Advanced Search

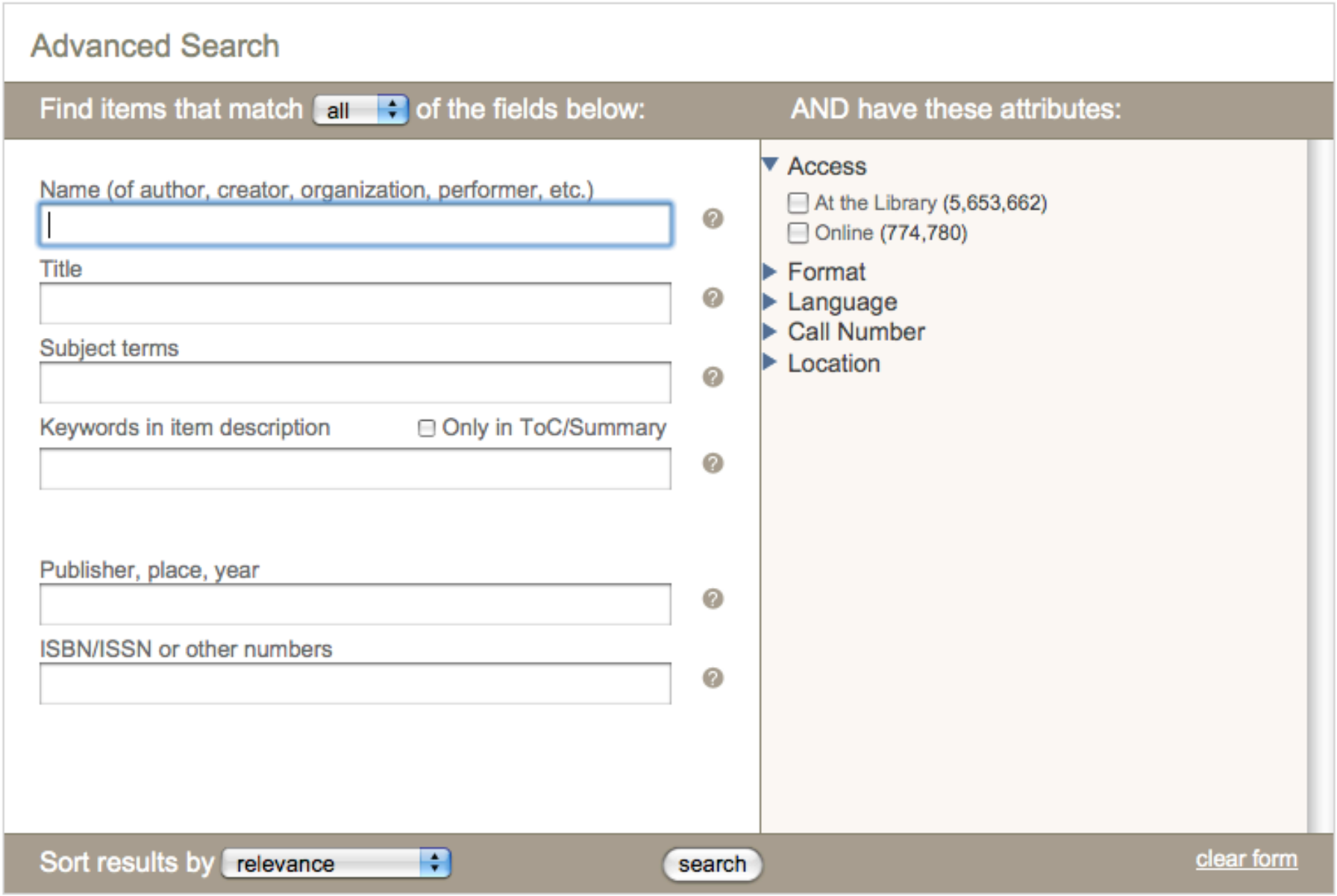
Naomi Dushay & Jessie Keck

(& Jennifer Vine)

Stanford University

LIBRARIES & ACADEMIC INFORMATION RESOURCES

http://searchworks.stanford.edu/advanced



“Is there no "advanced search," no way to search multiple fields at once, e.g. author and title? That seems incredible. Am I missing something obvious?”

“The faceted searching is nice but if I want to limit my results via my search query, I cannot because there is no "advanced" search .. I will have to enter my search term and then wait for the results to appear before being able to refine the search by clicking on the links that appear to the left of the results. “

“When are we going to get "advanced searching”? Faculty and graduate students need that and I am sure some undergrads would appreciate it too”

“The faceted searching is nice but if I want to limit my results via my search query, I cannot because there is no "advanced" search ... I will have to enter my search term and then wait for the results to appear before being able to refine the search by clicking on the links that appear to the left of the results. “

“Sometimes we need that kind of precision searching as a starting point. I find that I can enter an author and a title and get a good result in this version, but what about other limits on the first entry, such as dates or formats. I would prefer to get a list of hits with previously set limits, rather than setting/focusing the limits after the initial search.”

Author + Title

“I would like to see combined searching feature so that I can specify the author and title.”

Author + Title

Search: mozart sonata 21

http://www.gearpipe.com/i/Mozart.jpg

1. Mozart [sound recording]

Title:	Selections
Author/Creator:	Mozart, Wolfgang Amadeus, 1756-1791.
Published:	2005
At the Library:	✔ Music » Recordings » **MCD 10573**
Format:	Music - Recording

2. The Mozart piano sonatas, vol. II [sound recording]

Title:	Sonatas, piano. Selections
Author/Creator:	Mozart, Wolfgang Amadeus, 1756-1791.
Published:	1969
At the Library:	SAL3 » Paging restricted to Music or Green Media-Microtext » **MD 15**
Format:	Music - Recording

3. Mozart, Elgar [sound recording].

Author/Creator:	Sammons, Albert, 1886-1957.
Published:	2003
At the Library:	✔ Music » Recordings » **MCD 17517**
Format:	Music - Recording

4. The secret Mozart [sound recording] : works for clavichord

Title:	Piano music. Selections
Author/Creator:	Mozart, Wolfgang Amadeus, 1756-1791.
Published:	2006
At the Library:	✔ Music » Recordings » **MCD 13136**
Format:	Music - Recording

5. Sonata XIV.

Title:	Sonatas, piano, K. 310, A minor
Author/Creator:	Mozart, Wolfgang Amadeus, 1756-1791.
Published:	1918
At the Library:	✔ Music » Box Collection » **M23 .M**

Personal Name

Art cataloging practices are inconsistent: personal name can be author, subject, added author …

Subject

Subjects

- Di Matteo, Gabriele, 1957- > Exhibitions.
- Pollock, Jackson, 1912-1956 > Portraits > Exhibitions.
- Artists' books > Exhibitions.

Browse around
ND623 .D535 A4 2009

« Browse left

Michele Desubleo Cottino, Alberto ND623 .D5 A4 2001 F Art	(2001)
Bartolomeo di Giovanni ND623 .D53 A4 2004 F Art	(2004)
Jackson Pollock Di Matteo, Gabriele, 1957- ND623 .D535 A4 2009 Art	(2009)
Giuseppe Diamantini Ciacci, Fabiana ND623 .D5457 C53 2008 Art	(2008)
Dinetto ND623 .D55 A4 2007 F Green	(2007)

Browse right »

#1 of 1 Cite This Send to...

Jackson Pollock / Gabriele Di Matteo.

AT THE LIBRARY

Art - Stacks

✔ ND623 .D535 A4 2009

OTHER LIBRARIES

Find it at other libraries via WorldCat

RELATED E-RESOURCES

More about this book at Google Books

Author/Creator:	Di Matteo, Gabriele, 1957-
Published:	Milano ; New York City : Charta, c2009.
Format:	Book
Physical Desc.:	333 p. : ill. ; 28 cm.
Language:	French English Italian
Language:	Texts in French, English, and Italian.
ISBN:	888158719X 9788881587193
Note:	Catalog of an exhibition at Federico Luger Gallery, Milan, Jan. 21-Apr. 19, 2009. "The specular, disjointed, confusedly-reassembled and unrecognizable texts are part of Gabriele Di Matteo's work"--P. [4] of cover.
Bibliography:	Includes bibliographical references.

TECH DETAILS

- Catkey: 8325258
- Compare in Socrates
- Librarian View

Author & Subject

Subjects

- Pollock, Jackson, 1912-1956 > Exhibitions.
- Indian art > North America > Exhibitions.
- Shamanism in art > Exhibitions.

Browse around
N6537 .P57 A4 2008

« Browse left

Adrian Piper and Carl Pope (1992)
Piper, Adrian, 1948-
N6537 .P55 H5 1992
Art

Jackson Pollock (1992)
Pollock, Jackson, 1912-1956
N6537.P57 A4 1992
Art

Jackson Pollock et le chamanisme (2008)
Pollock, Jackson, 1912-1956
N6537 .P57 A4 2008
Art

Jackson Pollock and Lee Krasner (2007)
Engelmann, Ines
N6537 .P57 E54 2007
Art

Jackson Pollock

Browse right »

#1 of 1 | Cite This | Send to...

Jackson Pollock et le chamanisme / direction, Marc Restellini ; assisté de Hélène Desmazières ; commissaire scientifique de l'exposition, Stephen Polcari ; les auteurs, Mickie Klein ... [et al.] ; traduction et adaptation, Maïca Sanconi, Martine Desoille.

AT THE LIBRARY

Art - Stacks

✔ N6537 .P57 A4 2008

OTHER LIBRARIES

Find it at other libraries via WorldCat

RELATED E-RESOURCES

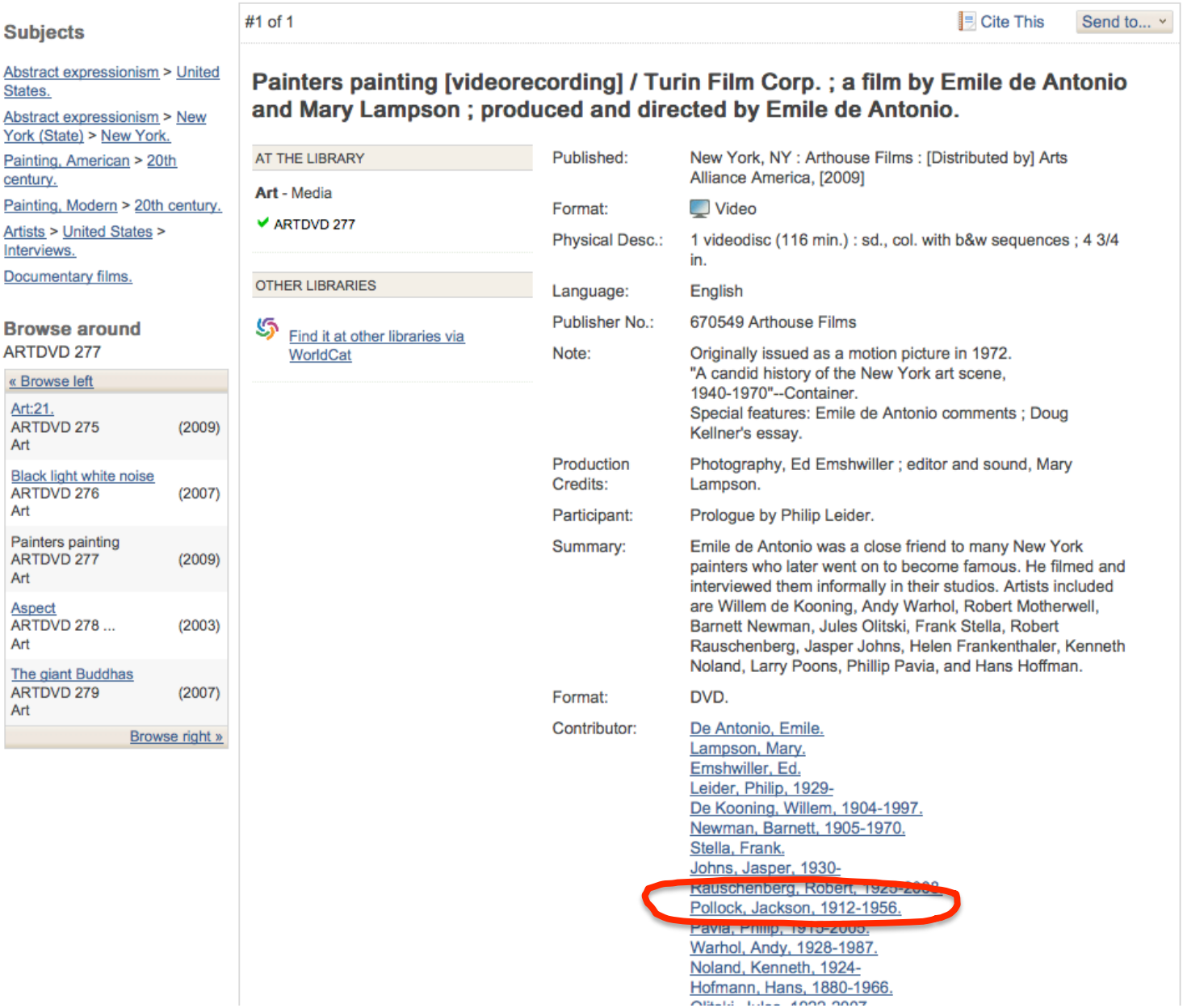
More about this book at Google Books

Author/Creator:	Pollock, Jackson, 1912-1956.
Published:	Paris : Pinacothèque de Paris, [2008]
Format:	Book
Physical Desc.:	266 p. : ill. (some col.), map ; 28 cm.
Language:	French
ISBN:	9782953054675 2953054677
Note:	Published on the occasion of an exhibition held at the Pinacothèque de Paris, Oct. 15, 2008-Feb. 15, 2009.
Bibliography:	Includes bibliographical references.
Contributor:	Restellini, Marc. Desmazières, Hélène. Polcari, Stephen. Klein, Mickie. Pinacothèque de Paris.

