

The Future of the OPAC

Newfoundland & Labrador Library Association

May 2nd, 2008

Lisa Goddard

Emerging Services Librarian

Memorial University Libraries

State of the OPAC

- Old technology, proprietary architecture
- Not easy to customize or integrate with other services
- Weds an inventory control tool with a discovery tool
- Functions reasonably well for locating known physical items cataloged within the library's collection.
- Marketplace provides a disincentive for vendors to re-write their ILS “code monolith”

State of the OPAC: ILS Vendors

Company	ILS Product	Market	Open Source
Innovative Interfaces	Millenium	Academic	N
SirsiDynix	Symphony	Public, Academic, K-12	N
Ex Libris	Aleph, Voyager	Academic	N
Follet	Destiny	K-12	N
Auto Graphics	AGent VERSO	Small libraries	N
Polaris	Polaris ILS	Public	N
TLC	CARLX	Public	N
LibLime	Koha	Small libraries	Y
Equinox	Evergreen	Public	Y

Missing OPAC Functionality

- Spell checking
- RSS Feeds
- De-duping (FRBR)
- Relevancy Ranking
- Faceted search results
- User-generated reviews
- End-user tagging, bookmarking, alerting services
- Support for non-MARC formats
- Integrated searching with other sources

OPAC Add-Ons

Company	Add-On Product	Features
Innovative Interfaces	Encore	Relevancy, Facets, Tagging, Ratings, Federated Search
SirsiDynix	Enterprise, Single Search	Relevancy, Facets, Federated Search
Ex Libris	Primo, Metalib	Relevancy, Facets, Federated Search
LibLime	Koha Zoom	Integrated Federated Search
TLC	Endeca, Aquabrowser	Relevancy, Facets, Visual Search
Serials Solutions	360, Webfeat, Vivisimo	SaaS, Facets, Federated Search
OCLC	Worldcat Local	SaaS, Facets
Homegrown/Open Source	Scriblio, VuFind, Drupal, Fac-Back-OPAC (Solr)	OPAC Replacements, Relevancy, Facets, Tagging, Reviews

The Big Issues

- Maintenance
- Search
- User-generated content
- Integration

Maintenance

Maintenance: Solutions

- High overhead for maintaining MARC records
- Authorities processing services (e.g. Marcive)
- TOC services (e.g. Blackwell's North America)
- Content Enrichment (e.g. book covers, reviews, author bios)
- Serials Solutions MARC record service
- OCLC delivery of MARC records that match the materials you order through vendors, library holdings automatically updated in WorldCat.
- Software as a Service: Remote hosting of ILS/OPAC

Maintenance: WorldCat Local

- Uses bibliographic records from Worldcat.org
- Relevancy ranking
- Multiple versions of a work together under one record
- Faceted browse
- Citation formatting/exporting
- Cover art and additional evaluative content.

Search: semantic web


University of Washington Libraries

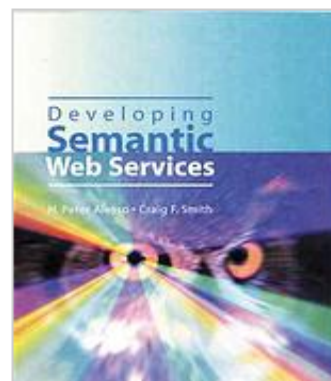
Go

[Advanced Search](#)

Developing Semantic Web services

by [H P Alesso](#); [C F Smith](#)

Type:  Book; English
 Publisher: Natick, Mass. : A K Peters, ©2005.
 Editions: [6 Editions](#)
 ISBN: 1568812124 9781568812120
 OCLC: 54822014
 Related Subjects: [Semantic Web.](#) | [Web services.](#) | [Web sémantique.](#) | [More Subjects ...](#)
 Citations: [Cite this Item](#) | [Export to EndNote](#) | [Export to RefWorks](#)



Get this Item

[Preview Item \(Google Books\)](#)

[Request Item](#)

☒ [University of Washington Libraries \(4 of 5 copies available\)](#)

U of Washington

Tacoma Stacks	TK5105.88815 .A55 2005 text	MISSING
Tacoma Stacks	TK5105.88815 .A55 2005 text	AVAILABLE
Tacoma Media	TK5105.88815 .A55 2005 disc	AVAILABLE
Bothell/CCC Stacks	TK5105.88815 .A55 2005 text	AVAILABLE
Bothell/CCC Circ Desk	TK5105.88815 .A55 2005 disc	AVAILABLE

Search

Athens County Public Libraries

Your Account

Search Library Catalog Search Advanced Search

"salmon rushdie" returned 12 results. Limit to [currently available items](#).

