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Ebookmobile: Delivering Subject-Specific Ebooks to Your Inbox

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Ebookmobile: Delivering Subject-Specific Ebooks to Your Inbox

Kathryn Lybarger, University of Kentucky

ELUNA

May 10, 2012

Abundance and Austerity

- An abundance of information is available
- Scarcity of resources needed to identify and process it
- True for both libraries and their patrons



Patrons are busy



- They need **library resources**
- They need **very specific library resources**
- They need to know about **new ones** as they become available

Selective Dissemination of Information

- Concept formalized in the 1950's
- On an ongoing basis:
 - Find new resources based on an interest profile
 - Alert the patron
- Alerts may be email, RSS, text messaging



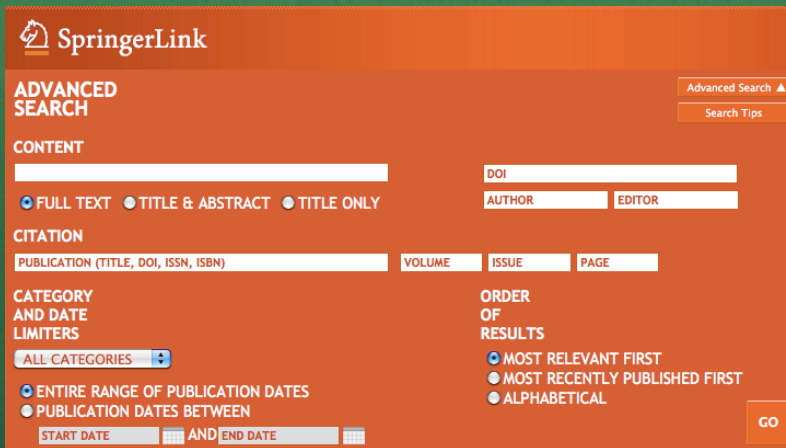
New book shelf



Ebooks don't fit on a shelf

- Not physical, visible, browseable objects
- Ebooks selected hundreds (or thousands) at a time
- Lengthy title lists are not useful
- Related items may not be collocated

Vendor sites are searchable



SpringerLink

ADVANCED SEARCH Advanced Search ▲
Search Tips

CONTENT

DOI

FULL TEXT TITLE & ABSTRACT TITLE ONLY AUTHOR EDITOR

CITATION

PUBLICATION (TITLE, DOI, ISSN, ISBN) VOLUME ISSUE PAGE

CATEGORY AND DATE LIMITERS

ALL CATEGORIES ▾

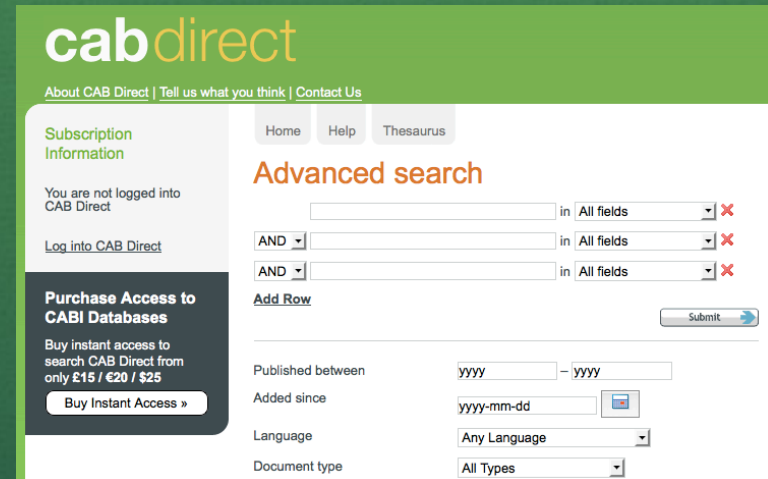
ENTIRE RANGE OF PUBLICATION DATES
 PUBLICATION DATES BETWEEN

START DATE AND END DATE

ORDER OF RESULTS

MOST RELEVANT FIRST
 MOST RECENTLY PUBLISHED FIRST
 ALPHABETICAL

GO



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Advanced search

You are not logged into CAB Direct

in All fields ✕

AND in All fields ✕

AND in All fields ✕

Add Row Submit

Published between yyyy - yyyy

Added since yyyy-mm-dd

Language Any Language

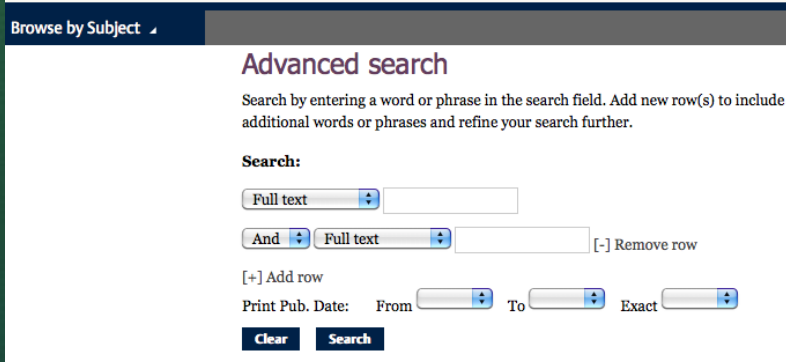
Document type All Types

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Browse by Subject ▾

Advanced search

Search by entering a word or phrase in the search field. Add new row(s) to include additional words or phrases and refine your search further.