TECH DETAILS

- Catkey: 7837994
- Compare in Socrates
- Librarian View

Added Author



Subjects

- Abstract expressionism > United States.
- Abstract expressionism > New York (State) > New York.
- Painting, American > 20th century.
- Painting, Modern > 20th century.
- Artists > United States > Interviews.
- Documentary films.

Browse around
ARTDVD 277

« Browse left

Art:21. ARTDVD 275 Art	(2009)
Black light white noise ARTDVD 276 Art	(2007)
Painters painting ARTDVD 277 Art	(2009)
Aspect ARTDVD 278 ... Art	(2003)
The giant Buddhas ARTDVD 279 Art	(2007)

Browse right »

#1 of 1 Cite This Send to...

Painters painting [videorecording] / Turin Film Corp. ; a film by Emile de Antonio and Mary Lampson ; produced and directed by Emile de Antonio.

AT THE LIBRARY

Art - Media

✔ ARTDVD 277

OTHER LIBRARIES

Find it at other libraries via WorldCat

Published:	New York, NY : Arthouse Films : [Distributed by] Arts Alliance America, [2009]
Format:	Video
Physical Desc.:	1 videodisc (116 min.) : sd., col. with b&w sequences ; 4 3/4 in.
Language:	English
Publisher No.:	670549 Arthouse Films
Note:	Originally issued as a motion picture in 1972. "A candid history of the New York art scene, 1940-1970"--Container. Special features: Emile de Antonio comments ; Doug Kellner's essay.
Production Credits:	Photography, Ed Emshwiller ; editor and sound, Mary Lampson.
Participant:	Prologue by Philip Leider.
Summary:	Emile de Antonio was a close friend to many New York painters who later went on to become famous. He filmed and interviewed them informally in their studios. Artists included are Willem de Kooning, Andy Warhol, Robert Motherwell, Barnett Newman, Jules Olitski, Frank Stella, Robert Rauschenberg, Jasper Johns, Helen Frankenthaler, Kenneth Noland, Larry Poons, Phillip Pavia, and Hans Hoffman.
Format:	DVD.
Contributor:	De Antonio, Emile. Lampson, Mary. Emshwiller, Ed. Leider, Philip, 1929- De Kooning, Willem, 1904-1997. Newman, Barnett, 1905-1970. Stella, Frank. Johns, Jasper, 1930- Rauschenberg, Robert, 1925-2008. Pollock, Jackson, 1912-1956. Pavia, Philip, 1915-2005. Warhol, Andy, 1928-1987. Noland, Kenneth, 1924- Hofmann, Hans, 1880-1966.

Subject & Added Author

Subjects

- Pollock, Jackson, 1912-1956 > Criticism and interpretation.
- Abstract expressionism > United States.
- Painters > United States.

Browse around
ND237 .P73 L34 2009

« Browse left

Jackson Pollock
ND237 .P73 J33 1999 (1999)
Art

Love affair
Kligman, Ruth
ND237.P73.K55
Art

Jackson Pollock
Lanchner, Carolyn (2009)
ND237 .P73 L34 2009
Art

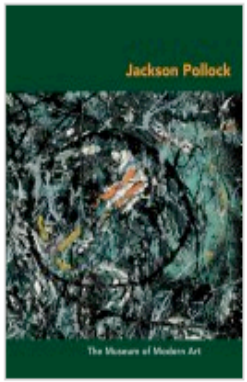
Jackson Pollock
Landau, Ellen G. (1989)
ND237.P73 L36 1989 F
Green, Art

Jackson Pollock
Marlborough Fine Art Ltd. (1961)
ND237.P73 M3
Art

Browse right »

#1 of 1 Cite This Send to...

Jackson Pollock / Carolyn Lanchner.



AT THE LIBRARY

Art - Stacks

✔ ND237 .P73 L34 2009

RELATED E-RESOURCES

More about this book at Google Books

Author/Creator:	Lanchner, Carolyn.
Published:	New York : Museum of Modern Art : Distributed by D.A.P./Distributed Art Publishers, c2009.
Format:	Book
Physical Desc.:	48 p. : ill. (chiefly col.) ; 21 cm.
Language:	English
ISBN:	9780870707698
Contributor:	Pollock, Jackson, 1912-1956. Museum of Modern Art (New York, N.Y.)

TECH DETAILS

- Catkey: 8439953
- Compare in Socrates
- Librarian View

Combining Multiple Facet Values

"I would love to be able to select multiple facets ... For example, I would like to do a search then limit to Book *and* Video."

"permit the selection of multiple characteristics from the browsing panel on the right. For instance, I often find myself looking for sources in both Spanish and English, and it would be great to select both of these criteria and search for all those books that are in either Spanish or English. The same would be great, too, for searching a variety of different library facilities, etc. at the same time."

"option to limit queries by multiple locations using check boxes."

Publisher + Place + Date

"How do I search by publisher AND place AND year all at the same time? For example … "Instress, Saratoga, 1999" … I often search publisher AND year, or publisher AND place of publication, and occasionally need all three terms in combination."

1 - 20 of 958 results sorted by relevance

Show 20 per page

« Previous Next »

1 2 3 4 5 6 7 8 9 ... 47 48

1. Little brown gal [sound recording]

Author/Creator: Lamour, Dorothy, 1914-1996.
Published: 1944
At the Library: ARS » Recordings » **DECCA 23322**
Format: Music - Recording

2. The little brown girl : a story for children

Author/Creator: Stuart, Esmè, b. 1851.
Published: 1877
At the Library: SAL3 » Stacks » **PR5499 .S22 L58 1877**
Format: Book

3. Little brown jug [sound recording] : fox trot

Author/Creator: Miller, Glenn, 1904-1944.
Published: 1939
At the Library: ARS » Recordings » **VICTOR B-10286**
Format: Music - Recording

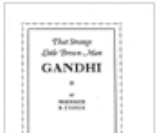
4. My little brown book : fox trot / [sound recording].

Corporate Author: Duke Ellington Orchestra.
Published: 1942
At the Library: ARS » Recordings » **VICTOR 20-1584**
Format: Music - Recording

5. The little brown hen that could : the growth story of TRW Inc.

Author/Creator: Mettler, Ruben F.
Published: 1982
At the Library: Green » Stacks » **AS36 .N491 NO.1172**
Format: Book

6. That strange little brown man Gandhi



Author/Creator: Fisher, Frederick Bohn, Bishop, 1882-
Published: 1932
At the Library: SAL3 » Stacks » **954.28 .G195FF**

Boolean OR

“… lesbian OR gay …”

“… uighur OR uyghur OR uyghar OR uigher …”

“… france OR french …”

“… themes OR symbolism …”

University of Virginia Library

VIRGO beta

VIRGObeta, a library discovery interface created here at U.Va., is in its testing phase. Try it out below and tell us what you think, read more about it, or switch back to VIRGOclassic

Login using NetBadge

Ask A Librarian

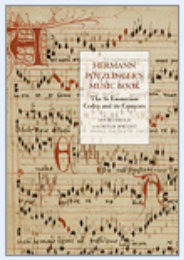
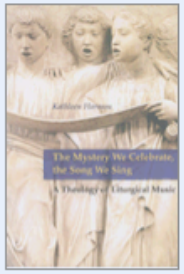
General View | Music View

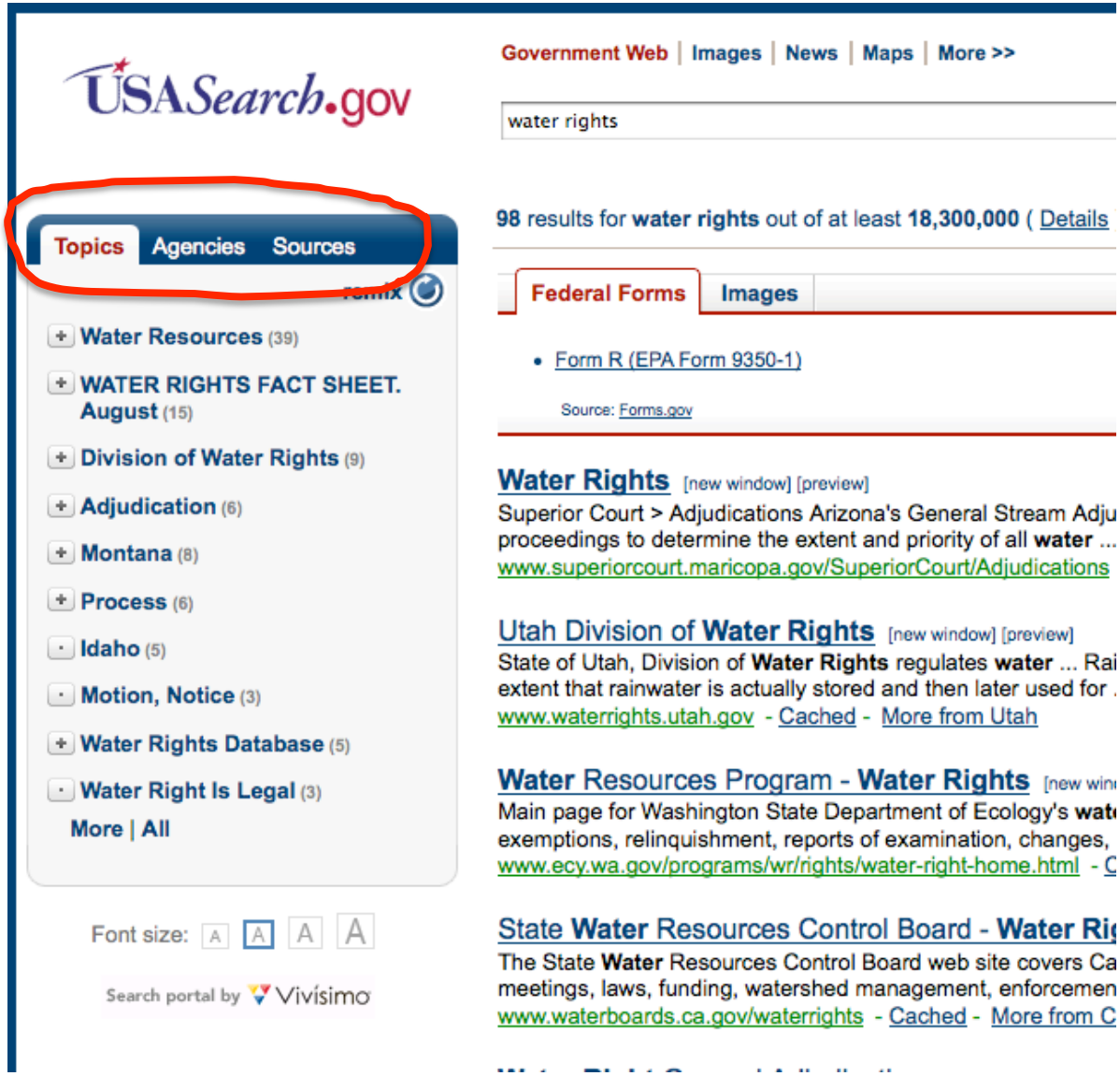
Keywords | Search

Limit Search by...

- Format
- Recordings and scores
- Recording format
- Instrument
- Composition era
- Author
- Library
- Language
- Source
- Region
- Subject

You don't have any searches or limits applied. To get started, type a search above or click one of the limits on the left side of the screen.