Refine Your Search

Field-weighted, Relevance Ranked Re-sort [?]

Places

- [Jammu and Kashmir \(L...\)](#) (1)
- [South Asia](#) (1)
- [India](#) (1)
- [New York \(N.Y.\)](#) (1)

Topics

- [Popular music](#) (6)
- [Composers](#) (2)
- [Talking Books](#) (2)
- [Women singers](#) (2)
- [Photographers](#) (2)

Show More

Branches

- [Athens](#) (11)
- [Wells \(Albany\)](#) (4)

[East, west](#) by [Rushdie, Salman.](#)

- Random House, ; New York, NY : - 2 sound cassettes (3 hrs.) : : Unabridged..

Copies available at: Athens (1),



[AC Rushdie](#)

[Place Reserve](#)

[Fury : a novel /](#) by [Rushdie, Salman.](#)

- 2001 - Random House, ; New York : - 259 p. ; ; 25 cm.

Copies available at: Wells (Albany) (1), Athens (1),



[AF Rushdie](#)

[Place Reserve](#)

[The Moor's last sigh /](#) by [Rushdie, Salman.](#)

- 1996 - Pantheon Books, ; New York : - 435 p. ; ; 25 cm.

Copies available at: Wells (Albany) (1), Athens (1),



[AF Rushdie](#)

[Place Reserve](#)

Search: Spelling

- Third party add-on: Lucien spell check

The screenshot shows the top navigation bar of the Socrates: Stanford's Online Catalog. The header includes the SUOLAIR logo and links to E-JOURNALS, DATABASES, OTHER CATALOGS, INTERLIBRARY LOAN, MY ACCOUNT, and ASK US. Below the header, the site title "Socrates: Stanford's Online Catalog" is displayed. A search navigation bar contains links for Simple Search, Combined Search, Call No. Browse, Electronic Resources, and Course Reserves. The Simple Search link is highlighted. Below the navigation bar, a row of links includes Go Back, Help, New Search, Email Print/Save, and Exit/Home. The main content area shows the search results for the query "sematic and web", indicating it is record 1 of 1. A spelling correction is displayed below the results: "Did you mean: *semantic* and web".

SUOLAIR E-JOURNALS | DATABASES | OTHER CATALOGS | INTERLIBRARY LOAN | MY ACCOUNT | ASK US

Socrates: Stanford's Online Catalog

Simple Search Combined Search Call No. Browse Electronic Resources Course Reserves

Go Back | Help | New Search | Email Print/Save | Exit/Home

record 1 of 1 for search "sematic and web"

Did you mean: *semantic* and web

Search: Relevancy ranking

- Traditional Boolean, Last-in First-out sorting is not very good for large result sets or full-text indexes.
- Relevancy ranking algorithms are based on:
 - Term frequency
 - Inverse document frequency (the fewer times the term shows up in the entire database, the more important, or unique, it is.)
 - Field weighting (allows a word to be considered more relevant if it appears in certain fields e.g. 245)
 - Proximity of query words
 - Stemming: variant word forms

Your Current Search



Anywhere

'million'

Refine Your Search

☐ Currently available☐ Available online☐ New titles

Subject

History (244)

United States (164)

Politics and government (80)

Finance (65)

Appropriations and
expenditures (55)[Show more](#)

Genre

Congresses (83)

Fiction (82)

Biography (60)

Early works to 1800 (59)

Broadside (50)

[Show more](#)

Format

Book (1327)

Online (416)

Results 1 - 10 of 1825

Sort By: Relevance

[Brief View](#) | [Full View](#)1. **The Spanish earth [videorecording] ; The 400 million.**

Published: c2000.