Search:

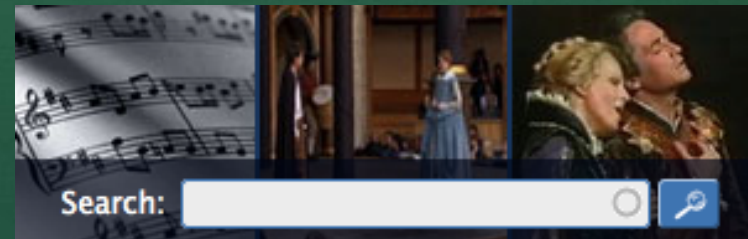
Full text

And Full text [-] Remove row

[+] Add row

Print Pub. Date: From To Exact

Clear **Search**



Some vendors have alerts

[Home](#) [Textbooks](#) [Multimedia](#) [Q&A](#) [Drugs](#) [Updates](#) [Dx Tests](#) [DDx](#) [Guidelines](#) [Quick Answers](#)

All AccessMedicine ▼

search

[Enable
Autosuggest](#)

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Updates Include:

- Concise Reviews and Editorials
- Medical News
- Updates to the books
- New drug therapies
- Late-breaking clinical trial data

...but that's not sufficient

- That's a lot of places to check!
- We may not subscribe to all of a vendor's content
- Patrons may only care about narrow subjects

Catalog ebooks

- Ebooks from all vendors gathered in one place
- Catalog records have useful information indexed for searching
- Links proxied for use off-campus

Keywords?



Subject headings?

- May work somewhat:
 - Fruit trade
 - Fruit trade – History
 - Fruit trade – Ohio
- Broad interests may not find narrower subjects:
 - Algebra
 - Matrices
 - Eigenvalues



Classification!



- QA150-255 – Algebra
 - QA188-196 – Matrices
 - QA193 – Eigenvalues and eigenvectors
- Specifying a broad range will find books on specific narrow subjects as well

Do/Should ebooks have call numbers?

- They aren't actually shelved in the stacks
- Patrons may look at the shelf anyway
- Extra work to assign classification

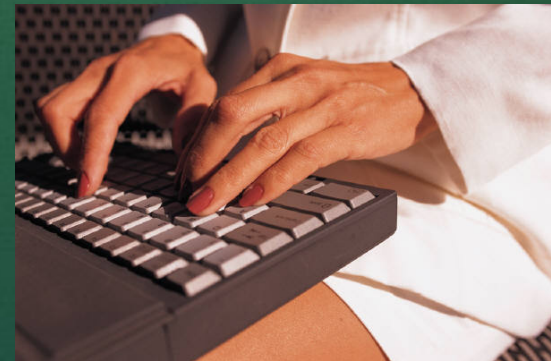


Classification is often available

- Ebook records are often based on print records
- May appear in bibliographic record, not holdings
- Without call number indexed, searching difficult

Difficult, but...

- Database (blob) searches can be done
- Same searches to be repeated often
- Update results of old search



Ebookmobile

- Software developed at the University of Kentucky
- Finds new ebooks in Voyager based on classification in bibliographic record
- Sends alerts via Atom feed



New titles list for print

RSS UK Libraries New Titles RSS Feeds By Subject

- General Works
- Philosophy, Psychology
- [Religion: Religions, Hinduism, Judaism, Islam, Buddhism](#)
- Christianity, Bible
- Auxiliary Sciences of History
- History (General) and History of Europe
- History of Asia, Africa, Australia, New Zealand, etc.
- History: American (Western Hemisphere)
- Geography, Maps, Anthropology, Recreation
- Social Sciences
- Political Science
- Law
- Education
- Music and Books on Music
- Fine Arts

Why re-invent the wheel?

- We don't classify our ebooks in our holdings
- No labeling / processing delay
- When licensing allows, multiple patrons can use simultaneously



Multiple classifications

- A title about SQL may be classified:
 - QA76.73.S67
 - Mathematics – Instruments and machines – Calculating machines – Electronic computers. Computer science – Digital computers – Programming languages – Individual languages, A-Z – SQL. MySQL
 - HF5548.5.S65
 - Commerce – Business – Data processing – Computer program languages or markup languages, A-Z – SQL/ ORACLE

Create new feeds

New EBook Feed request

Title

Call Number:
 —

Call Number:
 —

Call Number:
 —

Atom feed (rendered by Safari)

Math

Definitive guide to GCC EbookMobile Today, 10:21 PM

Definitive guide to GCC [electronic resource] / William von Hagen.