Recently Added Items

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water rights
Topics Agencies Sources
Water Resources (39)
WATER RIGHTS FACT SHEET. August (15)
Division of Water Rights (9)
Adjudication (6)
Montana (8)
Process (6)
Idaho (5)
Motion, Notice (3)
Water Rights Database (5)
Water Right Is Legal (3)
More | All
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Search portal by Vivisimo
98 results for water rights out of at least 18,300,000 (Details
Federal Forms
Images
Form R (EPA Form 9350-1)
Source: Forms.gov
Water Rights [new window] [preview]
Superior Court > Adjudications Arizona's General Stream Adju
proceedings to determine the extent and priority of all water ...
www.superiorcourt.maricopa.gov/SuperiorCourt/Adjudications
Utah Division of Water Rights [new window] [preview]
State of Utah, Division of Water Rights regulates water ... Rai
extent that rainwater is actually stored and then later used for
www.waterrights.utah.gov - Cached - More from Utah
Water Resources Program - Water Rights
Main page for Washington State Department of Ecology's wat
exemptions, relinquishment, reports of examination, changes,
www.ecy.wa.gov/programs/wr/rights/water-right-home.html
State Water Resources Control Board - Water Rig
The State Water Resources Control Board web site covers Ca
meetings, laws, funding, watershed management, enforcemen
www.waterboards.ca.gov/waterrights - Cached - More from C

Any

Of these words

All

Of these words

None

Of these words

Advanced Search

Advanced Search Tips

Use the form below and your advanced search will appear here

Find web pages that have...

all these words:

this exact wording or phrase: tip

one or more of these words: OR OR tip

But don't show pages that have...

any of these unwanted words: tip

Need more tools?

Results per page: 100 results

Language: any language

File type: any format

Search within a site or domain:

(e.g. youtube.com, .edu)

Date, usage rights, numeric range, and more

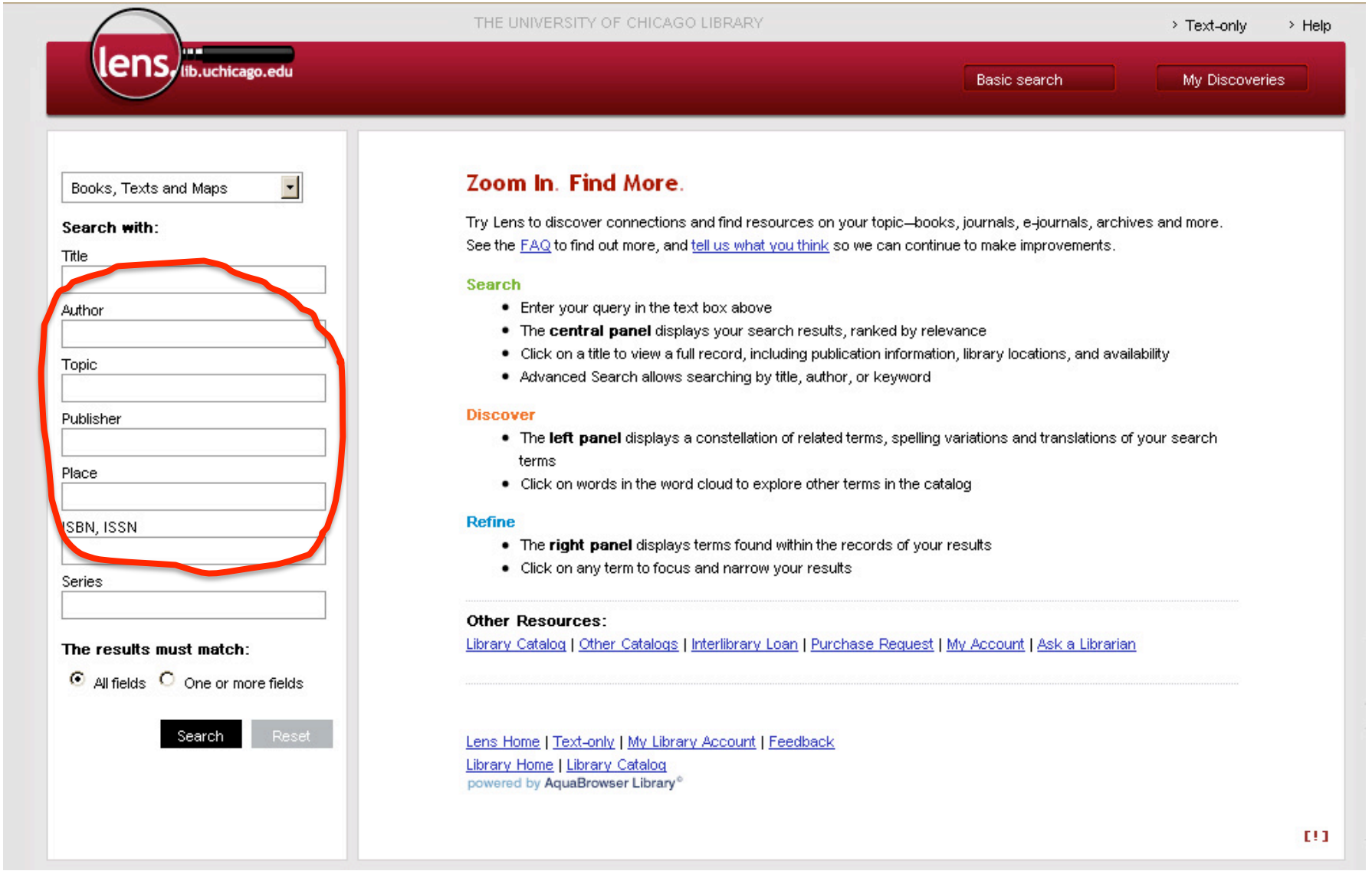
Advanced Search

Title

Author

Subject

Publisher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Try Lens to discover connections and find resources on your topic—books, journals, e-journals, archives and more.
See the FAQ to find out more, and tell us what you think so we can continue to make improvements.
Search
Enter your query in the text box above
The central panel displays your search results, ranked by relevance
Click on a title to view a full record, including publication information, library locations, and availability
Advanced Search allows searching by title, author, or keyword
Discover
The left panel displays a constellation of related terms, spelling variations and translations of your search terms
Click on words in the word cloud to explore other terms in the catalog
Refine
The right panel displays terms found within the records of your results
Click on any term to focus and narrow your results
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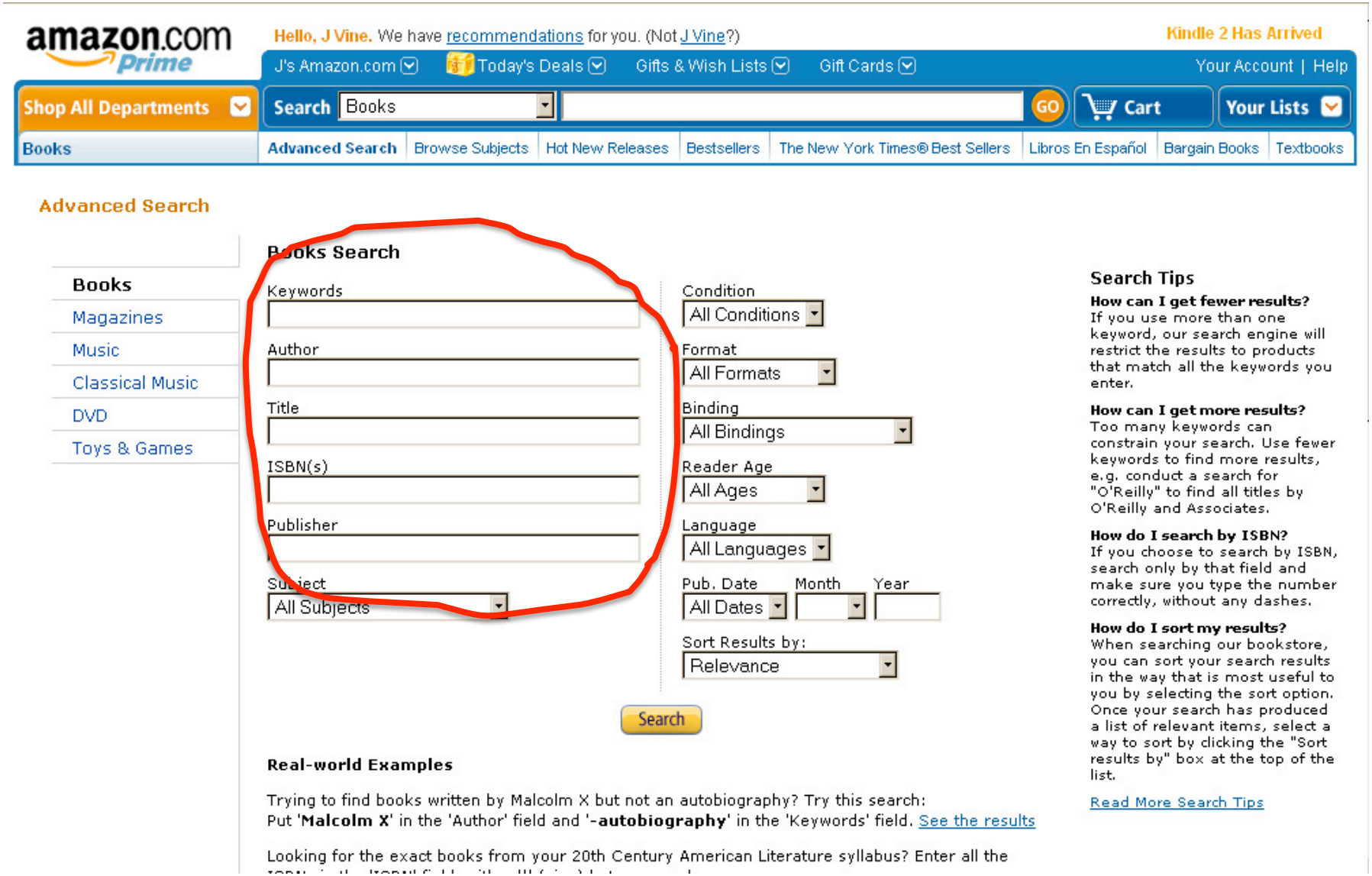
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Cart
Your Lists
Books
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The New York Times® Best Sellers
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Bargain Books
Textbooks
Advanced Search
Books
Magazines
Music
Classical Music
DVD
Toys & Games
Books Search
Keywords
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Title
ISBN(s)
Publisher
Subject
All Subjects
Condition
All Conditions
Format
All Formats
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All Bindings
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Sort Results by:
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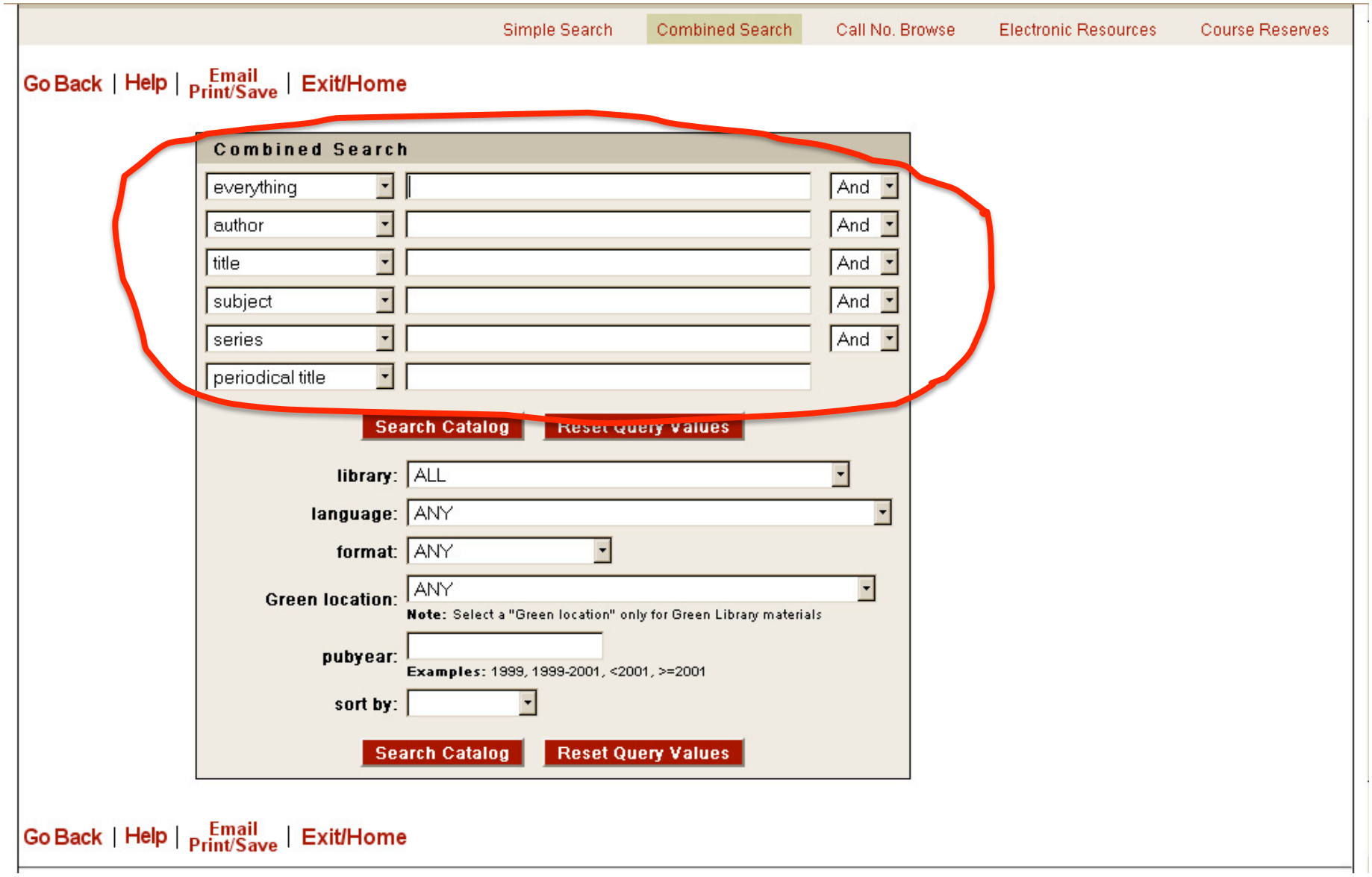
Real-world Examples
Trying to find books written by Malcolm X but not an autobiography? Try this search:
Put 'Malcolm X' in the 'Author' field and '-autobiography' in the 'Keywords' field. See the results
Looking for the exact books from your 20th Century American Literature syllabus? Enter all the
Search Tips
How can I get fewer results?
If you use more than one keyword, our search engine will restrict the results to products that match all the keywords you enter.
How can I get more results?
Too many keywords can constrain your search. Use fewer keywords to find more results, e.g. conduct a search for "O'Reilly" to find all titles by O'Reilly and Associates.
How do I search by ISBN?
If you choose to search by ISBN, search only by that field and make sure you type the number correctly, without any dashes.
How do I sort my results?
When searching our bookstore, you can sort your search results in the way that is most useful to you by selecting the sort option. Once your search has produced a list of relevant items, select a way to sort by clicking the "Sort results by" box at the top of the list.
Read More Search Tips