Format: Video DVD

D.H. Hill Library

Media Collection	PN1997.99 .S6883	Available
(2nd floor, West Wing)	2000	

2. **Million Man March/Day of Absence : a commemorative anthology : speeches, commentary, photography, poetry, illustrati...**

Published: [c1996]

Format: Book

D.H. Hill Library

Stacks (3rd floor)	E185.86 .M54 1996	Available
--------------------	-------------------	-----------

Satellite Shelving Facility

Stacks	E185.86 .M54 1996	Available
--------	-------------------	-----------

African American Cultural Center Reading Room

Stacks	E185.86 .M54 1996	Available
--------	-------------------	-----------

Stacks	E185.86 .M54 1996	Available
--------	-------------------	-----------

Stacks	E185.86 .M54 1996	Available
--------	-------------------	-----------

3. **D&B million dollar directory**

Published: 1997-

Format: Serial

Call Number

Publication Year

Location

Format

Subject

History (5)

Bills, Legislative (3)

Constitutional law (3)

History Sources (2)

Representative government... (2)

Elgin, James Bruce, Earl ... (2)

Foreign relations (1)

Description and travel (1)

Commerce (1)

Emigration and immigratio... (1)

Appropriations and expend... (1)

Colonization History (1)

Legislative bodies Reform (1)

Metcalf, Charles Theophi... (1)

Administrative acts (1)

Lower Canada. Special Cou... (1)

Publication Type

Language

33 matching items.

You searched in 'Anywhere': [canada \(remove\)](#)You browsed by Subject: [Politics and government \(remove\)](#)You browsed by Subject: [Colonies Administration \(remove\)](#)

Results/page: 20

1. **Canada [electronic resource] : return to an address of the Honourable the House of Commons, dated...** 
Author/Editor: Great Britain. Colonial Office.
Published: [London : s.n., 1830]
Link to online resource - *McMaster only
e-Book Online
2. **Canada [electronic resource] : further correspondence relative to the affairs of Canada** 
Author/Editor: Great Britain. Parliament.
Published: [London : HMSO, 1840]
Link to online resource - *McMaster only
e-Book Online
3. **...extracts of correspondence relative to the reunion of the provinces of Upper and Lower Canada [el...].** 
Author/Editor: Great Britain. Parliament.
Published: [London : HMSO, 1840]
Link to online resource - *McMaster only
e-Book Online

Search: Visualization

- Translations, spelling variations, related terms are presented as a clickable map beside the search results.
- Clicking on a term helps to refine your original search .
- Aquabrowser, Grokker

Search:

feminism

go

Advanced Search

Results 1 – 10 of about 4,000 for feminism, sorted by: relevance



Book

[The coming of Lilith](#)

essays on feminism, Judaism, and sexual ethics, 1972–2003
Judith Plaskow, Donna Berman

Call number: 296.082 P

Year: 2005

Found: Feminism (4) ; Judaism (5) ; feminist (7)

Subject: women in judaism, feminism, ...

Book

[Standing again at Sinai](#)

Judaism from a feminist perspective
Judith Plaskow

Year: 1990

Found: Feminism (1) ; Judaism (2) ; feminist (1)

Subject: women in judaism, feminism

Book

[The voice of Sarah](#)

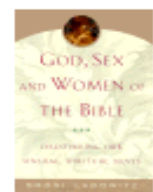
feminine spirituality and traditional Judaism
Tamar Frankiel

Call number: 296.082 F

Year: 1995

Found: Feminism (1) ; Judaism (3) ; feminine (1)

Subject: women in judaism, jewish women, ...



[God, sex, and women of the Bible](#)

discovering our sensual, spiritual selves
Shoni Labowitz

Call number: 221.922 L

Year: 1998

Found: Feminism (2) ; Judaism (1) ; feminist (1)

Subject: women in the bible, bible and feminism, ...


User Generated Content

User Generated Content: Tagging

- Allows end users to bookmark items
- Allows professors to tag books for their classes
- Allows instruction and reference librarians to tag books for specific assignments
- Allows collection librarians to tag gifts with donor name

User Generated Content: Tagging

[MTC Library Home](#) - [Contact Us](#) - [Site Index](#)