[Read more...](#)

Human-Computer Interaction: Design and Development Approaches EbookMobile Today, 10:21 PM

Human-Computer Interaction: Design and Development Approaches [electronic resource] : 14th International Conference, HCI International 2011, Orlando, Florida, USA, July 16-21, 2011 / Julie A. Jacko (ed.)



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Feeds in your email: Outlook

Math

Search Math

Arranged By: Date Newest on top

Today

- EbookMobile** 10:38 PM
- Computation, cooperation, a...
- EbookMobile** 10:38 PM
- Software composition
- EbookMobile** 10:38 PM
- Algorithms and models for th...
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- Inductive logic programming


Definitive guide to GCC

EbookMobile

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Posted On: Wed 4/11/2012 10:38 PM

Definitive guide to GCC [electronic resource] / William von Hagen.



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The definitive guide to GCC

Title:	The definitive guide to GCC [electronic resource] / William von Hagen.
Author:	Von Hagen, William.
Other Author(s):	SpringerLink (Online service)
Publisher:	Berkeley, CA : Apress, c2006.
ISBN:	9781430202196 (electronic bk.) 143020219X (electronic bk.)
Description:	2nd ed. xxix, 550 p. : ill.
Format:	Book
Subjects:	Compilers (Computer programs)
Internet Access:	SpringerLink -- CLICK HERE for Internet access to title
Notes:	Includes index. Electronic reproduction.

Subscribe to feeds: Feed readers

The image shows a screenshot of the Google Reader web interface. At the top, there is a search bar labeled "Search Reader" and a "Google" logo. Below the search bar, the word "Reader" is displayed in red. To the right of "Reader" are several control buttons: a refresh icon, a dropdown menu showing "24 new items", a "Mark all as read" button, and a "Feed settings..." dropdown. A yellow notification banner at the top of the feed area reads "You have subscribed to 'Electrical Engineering.'". On the left side, there is a sidebar with a "SUBSCRIBE" button and a list of feeds under the heading "library (57)". The feeds listed include "Electrical Engine..." (24 items), "Typo of the day fo..." (3 items), "KVUG", "East Asian library r...", "The FRBR Blog", "KLA Academic Li..." (2 items), "eastlib (8)", "Youth Lit Matters", "Cataloging and Me...", "Collections Preserv...", and "File Formats Blog". The main content area displays a feed item titled "Information security theory and practice" with a star icon. The item's description reads: "Information security theory and practice [electronic resource] : security and privacy of mobile de communication : 5th IFIP WG 11.2 international workshop, WISTP 2011, Heraklion, Crete, Gree 2011 : proceedings / Claudio A. Ar". Below the text is a placeholder image of a book cover. At the bottom of the item, there are interaction options: a star icon, a "+1" button with a count of "0", a "Share" button, an "Email" button, a "Keep unread" checkbox, and an "Add tags" button.

Google

Search Reader

Reader

24 new items

Mark all as read

Feed settings...

You have subscribed to "Electrical Engineering."

Information security theory and practice ☆


Information security theory and practice [electronic resource] : security and privacy of mobile de communication : 5th IFIP WG 11.2 international workshop, WISTP 2011, Heraklion, Crete, Gree 2011 : proceedings / Claudio A. Ar

library (57)

- Electrical Engine... (24)
- Typo of the day fo... (3)
- KVUG
- East Asian library r...
- The FRBR Blog
- KLA Academic Li... (2)
- eastlib (8)
- Youth Lit Matters
- Cataloging and Me...
- Collections Preserv...
- File Formats Blog

☆ +1 0 Share Email Keep unread Add tags

Share feeds: LibGuides



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UK Libraries » Research Guides » Kathryn's test LibGuide Admin Sign In

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New Math Ebooks

- Definitive guide to GCC
- Human-Computer Interaction: Design and Development Approaches
- Operators, geometry and quanta
- [Systems, software and services process improvement](#)
- Computat applicatio

[View Fee](#)
Comments (0)

Summary
Systems, software and services process Improvement [electronic resource] : 18th European conference, EuroSPI 2011, Roskilde, ...

Subject Guide



Kathryn Lybarger

Links:
[Profile & Guides](#)

Under the hood

- Feeds are Atom 1.0 (similar to RSS)
- Code written in PHP / Javascript
 - Running on separate server (not Voyager)
- A MySQL database stores:
 - Feed specifications
 - Cached information about ebooks, updated daily
- Google Books API for covers



Decisions, decisions

- What makes an ebook new?
 - Only when newly cataloged?
 - When modified?
 - When certain fields (classification) modified?
- How far back to show in feed?
 - Two weeks? One month?
 - Different per feed?

Status / Future plans

- Currently testing with just a few feeds/patrons at UK
- Open more broadly to University of Kentucky library patrons (June 2012)
- Open more broadly to other Voyager customers (Fall 2012)

My questions

- Is EBM more useful as open-source software or as a service?
- Should Patron-Driven Acquisitions discovery records appear on feeds?

Any other questions?