http://farm4.static.flickr.com/3214/3154090768_c9df9d13d0.jpg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Course Reserves
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language: ANY
format: ANY
Green location: ANY
Note: Select a "Green location" only for Green Library materials
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Examples: 1999, 1999-2001, <2001, >=2001
sort by:
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Cornell University Library

CATALOG

Search Cornell

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Database Name: Cornell University Library

Basic Search | Guided Keyword Search | Course Reserve

Search for: [ ] all of these — Search in: Keyword Anywhere

(•) AND ( ) OR ( ) NOT

Search for: [ ] all of these — Search in: Keyword Anywhere

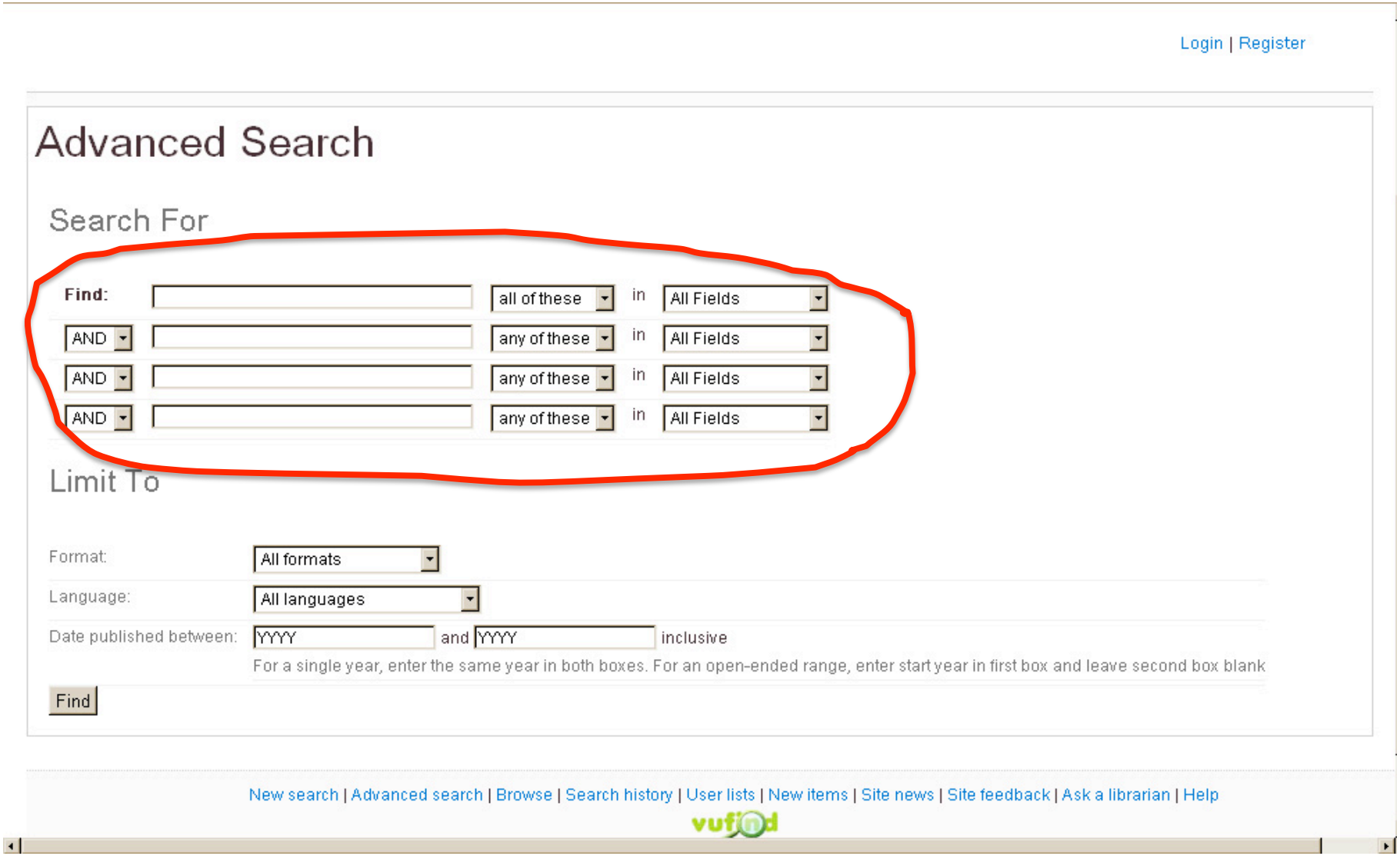
(•) AND ( ) OR ( ) NOT

Search for: [ ] all of these — Search in: Keyword Anywhere

50 records per page — Search | Reset — Set Search Limits

More Information on these searches — Text-based Catalog (Telnet) — Center for Research Libraries (CRL)

Guided Keyword Search	If applying Search Limits (date, language, format, etc.), set them **before** entering search terms. Use ? with partial words to find variant endings: **manage?** finds manager, managers, management, etc. Select specific fields (series, publisher, etc.) to refine your search. To automatically combine searches with AND, go to **Search History** and select the searches to be combined.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inclusive
For a single year, enter the same year in both boxes. For an open-ended range, enter start year in first box and leave second box blank
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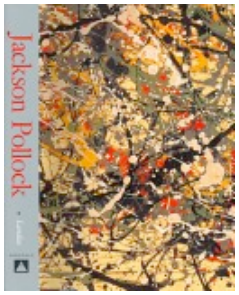
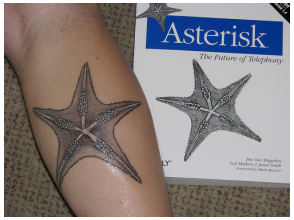
Author + Title

Personal Name



Publication



Combined Facets

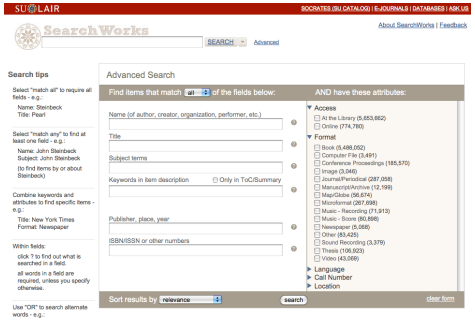
- Book
- Video
- Journal
- Newspaper

Boolean

AND

OR

NOT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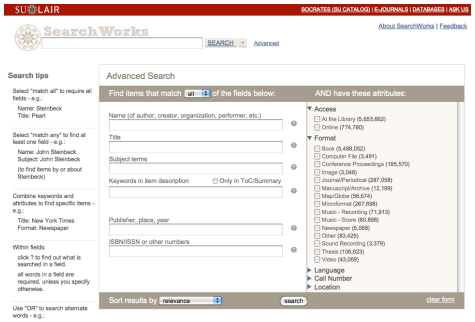
Find items that match all of the fields below:
AND have these attributes:
Name (of author, creator, organization, performer, etc.)
Title
Subject terms
Keywords in item description
Only in ToC/Summary
Publisher, place, year
ISBN/ISSN or other numbers
Access
At the Library (5,653,662)
Online (774,780)
Format
Book (5,488,052)
Computer File (3,491)
Conference Proceedings (185,570)
Image (3,046)
Journal/Periodical (287,058)
Manuscript/Archive (12,199)
Map/Globe (56,674)
Microformat (267,698)
Music - Recording (71,913)
Music - Score (80,898)
Newspaper (5,068)
Other (83,425)
Sound Recording (3,379)
Thesis (106,923)
Video (43,069)
Language
Call Number
Location
Sort results by relevance
search
clear form


SU LAIR
SOCRATES (SU CATALOG) | E-JOURNALS | DATABASES | ASK US
SearchWorks
SEARCH
Advanced
About SearchWorks | Feedback
Search tips
Advanced Search
Find items that match all of the fields below:
AND have these attributes:
Name (of author, creator, organization, performer, etc.)
Title
Subject terms
Keywords in item description
Only in ToC/Summary
Publisher, place, year
ISBN/ISSN or other numbers
Access
At the Library (5,653,662)
Online (774,780)
Format
Book (5,488,052)
Computer File (3,491)
Conference Proceedings (185,570)
Image (3,046)
Journal/Periodical (287,058)
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Music - Recording (71,913)
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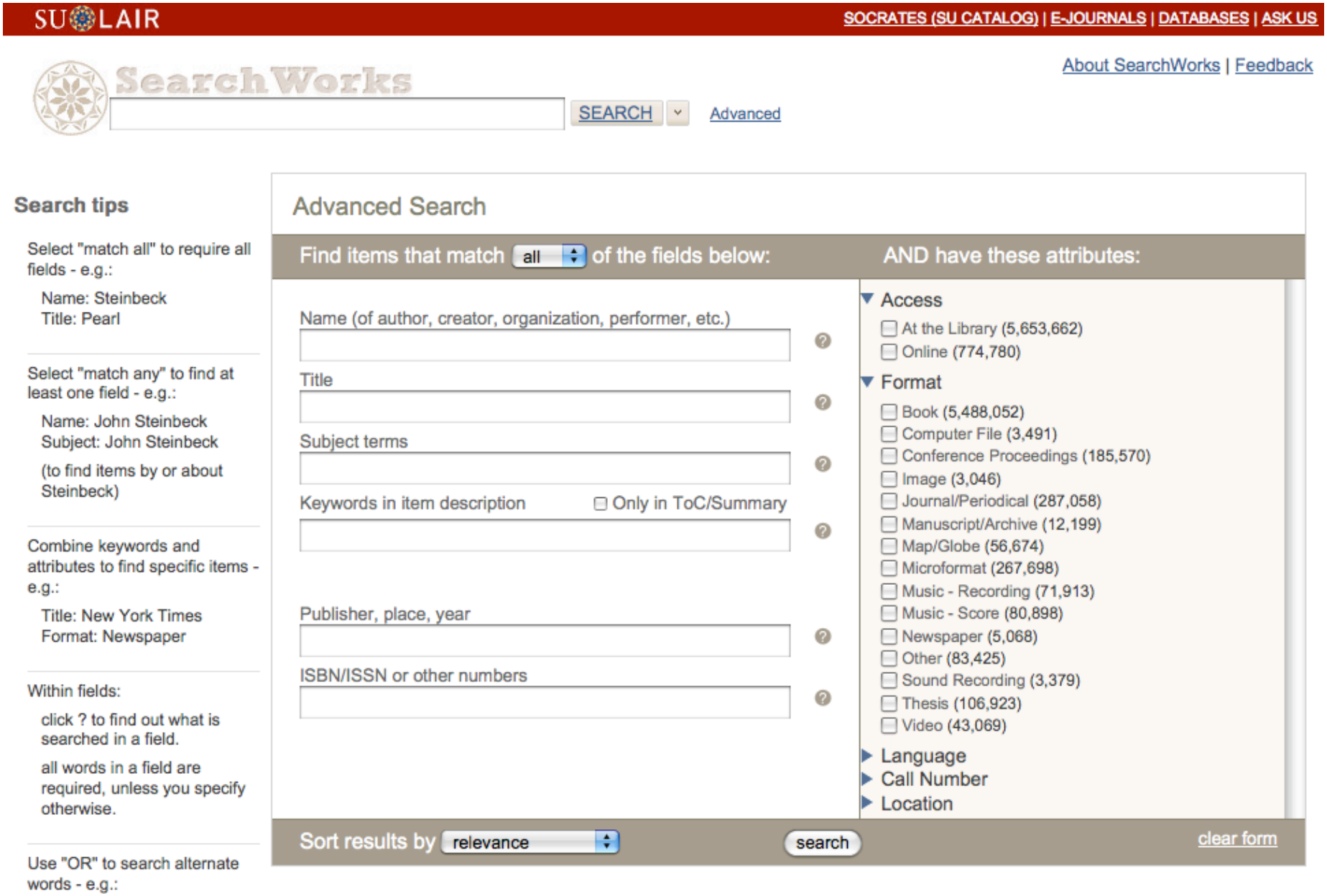
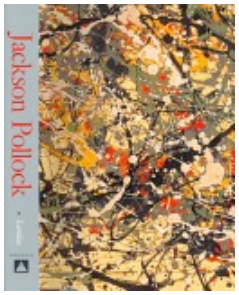
Other (83,425)
Sound Recording (3,379)
Thesis (106,923)
Video (43,069)
Language
Call Number
Location
Sort results by relevance
search
clear form