Library

View: [Cloud](#) | [Alphabetic List](#)

african-american_studies (28) alice_walker (9) ambrose_bierce (15) august_wilson (9) autism (9) baseball (9)
basketball (16) bobbie_ann_mason (9) capps (8) dorothy_parker (9) edgar_allan_poe (29) eng102 (24)
ernest_hemingway (7) family_violence (15) flannery_o'connor (27) flannery_o'connor_criticism (38)
gay_and_lesbian_studies (36) grego (9) html (17) information_literacy (8) james_baldwin (13)
jewish_studies (40) john_cheever (11) john_steinbeck (12) john_updike (17) john_updike_criticism (13)
joyce_carol_oates (16) langston_hughes (13) linux (10) literary_journals (21) michelangelo (8)
nathaniel_hawthorne (16) native_american_studies (8) opposing_viewpoints (29) php (10) procrastination
(19) raymond_carver_criticism (9) real_estate (15) richard_wright (14) sat (8) shirley_jackson (8) smith (10)
southern_culture (13) tag (8) **weight_loss** (82) william_faulkner (23)
william_faulkner_criticism (82) women's_studies (14) zora_hurston (15)
zora_neale_hurston_criticism (10)

Refine by:

► SEARCH FOUND IN

Title (11)

Subject (10)

► FORMAT

PRINTED MATL (16) 

► COLLECTION

Curriculum/Juvenile

Collection (1)

Special Collections (1)

► LANGUAGE

English (16)

► PUBLISH DATE

2006 (1)

2005 (2)

2004 (3)


2003 (6)

2002 (2)

+ more

Searched: semantic web (1- 16 of 16)

Sorted by Relevance | [Title](#) | [Date](#)

 (1 - 9) Most Relevant



The Semantic Web : crafting infrastructure for agency

Leuf, Bo.

Chichester, England ; Hoboken, NJ : John Wiley, c2006.

AVAILABLE - Storage - TK5105.88815 .L48 2006

☒ [Request this title](#)

2006



Information sharing on the semantic Web

Stuckenschmidt, Heiner.

Berlin ; New York : Springer, c2005.

AVAILABLE - Storage - TK5105.88815 .S84 2005

☒ [Request this title](#)

2005



A semantic Web primer

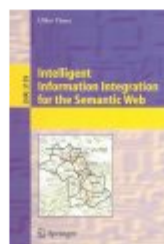
Antoniou, G. (Grigoris)

Cambridge, Mass. : MIT Press, c2004.

AVAILABLE - Storage - TK5105.88815 .A58 2004

☒ [Request this title](#)

2004



Intelligent information integration for the Semantic Web

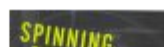
Visser, Ubbo.

Berlin ; New York : Springer, c2004.

AVAILABLE - Storage - TK5105.88815 .V58 2004

☒ [Request this title](#)

2004



Spinning the semantic Web : bringing

2003

Recently Added:



[Information sharing on the semantic web](#)



[Ontology learning for the semantic web](#)



[A semantic web primer](#)

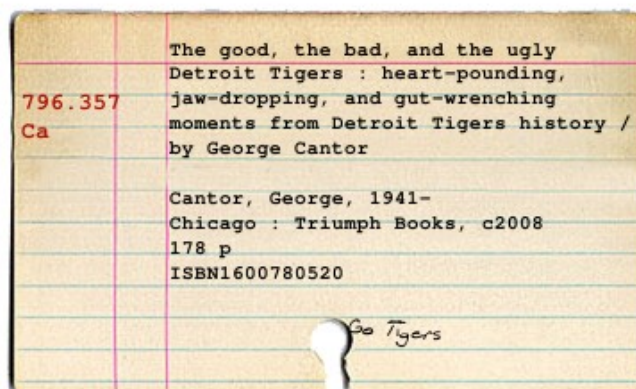
Other Sources:



[\(Show 245 results\)](#)

Refine by Tag:

[apprentissage par action](#) [artificial intelligence](#) [business enterprises](#) [cataloging of computer network resources](#) [content area reading](#) [ethnicity](#) [fresno](#) [faculty publications](#) [california state university](#) [information visualization](#) [internet knowledge management](#)

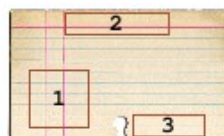


[View without comments](#)

Add a note to the card:

Use the following graphic to select which position you want to add your note:

Position 1:



Position 2:

Position 3:

[Add your marginalia!](#)

Lamson Library and Learning Commons

Search

[Search Library Catalog](#)

Search entire library,
including catalog:

Find

[Resources by Subject](#)
[Databases](#)
[Journal List](#)
[New Titles](#)
[Reserves](#)
[Grant Information](#)
[How To Cite](#)

Get Help

[Ask a Librarian](#)
[Ask the Infodesk](#)
[First Year Seminar](#)

