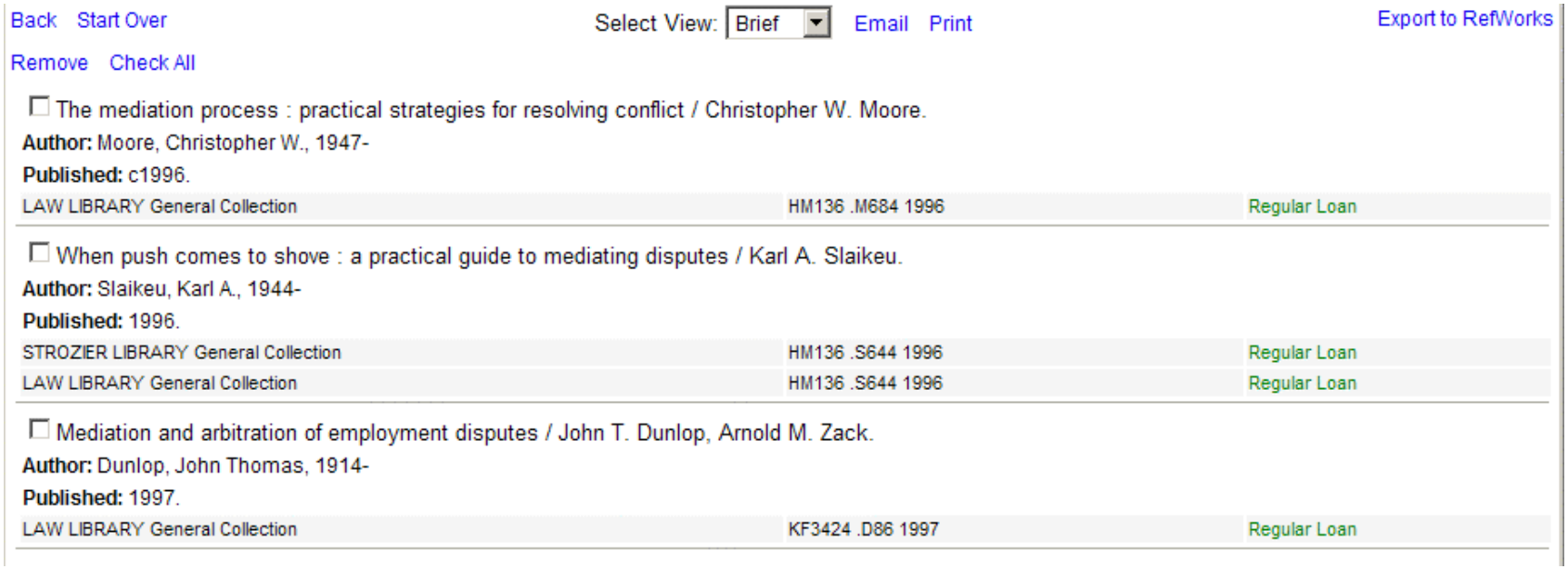
Renew	Title	Author	Due/Recalled
☑	Budgeting for information access : managing the resource budget for absolute access / Murray S. Ma	Martin, Murray S.	08/14/2007 23:59
	New Due Date: 02/20/2008 23:59		
☐	Business valuation discounts and premiums / Shannon P. Pratt.	Pratt, Shannon P.	02/20/2008 23:59
☐	Commonsense copyright : a guide for educators and librarians / by R.S. Talab.	Talab, R. S., 1948-	02/20/2008 23:59
☐	Copyright essentials for librarians and educators / Kenneth D. Crews with contributions from Dwayne	Crews, Kenneth D.	02/20/2008 23:59
☐	Cost of capital : estimation and applications / Shannon P. Pratt.	Pratt, Shannon P.	02/20/2008 23:59
☐	Cost of capital workbook / Shannon P. Pratt.	Pratt, Shannon P.	02/20/2008 23:59
☐	Document delivery in an electronic age : a collection of views and viewpoints / edited by Dick Kas		02/20/2008 23:59
☑	Handbook of advanced business valuation / Robert F. Reilly, Robert P. Schweihs.	Reilly, Robert F.	08/14/2007 23:59
	New Due Date: 02/20/2008 23:59		
☑	Handbook of business valuation / edited by Thomas L. West, Jeffrey D. Jones.		08/14/2007 23:59
	New Due Date: 02/20/2008 23:59		

Hold Requests

Hold Requests



Export Options



The beginning ...

- Endeca went into production mid-August
- Refinements continue to be made to:
  - Merging/de-duping process
  - Indexing
  - Display
- Assessment of other content is ongoing

Contacts

- General
  - Michele Newberry - fclmin@ufl.edu
- Development
  - Gerald Snyder - gsnyder@ufl.edu
- User Interface
  - Josh Greben - jgreben@ufl.edu
- Union Catalog
  - http://catalog.fcla.edu