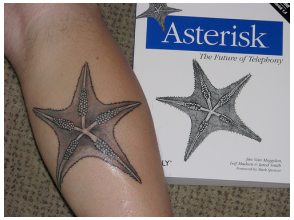

SULAIR
SOCRATES (SU CATALOG) | E-JOURNALS | DATABASES | ASK US
SearchWorks
About SearchWorks | Feedback
SEARCH
Advanced
Search tips
Select "match all" to require all fields - e.g.:
Name: Steinbeck
Title: Pearl
Select "match any" to find at least one field - e.g.:
Name: John Steinbeck
Subject: John Steinbeck
(to find items by or about Steinbeck)
Combine keywords and attributes to find specific items - e.g.:
Title: New York Times
Format: Newspaper
Within fields:
click ? to find out what is searched in a field.
all words in a field are required, unless you specify otherwise.
Use "OR" to search alternate words - e.g.:
Advanced Search
Find items that match all of the fields below:
AND have these attributes:
Name (of author, creator, organization, performer, etc.)
Title
Subject terms
Keywords in item description
Only in ToC/Summary
Publisher, place, year
ISBN/ISSN or other numbers
Access
At the Library (5,653,662)
Online (774,780)
Format
Book (5,488,052)
Computer File (3,491)
Conference Proceedings (185,570)
Image (3,046)
Journal/Periodical (287,058)
Manuscript/Archive (12,199)
Map/Globe (56,674)
Microformat (267,698)
Music - Recording (71,913)
Music - Score (80,898)
Newspaper (5,068)
Other (83,425)
Sound Recording (3,379)
Thesis (106,923)
Video (43,069)
Language
Call Number
Location
Sort results by relevance
search
clear form