Services

[Commons Cafe](#)
[Document Delivery \(ILL\)](#)
[Information Desk](#)
[Plymouth Academic Support Services \(PASS\)](#)
[Spinelli Archives](#)
[Writing Center](#)

Search

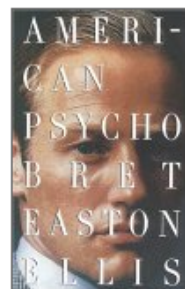
Your search found 33 items with all of the following terms:

- Keyword: [american psycho](#) [x]

Click [x] to remove a term, or use the facets in the sidebar to narrow your search.
[What are facets?](#) Results sorted by keyword relevance.

[1](#) [2](#) [3](#) [Next »](#)

American Psycho : A Novel



by Bret Easton Ellis
 Book1991

Description Now a major motion picture from Lion's Gate Films starring Christian Bale (Metroland), Chloe Sevigny (The Last Days of Disco), Jared Leto (My So Called Life), and Reese Witherspoon (Cruel Intentions), and directed by Mary Harron (I Shot Andy Warhol).
[summarized from Amazon.com](#)

Tags [Ellis, Bret Easton](#)

Availability

LOCATION	CALL #	STATUS
(UPPER LEVEL)	PS3555.L5937 A8 1991	AVAILABLE
(UPPER LEVEL)	PS3555.L5937 A8 1991	c.2 AVAILABLE

[Comments \(0\)](#) | [Click for location and availability](#)

Searching In

[Blog & Pages](#)
[Catalog](#)
[Entire Site](#)

Narrow by Subject

[united states](#)
[history and criticism](#)
[20th century](#)
[motion pictures](#)
[horror films](#)
[social aspects](#)
[popular culture](#)
[sex role](#)
[history](#)
[american fiction](#)
[religious aspects](#)
[moral and ethical aspects](#)
[civilization](#)
[cold war](#)
[periodicals](#)
[books and reading](#)
[expert testimony](#)
[violence in literature](#)
[1933-1945](#)
[co-dependents anonymous](#)
[mental deficiency](#)
[violence in motion pictures](#)
[psu counseling center :](#)
[stress and coping](#)



The kite runner

by [Khaled Hosseini](#)

Members	Reviews	Popularity	Average rating	Conversations
13,536	380	45	★★★★½ (4.3)	125

Recently added by: [selddine](#), [darlingmisty](#), [pioneercynthia](#), [BurlingtonNorthern](#), [clind07](#), [jadfair](#), [kgsimms](#) (see more)

Member reviews

Showing 1-3 of 380 ([next](#) | [show all](#))

[date ▼](#) | [votes](#)

- [Main page](#)
- [Details](#)
- **Member reviews** (380)
- [Recommendations](#)
- [Descriptions](#) (0)
- [Conversations](#) (125)
- [Common Knowledge](#)
- [Members](#)
- [Debris](#)

A gripping story of friendship, betrayal and forgiveness/redemption. When I finished this book I told everyone I knew about it. (★★★★★)


[kims-embroidery](#) | Apr 27, 2008 | [🔗](#)

I agree with everyone who wrote that this is a wonderful book and a must read... I must say that it was just too depressing and it seemed to become more and more depressing as it went on. I just didn't love the way the book made me feel. (★★★)

[quiebus](#) | Apr 27, 2008 | [🔗](#)

Winner of the Penguin/Orange Reader's Group Prize 2006 and 2007 this book was a compelling read. Ranging from the cold Afghanistan winter of 1975 with friends Amir and Hassan in Kabul flying kites to the plight of refugees fleeing to Pakistan in the most appalling of circumstances we follow Amir to America and finally his return to his homeland in 2001.

At times it is an almost unbearably sad and tragic tale. There are striking contrasts between terror and tenderness, love and the cowardice and vengefulness of bullying. The main theme is one of 'giving' in boundless amounts yet not asking for anything in return as exemplified in Hassan's

Buy, borrow, swap or view 

[Abebooks](#)
[Alibris](#)
[Amazon.com](#)
[Barnes & Noble](#)
[BookFinder.com](#)
[BookSense](#)
[Worldcat](#)

Swap this book (0/0)

Google Books: [Book info](#)

Popular covers



(see all 53 covers)

Ads by Google

[Kite Runner Study Guide](#)

589 quotes, each analysed
 Nail every exam question!
www.quotenotes.com.au

[Thousand Splendid](#)

Integration

Integration: Widgets

Find Books

Use the Library Catalogue to search for books.