Author + Title

Personal Name



Publication



Combined Facets

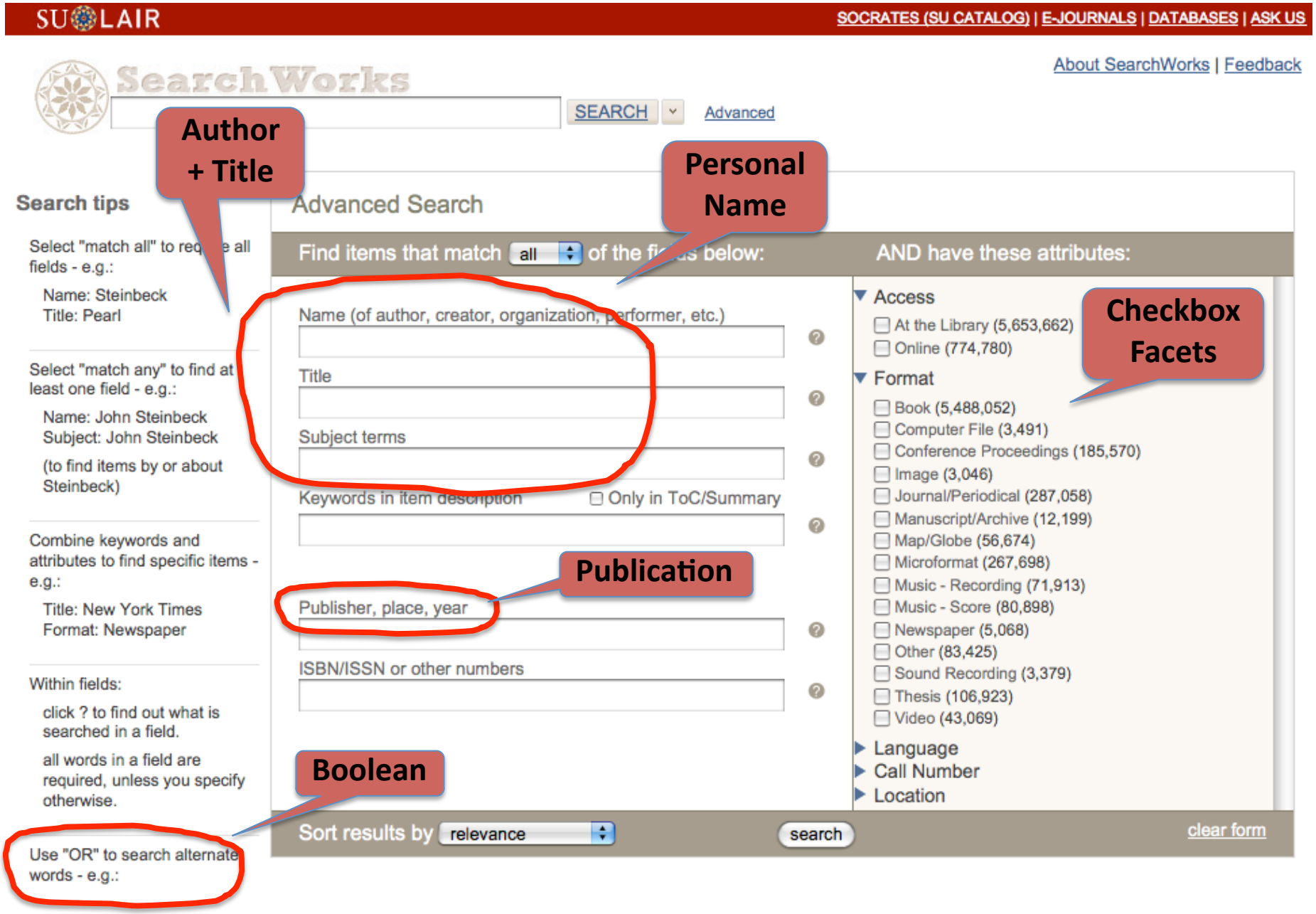
- Book
- Video
- Journal
- Newspaper

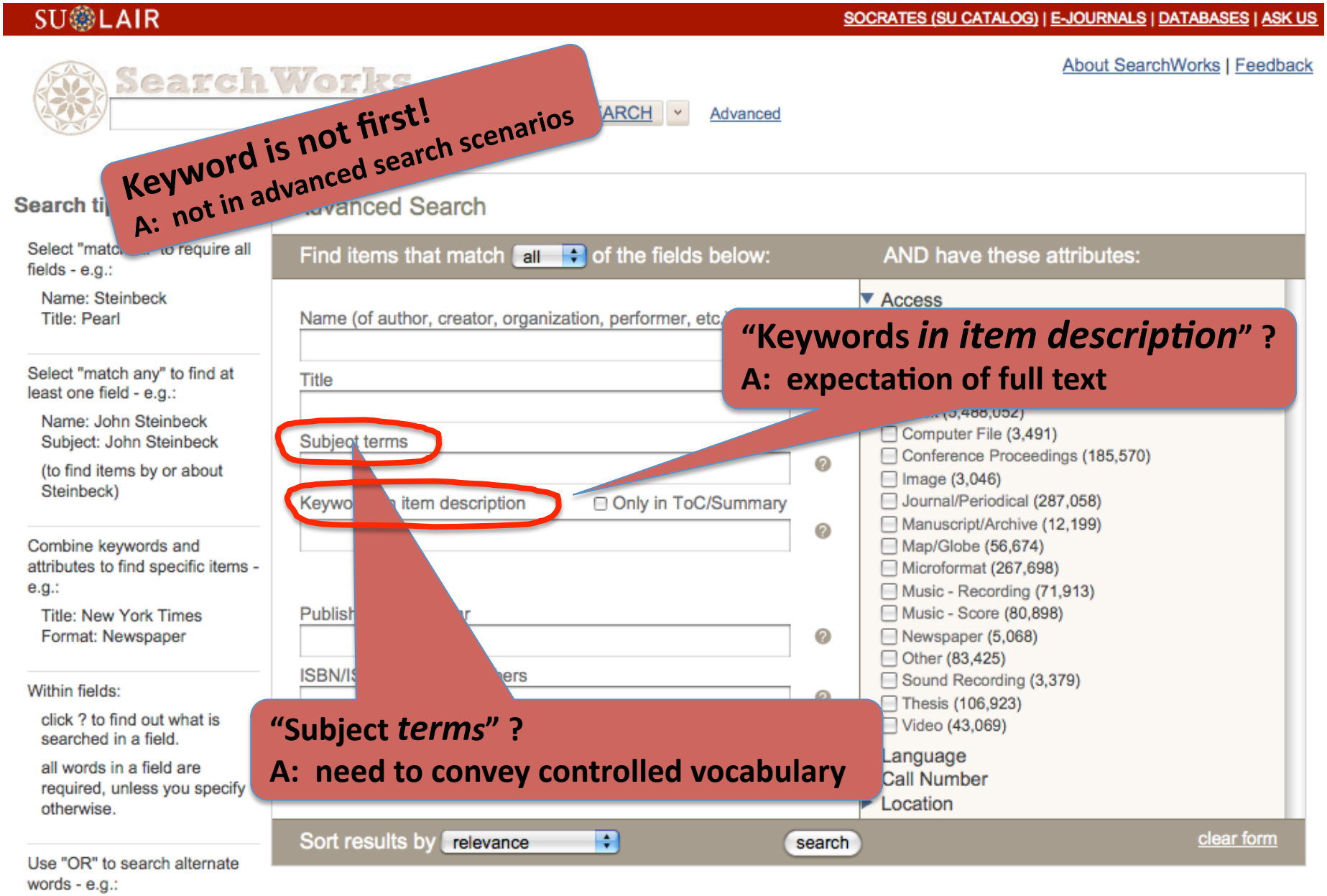
Boolean

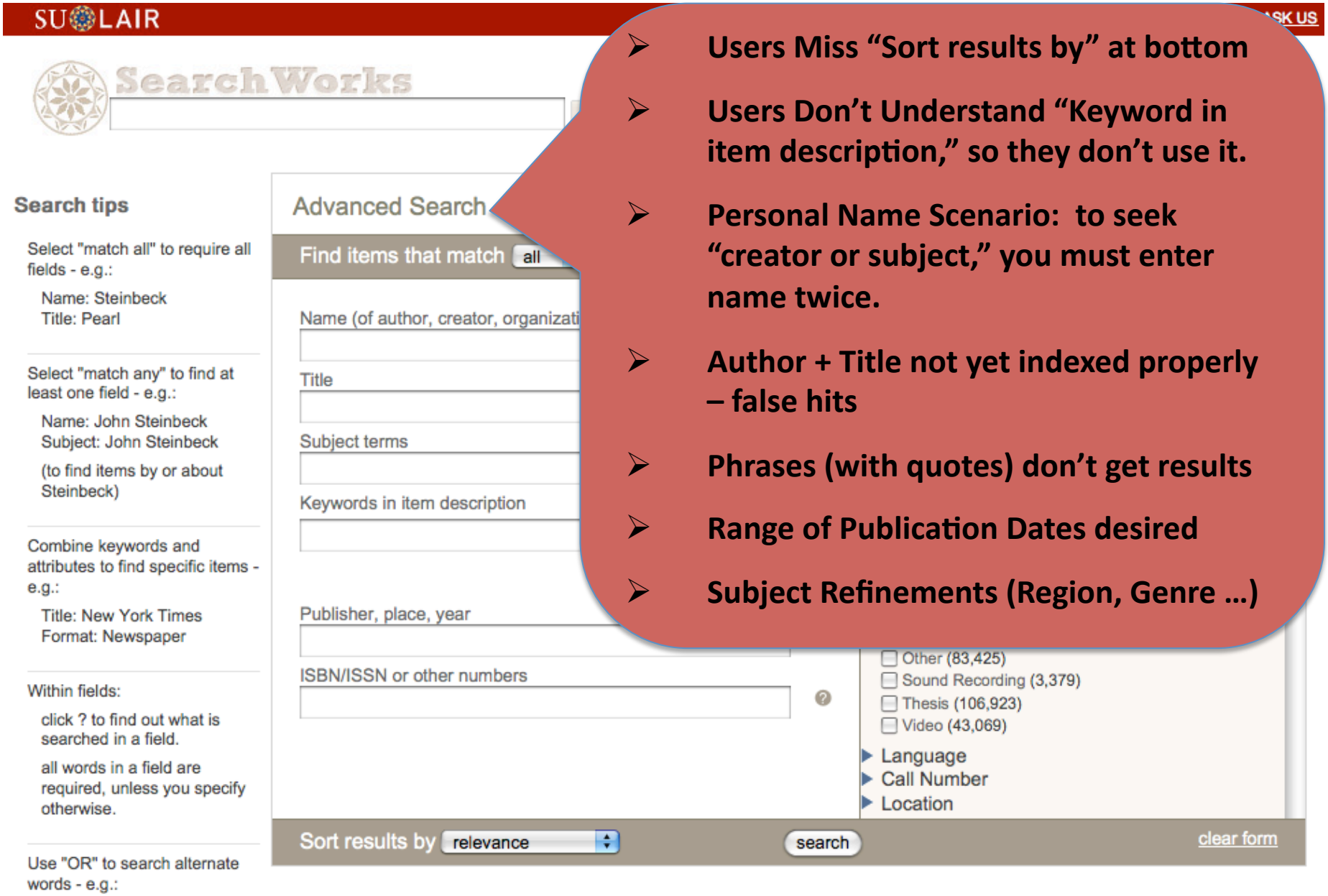
AND

OR

NOT


SU LAIR
SOCRATES (SU CATALOG) | E-JOURNALS | DATABASES | ASK US
SearchWorks
About SearchWorks | Feedback
SEARCH
Advanced
Author + Title
Personal Name
Search tips
Advanced Search
Select "match all" to req e all fields - e.g.:
Name: Steinbeck
Title: Pearl
Find items that match all of the fi s below:
AND have these attributes:
Name (of author, creator, organization, performer, etc.)
Title
Subject terms
Keywords in item description
Only in ToC/Summary
Checkbox Facets
Access
At the Library (5,653,662)
Online (774,780)
Format
Book (5,488,052)
Computer File (3,491)
Conference Proceedings (185,570)
Image (3,046)
Journal/Periodical (287,058)
Manuscript/Archive (12,199)
Map/Globe (56,674)
Microformat (267,698)
Music - Recording (71,913)
Music - Score (80,898)
Newspaper (5,068)
Other (83,425)
Sound Recording (3,379)
Thesis (106,923)
Video (43,069)
Language
Call Number
Location
Select "match any" to find at least one field - e.g.:
Name: John Steinbeck
Subject: John Steinbeck
(to find items by or about Steinbeck)
Publication
Publisher, place, year
Combine keywords and attributes to find specific items - e.g.:
Title: New York Times
Format: Newspaper
ISBN/ISSN or other numbers
Within fields:
click ? to find out what is searched in a field.
all words in a field are required, unless you specify otherwise.
Boolean
Use "OR" to search alternate words - e.g.:
Sort results by relevance
search
clear form


SU LAIR
SOCRATES (SU CATALOG) | E-JOURNALS | DATABASES | ASK US
SearchWorks
About SearchWorks | Feedback
ARCH
Advanced
Keyword is not first!
A: not in advanced search scenarios
Search ti
dvanced Search
Select "matc to require all fields - e.g.:
Name: Steinbeck
Title: Pearl
Select "match any" to find at least one field - e.g.:
Name: John Steinbeck
Subject: John Steinbeck
(to find items by or about Steinbeck)
Combine keywords and attributes to find specific items - e.g.:
Title: New York Times
Format: Newspaper
Within fields:
click ? to find out what is searched in a field.
all words in a field are required, unless you specify otherwise.
Use "OR" to search alternate words - e.g.:
Find items that match all of the fields below:
AND have these attributes:
Name (of author, creator, organization, performer, etc
Title
Subject terms
Keywo item description
Only in ToC/Summary
Publish r
ISBN/I ers
"Keywords *in item description*" ?
A: expectation of full text
"Subject *terms*" ?
A: need to convey controlled vocabulary
Access
(3,488,052)
Computer File (3,491)
Conference Proceedings (185,570)
Image (3,046)
Journal/Periodical (287,058)
Manuscript/Archive (12,199)
Map/Globe (56,674)
Microformat (267,698)
Music - Recording (71,913)
Music - Score (80,898)
Newspaper (5,068)
Other (83,425)
Sound Recording (3,379)
Thesis (106,923)
Video (43,069)
Language
Call Number
Location
Sort results by relevance
search
clear form



- **Users Miss "Sort results by" at bottom**
- **Users Don't Understand "Keyword in item description," so they don't use it.**
- **Personal Name Scenario: to seek "creator or subject," you must enter name twice.**
- **Author + Title not yet indexed properly – false hits**
- **Phrases (with quotes) don't get results**
- **Range of Publication Dates desired**
- **Subject Refinements (Region, Genre …)**

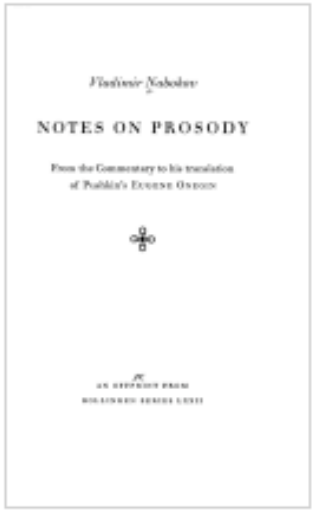
Feature	Lucene	Dismax
Boolean	√	
Each Text Box -> Groups of Index Fields	√	√
Each Text Box -> Complex Boosting Equation	yuck	√
Multiple Text Boxes	yuck	√
Multiple Query Words Match Across Fields		√
Boosting Matches Simple "Author" "Title" "Subject" Searches		√

```
<!-- author search request handler -->
<requestHandler name="search_author" class="solr.SearchHandler" >
  <lst name="defaults">
    <str name="defType">dismax</str>
    <str name="echoParams">explicit</str>
    <str name="sort">score desc, pub_date_sort desc, title_sort asc</str>
    <str name="q.alt">*:*</str>
    <str name="mm">4&lt;-1 4&lt;90%</str>
    <str name="q1">1</str>
    <str name="qf">
      author_1xx_unstem_search^200
      author_7xx_unstem_search^50
      author_8xx_unstem_search^10
      author_1xx_search^20        vern_author_1xx_search^20
      author_7xx_search^5         vern_author_7xx_search^5
      author_8xx_search           vern_author_8xx_search
    </str>
    <str name="pf">
      author_1xx_unstem_search^5000
      author_7xx_unstem_search^3000
      author_1xx_search^500         vern_author_1xx_search^500
      author_7xx_search^300         vern_author_7xx_search^300
      author_8xx_unstem_search^250
      author_8xx_search^200         vern_author_8xx_search^200
    </str>
```

Feature	Lucene	Dismax
Boolean	√	
Each Text Box -> Multiple Index Fields	√	√
Each Text Box -> Complex Boosting Equation	yuck	√
Multiple Text Boxes	yuck	√
Multiple Query Words Match Across Fields		√
Boosting Matches Simple "Author" "Title" "Subject" Searches		√

“Advanced search: "nabokov pushkin" in "Name [creator]" gives only 1 hit … But this search fails to retrieve … “

Notes on prosody : from the commentary to his translation of Pushkin's Eugene Onegin / Vladimir Nabokov.



Author/Creator:	Nabokov, Vladimir Vladimirovich, 1899-1977.
Published:	New York : Bollingen Foundation, c1963.
Format:	Book
Physical Desc.:	p. 448-540 ; 21 cm.
Language:	English
Note:	"An offprint from Bollingen series LXXII." This work was originally issued separately as a preprint before it appeared as appendix 2 to vol. 3 of the larger work: Eugene Onegin, a novel in verse, by A. S. Pushkin, translated by V. Nabokov, published in 1964.
Contributor:	Pushkin, Aleksandr Sergeevich, 1799-1837. Evgeniĭ Onegin.

AT THE LIBRARY

Green - Stacks

✔ 891.71 .P983N2

```
<str name="qf">
  author_1xx_unstem_search^200
  author_7xx_unstem_search^50
  author_8xx_unstem_search^10
  author_1xx_search^20        vern_author_1xx_search^20
  author_7xx_search^5         vern_author_7xx_search^5
  author_8xx_search           vern_author_8xx_search
</str>
<str name="pf">
  author_1xx_unstem_search^5000
  author_7xx_unstem_search^3000
  author_1xx_search^500         vern_author_1xx_search^500
  author_7xx_search^300         vern_author_7xx_search^300
  author_8xx_unstem_search^250
  author_8xx_search^200         vern_author_8xx_search^200
</str>
```

Solr Wiki

- LocalParams

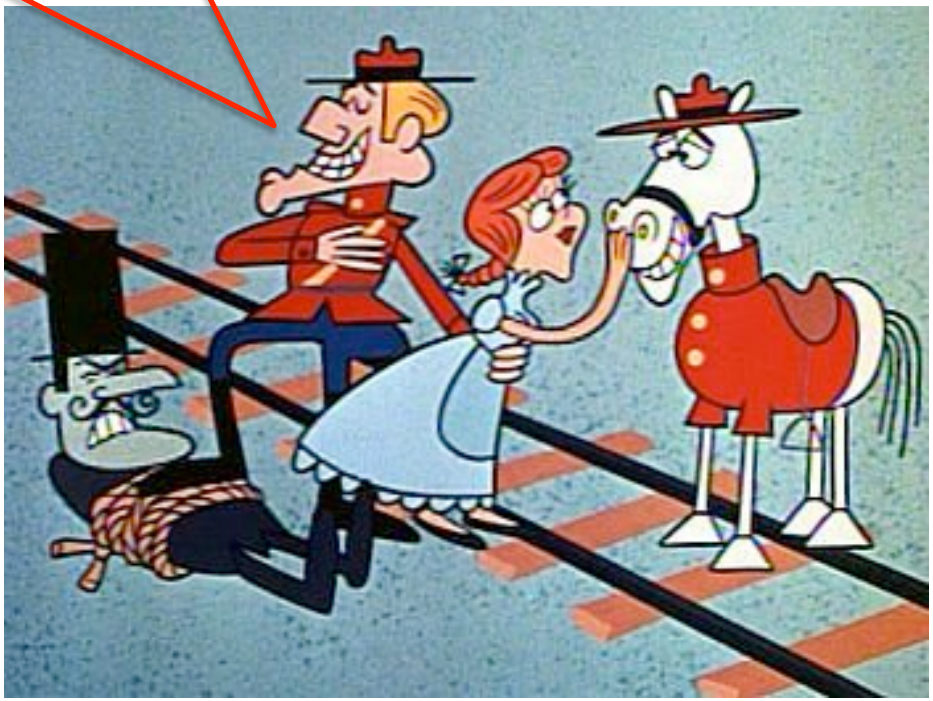
SolPHP » FrontPage » SolrRequestHandler » DisMaxRequestHandler » LocalParams »

FrontPage | RecentChanges | FindPage | HelpContents | **LocalParams**

Edit (Text) Edit (GUI) Info Subscribe Add Link Attachments More Actions:

LocalParams

LocalParams stands for local parameters: they provide a way to "localize" information abou



http://1.bp.blogspot.com/_--YjWiyF8eE/Skv-c1U0uyI/AAAAAAAAE1w/HlGS6tp5Fxg/s400/1-dudley.jpg

qt=search_author & q=pushkin nabokov & debugQuery=true

```
<str name="parsedquery">+((DisjunctionMaxQuery((author_8xx_search:pushkin |
    author_8xx_unstem_search:pushkin^10.0 | author_1xx_unstem_search:pushkin^200.0 |
    author_1xx_search:pushkin^20.0 | vern_author_1xx_search:pushkin^20.0 |
    author_7xx_search:pushkin^5.0 | author_7xx_unstem_search:pushkin^50.0 |
    vern_author_8xx_search:pushkin | vern_author_7xx_search:pushkin^5.0)~0.01)

    DisjunctionMaxQuery((author_8xx_search:nabokov | author_8xx_unstem_search:nabokov^10.0 |
    author_1xx_unstem_search:nabokov^200.0 | author_1xx_search:nabokov^20.0 |
    vern_author_1xx_search:nabokov^20.0 | author_7xx_search:nabokov^5.0 |
    author_7xx_unstem_search:nabokov^50.0 | vern_author_8xx_search:nabokov |
    vern_author_7xx_search:nabokov^5.0)~0.01))~2)

    DisjunctionMaxQuery((author_8xx_search:"pushkin nabokov"~3^200.0 |
        author_8xx_unstem_search:"pushkin nabokov"~3^250.0 |
        author_1xx_unstem_search:"pushkin nabokov"~3^5000.0 |
        author_1xx_search:"pushkin nabokov"~3^500.0 |
        vern_author_1xx_search:"pushkin nabokov"~3^500.0 |
        author_7xx_search:"pushkin nabokov"~3^300.0 |
        author_7xx_unstem_search:"pushkin nabokov"~3^3000.0 |
        vern_author_8xx_search:"pushkin nabokov"~3^200.0 |
        vern_author_7xx_search:"pushkin nabokov"~3^300.0)~0.01)
</str>
```

http://www.stanford.edu/people/~ndushay/code4lib2010/advSearchSolrQueries.pdf

Solr Requirements for Advanced Search

This approach to Blacklight Advanced Search is predicated on the following requirements:

1. Boolean syntax must be supported
2. *Groups* of Solr fields must be searched for individual text boxes in the html search form.
3. The group of Solr fields for a single text box have different weights among themselves (query terms matched in particular Solr fields in the group have different boost factors than query term matches in other Solr fields in the group)

Mapping Text Boxes in Advanced Search Form to Solr query pieces

Each text box (or check box) in the advanced search query form maps to a particular set of Solr fields and boosting values (plain boosting and phrase boosting) to be used in the Solr query. The particular fields and boost values (and phrase fields and boost values) for each text box will be configured on the Solr server, via the "advanced" request handler.

The user query itself is also transformed; see below under "Query Transformation".

For each text box containing user-supplied text, there will be a chunk in the value of q sent to solr that looks like this:

```
_query_:"{!dismax qf=$[qf_name1] pf=$[pf_name1]}[xform-query-
    terms]"
```

Pieces in square brackets will be replaced with specific strings. The bold are all part of the actual string sent to solr: quotes, curly braces, exclamation point and dollar signs are all sent to Solr.

So if the user has typed into two text boxes, and the text boxes are to be combined (AND), then the q param sent to Solr would have this form:

```
q=_query_:"{!dismax qf=$[qf_name1] pf=$[pf_name1]}[xformed-query-
    terms1]"
AND
_query_:"{!dismax qf=$[qf_name2] pf=$[pf_name2]}[xformed-query-
    terms2]"
```

If the user chooses to combine the text boxes with an "OR", the q param sent to Solr would have this form:

http://www.stanford.edu/people/~ndushay/code4lib2010/advSearchSolrQueries.pdf

Mapping Text Boxes in Advanced Search Form to Solr query pieces

Each text box (or check box) in the advanced search query form maps to a particular set of Solr fields and boosting values (plain boosting and phrase boosting) to be used in the Solr query. The particular fields and boost values (and phrase fields and boost values) for each text box will be configured on the Solr server, via the "advanced" request handler.

The user query itself is also transformed; see below under "Query Transformation".

For each text box containing user-supplied text, there will be a chunk in the value of q sent to solr that looks like this:

```
_query_:"{!dismax qf=$[qf_name1] pf=$[pf_name1]}[xform-query-
    terms]"
```

Pieces in square brackets will be replaced with specific strings. The bold are all part of the actual string sent to solr: quotes, curly braces, exclamation point and dollar signs are all sent to Solr.

Name (of author, creator, organization, performer, etc.)

query:"{!dismax qf=$qf_author pf=$pf_author}[xformed-query-terms]"

```
<!-- for user query terms in author text box -->
<str name="qf_author">
  author_1xx_unstem_search^200
  author_7xx_unstem_search^50
  author_8xx_unstem_search^10
  author_1xx_search^20        vern_author_1xx_search^20
  author_7xx_search^5         vern_author_7xx_search^5
  author_8xx_search           vern_author_8xx_search
</str>
<str name="pf_author">
  author_1xx_unstem_search^5000
  author_7xx_unstem_search^3000
  author_1xx_search^500         vern_author_1xx_search^500
  author_7xx_search^300         vern_author_7xx_search^300
  author_8xx_unstem_search^250
  author_8xx_search^200         vern_author_8xx_search^200
</str>
```

Title

query:"{!dismax qf=$qf_title pf=$pf_title}[xformed-query-terms]"

```
<!-- for user query terms in title text box -->
<str name="qf_title">
  title_245a_unstem_search^50000
  title_245_unstem_search^25000
  title_uniform_unstem_search^10000
  title_245a_search^5000       vern_title_245a_search^5000
  title_245_search^1000        vern_title_245_search^1000
  title_uniform_search^250     vern_title_uniform_search^250
  title_variant_unstem_search^150
  title_variant_search^50      vern_title_variant_search^50
  title_related_unstem_search^45
  title_related_search^5       vern_title_related_search^5
  title_series_unstem_search^4
  title_series_search          vern_title_series_search
</str>
<str name="pf_title">
  title_245a_unstem_search^200000
  title_245_unstem_search^75000
  title_uniform_unstem_search^60000
  title_245a_search^75000        vern_title_245a_search^75000
  title_245_search^7500          vern_title_245_search^7500
  title_uniform_search^6000      vern_title_uniform_search^6000
  title_variant_unstem_search^3000
  title_variant_search^200       vern_title_variant_search^200
  title_related_unstem_search^175
  title_related_search^150       vern_title_related_search^150
  title_series_unstem_search^100
  title_series_search^75         vern_title_series_search^75
</str>
```

http://www.stanford.edu/people/~ndushay/code4lib2010/advSearchSolrQueries.pdf

Combining Text Boxes (boolean)

So if the user has typed into two text boxes, and the text boxes are to be combined (AND), then the q param sent to Solr would have this form:

```
q=_query_:"{!dismax qf=$[qf_name1] pf=$[pf_name1]}[xformed-query-
    terms1]"
AND
_query_:"{!dismax qf=$[qf_name2] pf=$[pf_name2]}[xformed-query-
    terms2]"
```

If the user chooses to combine the text boxes with an "OR", the q param sent to Solr would have this form:

```
q=_query_:"{!dismax qf=$[qf_name1] pf=$[pf_name1]}[xformed-query-
    terms1]"
OR
_query_:"{!dismax qf=$[qf_name2] pf=$[pf_name2]}[xformed-query-
    terms2]"
```

At this time, the **qt** argument for the Solr request MUST be set to a standard request handler (in our case, "**advanced**"). Otherwise Solr will always return 0 results.

```
<!-- advanced search requests;
   use q=_query_:"{!dismax qf=$qf1 pf=$pf1 mm=$mm ps=$ps tie=$tie}[transformed-q1] AND query_:"{!dismax qf=$qf2 pf=$pf2}[transformed-q2] -->
<requestHandler name="advanced" class="solr.SearchHandler" >
  <lst name="defaults">
    <str name="defType">lucene</str>
    <str name="echoParams">explicit</str>
    <str name="rows">20</str>
    <str name="df">all_search</str>
    <str name="q.op">AND</str>
    <str name="qs">1</str>
    <str name="sort">score desc, pub_date_sort desc, title_sort asc</str>

    <!-- used for dismax query parser -->
    <str name="mm">1</str>
    <str name="ps">3</str>
    <float name="tie">0.01</float>
    <!-- for user query terms in author text box -->
    <str name="qf_author">
      author_1xx_unstem_search^200
      author_7xx_unstem_search^50
      author_8xx_unstem_search^10
      author_1xx_search^20       vern_author_1xx_search^20
      author_7xx_search^5        vern_author_7xx_search^5
      author_8xx_search          vern_author_8xx_search
    </str>
    <str name="pf_author">
      author_1xx_unstem_search^5000
      author_7xx_unstem_search^3000
      author_1xx_search^500        vern_author_1xx_search^500
      author_7xx_search^300        vern_author_7xx_search^300
      author_8xx_unstem_search^250
      author_8xx_search^200        vern_author_8xx_search^200
    </str>

    <!-- for user query terms in title text box -->
    <str name="qf_title">
      title_245a_unstem_search^50000
      title_245_unstem_search^25000
      title_uniform_unstem_search^10000
      title_245a_search^5000      vern_title_245a_search^5000
      title_245_search^1000       vern_title_245_search^1000
      title_uniform_search^250    vern_title_uniform_search^250
      title_variant_unstem_search^150
```

```
<requestHandler name="advanced" class="solr.SearchHandler" >
  <lst name="defaults">
    <str name="defType">lucene</str>
    <str name="echoParams">explicit</str>
    <str name="rows">20</str>
    <str name="df">all_search</str>
    <str name="q.op">AND</str>
    <str name="qs">1</str>
    <str name="sort">score desc, pub_date_sort desc, title_sort asc</str>

    <!-- used for dismax query parser -->
    <str name="mm">1</str>
    <str name="ps">3</str>
    <float name="tie">0.01</float>
    <!-- for user query terms in author text box -->
    <str name="qf_author">
      author_1xx_unstem_search^200
      author_7xx_unstem_search^50
```

http://www.stanford.edu/people/~ndushay/code4lib2010/advSearchSolrQueries.pdf

Query Term Transformations

AND

When AND is in user query, add a required symbol ("+") to the preceding and following terms and remove the AND:

```
vladimir AND nabokov    →  +vladimir +nabokov
tom AND lynn AND jessie   →  +tom +lynn +jessie
(dog cat) AND mouse    →  +(+dog +cat) +mouse
(dog AND cat) AND mouse    →  +(+dog +cat) +mouse
((dog cat) AND (mouse bug)) house    →
      +(+(+dog +cat) +(+mouse +bug)) +house
((dog AND cat) (mouse AND bug)) house    →
      +(+(+dog +cat) +(+mouse +bug)) +house
((dog cat) (mouse bug)) AND house    →
      +(+(+dog +cat) +(+mouse +bug)) +house
```

Plain

The default operator is AND, so lack of a Boolean operator implies AND. When a term has no preceding NOT, AND or OR, and has no following AND or OR, add a required symbol ("+"):

```
vladimir nabokov    →  +vladimir +nabokov
black and tan → +black +and +tan
```

http://www.stanford.edu/people/~ndushay/code4lib2010/advSearchSolrQueries.pdf

OR

OR can be left alone.

```
nabokov OR pushkin    →  nabokov OR pushkin
(tom lynn) OR Jessie      →  (tom lynn) OR Jessie
```

NOT

When there is a ***single term*** for the user query in a text box, and it is preceded by NOT, NOT will move in front of the _query_ piece.

```
NOT cat     →  q=NOT _query_:"{!dismax qf=stuff pf=stuff}cat"
NOT (dog OR cat) →  q=NOT _query_:"{!dismax qf=stuff pf=stuff}(dog OR
     cat)"
NOT (dog AND cat) → q=NOT _query_:"{!dismax qf=stuff pf=stuff}(+dog
     +cat)"
```

When there are ***multiple terms*** in a text box and one or more is preceded by NOT, the NOT should be left alone.

```
cat NOT mouse    →  +cat NOT mouse
NOT mouse cat    →  NOT mouse +cat
cat AND NOT mouse    →   +cat NOT mouse
NOT mouse AND cat   →   NOT mouse +cat
```

http://www.stanford.edu/people/~ndushay/code4lib2010/advSearchSolrQueries.pdf

Single Term

A single term in a search box, *without any operator*, may be left alone:

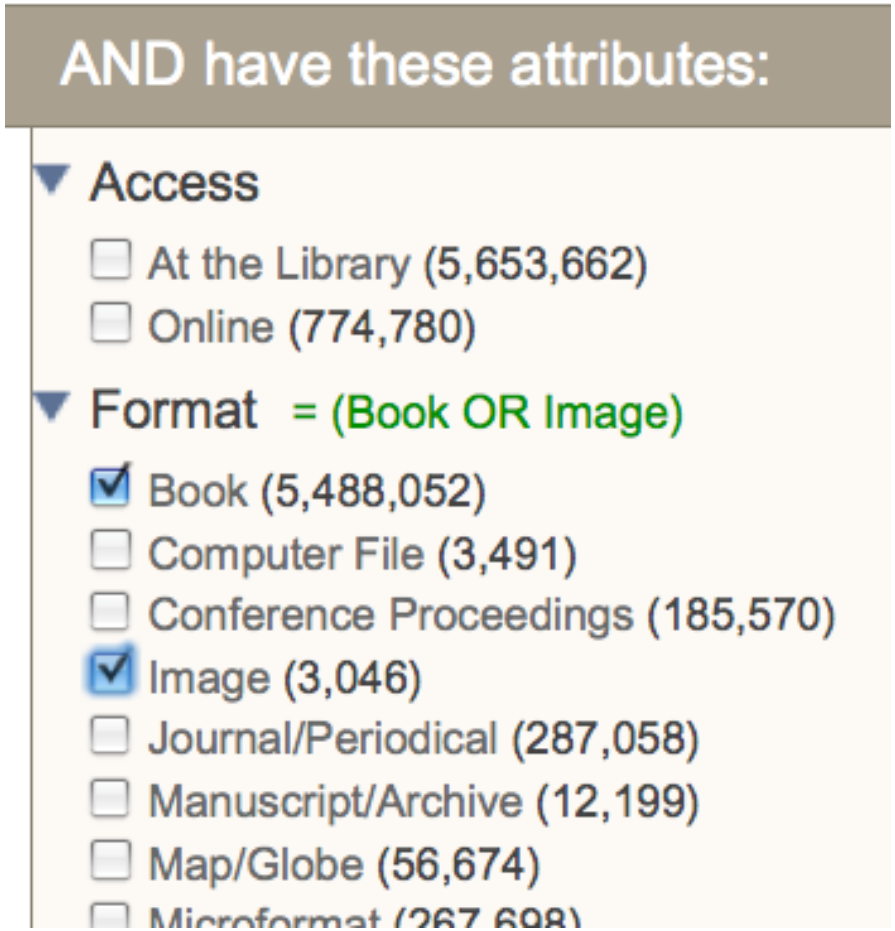
```
fred    →    fred
```

single term can be a parenthetical phrase

```
(joe OR fred)    →    (joe OR fred)
((dog cat) AND (mouse bug))    →    (+(+dog +cat) +(+mouse +bug))
```

`NOT blah` → this is *not* treated as a single term, because of the "NOT" See above.

Feature	Lucene	Dismax
Boolean	√	√
Each Text Box -> Multiple Index Fields	√	√
Each Text Box -> Complex Boosting Equation	yuck	√
Multiple Text Boxes	yuck	√
Multiple Query Words Match Across Fields		√
Boosting Matches Simple "Author" "Title" "Subject" Searches		√

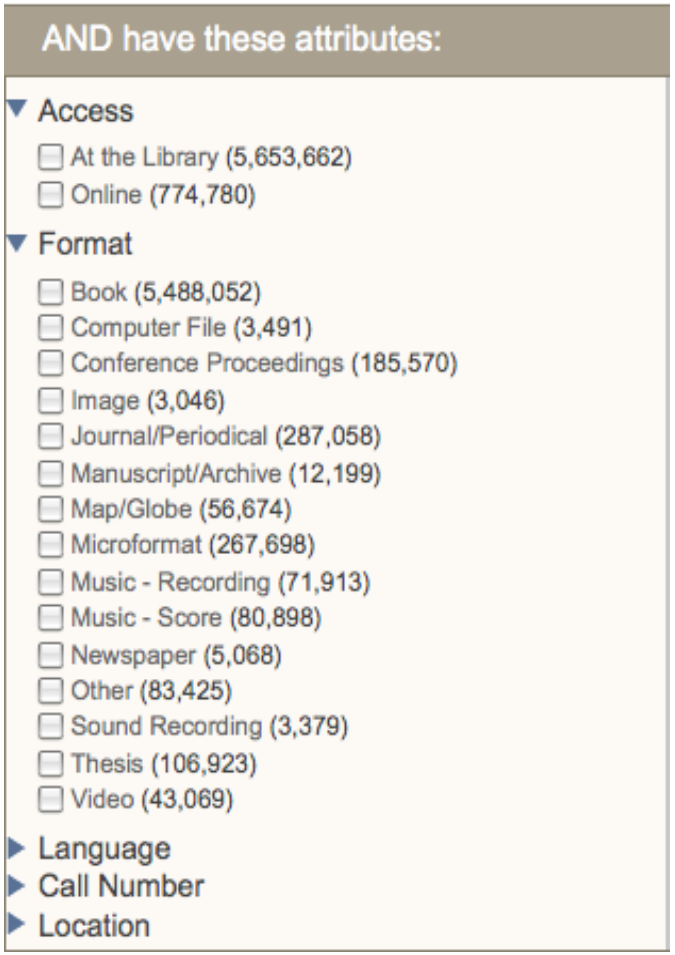


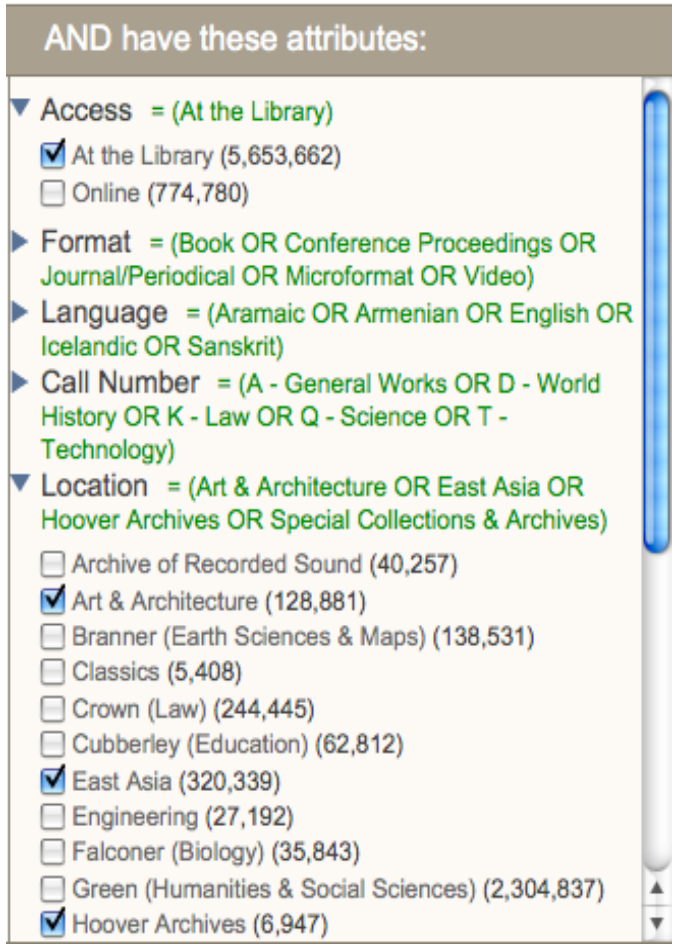
fq=format:(Book OR Video)

Challenges in Implementing Advanced Search

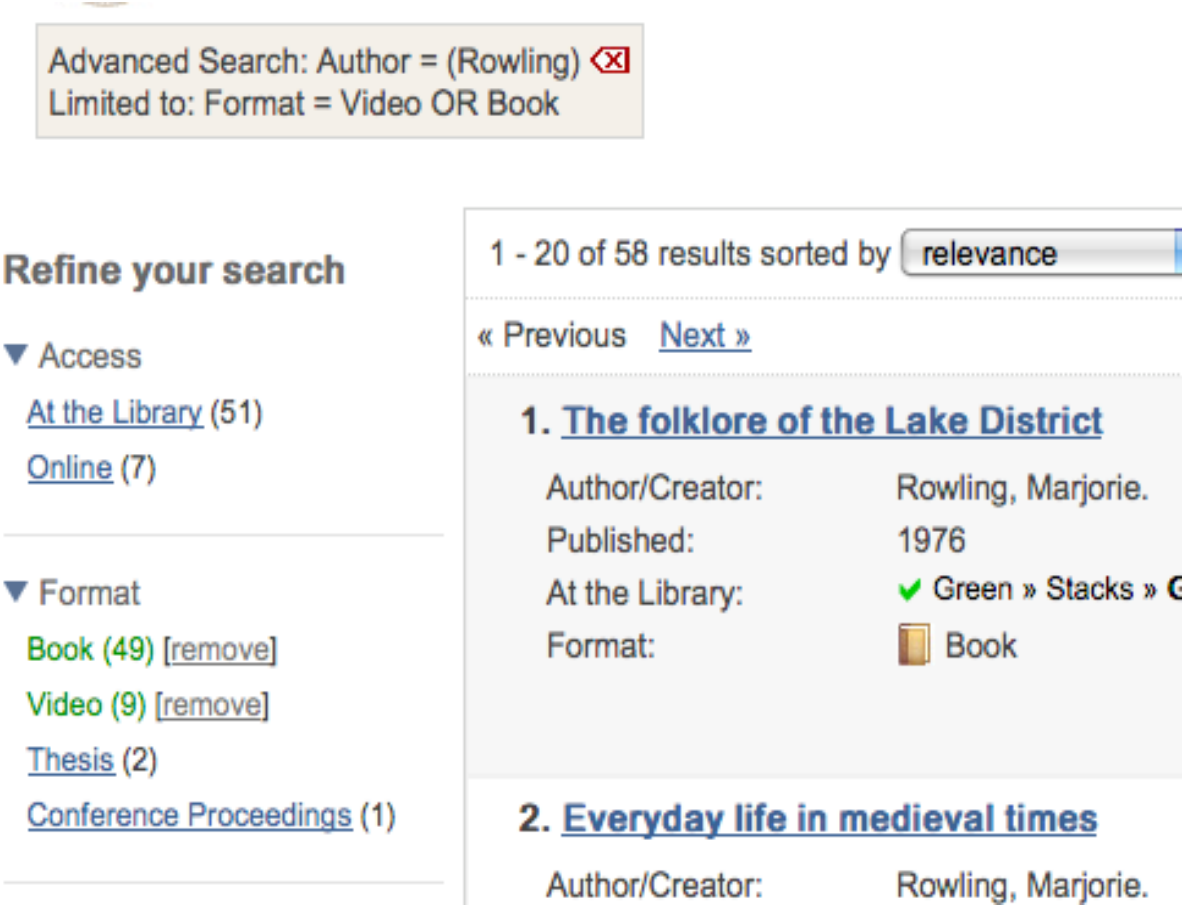
- **Multi-select facets**
  - **Make the user easily aware of the current facet selections**
- **Integration with current UI**
  - **Faceting**
  - **Search Breadcrumbs**

Multi-select Facets





Actionable facets in search results

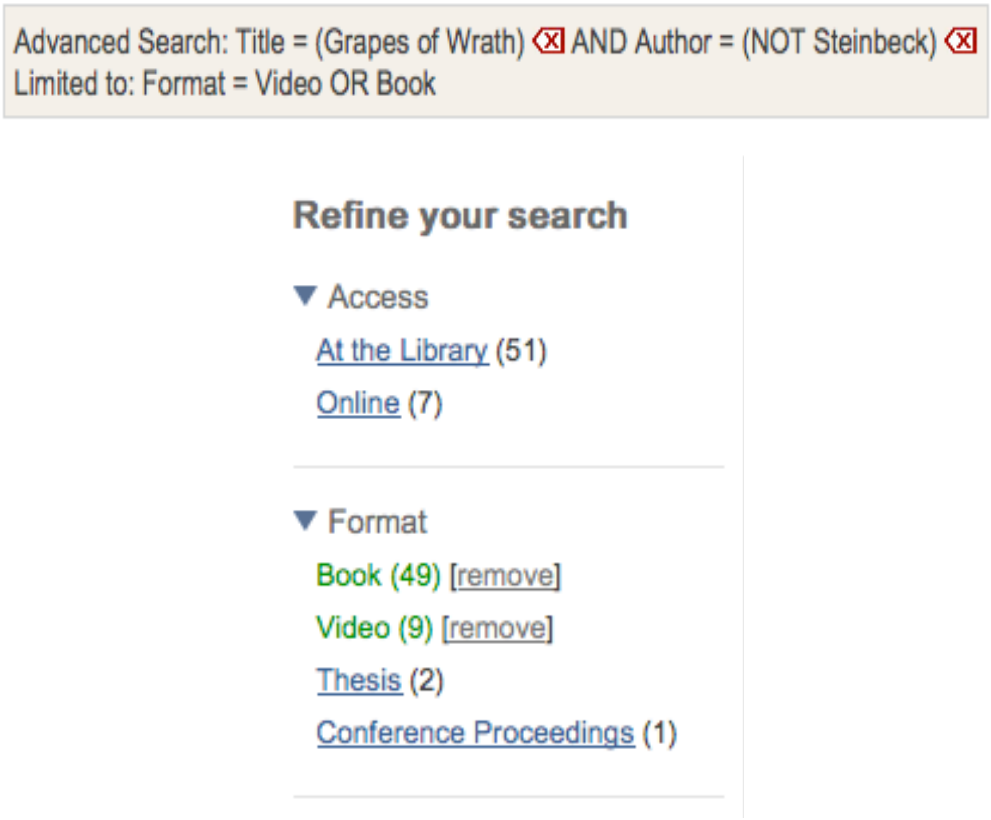


Actionable facets in search results

Advanced Search: Author = (Rowling)
Limited to: Format = Video OR Book AND Thesis

Integration with current UI

- Remove links for facets only in refine column
  - Constraints area gets too cluttered with that many potential remove links
- You remove entire search fields not individual words from constraints
  - This too reduces clutter



Advanced Search in Blacklight

- Separate installable plugin
- 1 configuration file
- Configuration file does 2 things
  - Generates the advanced search form
  - Maps settings in request handler for query parser

```
BlacklightAdvancedSearch.configure(:shared) do |config|
  config[:advanced] = {
    :qt => "advanced_search",
    :fields => [:author,:title,:subject,:keyword,:numbers],
    # Author
    :author => {
      :pf => "pf_author",
      :qf => "qf_author"
    },

    # Title
    :title => {
      :pf => "pf_title",
      :qf => "qf_title"
    },

    # Subject
    :subject => {
      :pf => "pf_subject",
      :qf => "qf_subject"
    },

    # Keword (metadata)
    :keyword => {
      :pf => "pf_keyword",
      :qf => "qf_keyword"
    },

    # Number
    :numbers => {
      :qf => "qf_number"
    }
  }
end
```

“Huzzah!”