Here are some suggested subject searches in the Library Catalogue:

- Folklore - Newfoundland and Labrador
- Tales - Newfoundland and Labrador
- Newfoundland and Labrador - Social life and customs
- Folk music - Newfoundland and Labrador

Find Reserves

To find reserves for your Anthropology course, type in the four digit number of your course.

ANTH

Or, search by **course instructor**.

Integration: RSS Feeds

- Saved searches
- New Books

Subscribe to feeds:

**Stay
up
to
date**



[This Search.](#)

Subscribe
via
[Bloglines](#),
[Google](#),
[RSS:FWD](#)
[Email](#).



[All Posts.](#)

Subscribe
via
[Bloglines](#),
[Google](#),
[RSS:FWD](#)
[Email](#).



[All Comments.](#)

Subscribe
via
[Bloglines](#),
[Google](#),
[RSS:FWD](#)
[Email](#).

Embedded feeds:

New Titles in Art

Featured Item - Malaysian Art

...

Art

- Art Spiegelman : conversations / edited by Joseph Witek.
- Visual shock : a history of art controversies in American culture / Michael Kammen.
- Art as theology : from the postmodern to the medieval / Andreas Andreopoulos.
- Manhood, marriage, and mischief : Rembrandt's Night watch and other Dutch group portraits / Harry Berger, Jr.
- Think like an architect / Hal Box.
- Indian art in detail / A.L. Dallapiccola.
- Vision, reflection, and desire in western painting / David Summers.

Integration: Linking & Bookmarking

- From “Scriblio” at Plymouth State

Link or embed this

Permalink

<http://library.plymouth.edu>

Embed Small

`<a href="http://library.p`

Embed Large

`<a href="http://library.p`

Bookmark this at



Integration: Union Indexes

- BlackLight at University of Virginia
 - ~3.7M MARC records
 - ~500 text object subset from the [Digital Collections Repository](#)
 - 320 Tang Dynasty Chinese poems from the [Chinese Text Initiative](#)
- Records are harvested into Solr/Lucene, and a common XML structure is applied to allow for searching and sorting of several sources simultaneously

<http://www.lib.virginia.edu/digital/resndev/blacklight.html>

Cite this Email this Add to favorites

Semantic Web services, processes and applications / edited by Jorge Cardoso, Amit P. Sheth.



Amazon

Other Authors: [Cardoso, Jorge](#), | [Sheth, A.](#)
 Language: English
 Published: New York, NY : Springer, c2006.
 Series: [Semantic web and beyond ;](#)
 Topic: [Semantic Web. - Web services.](#)
 Tags: No Tags, Be the first to tag this [Add record!](#)

Similar Items

- [Semantic web services concepts, technologies, and applications](#)
- [Developing Semantic Web services](#)
- [Semantic Web concepts, technologies and applications](#)
- [Enabling semantic web services the web service modeling ontology](#)
- [Reliable distributed systems technologies, Web services, and applications](#)

Holdings

Description

Comments

Reviews

Staff View

Copy	Status	Due Date	Call Number	On Reserve	Location	Get It
1	Available		005.713 S471 005.713 S 471		FM-3-NORTH	Place Hold

Search Options

[Search History](#)
[Advanced Search](#)
[Advanced Search](#)

Find More

[Browse the Catalog](#)
[Course Reserves](#)
[New Items](#)

Need Help?

[Search Tips](#)
[Ask a Librarian](#)
[FAQs](#)



UNIVERSITY OF WISCONSIN - MADISON

UW HOME

Libraries

Search Shortcuts

MadCat Catalog Shortcut

Words Anywhere

QuickSearch for Articles

General Resources

Top 10 Databases

Select

Find It

Locate e-journals and articles when you have a citation.

Books/Articles/Databases

MadCat Catalog (books & more)

WorldCat (worldwide catalog)

E-Resource Gateway
(find articles, databases...)

E-Journal Title List

New E-Resources

More Books & Databases

About the Libraries

Campus Libraries (hours, maps...)

Library Collections Info

Staff & Department Directory

Visitor Info

More Library Info

Library Services

My MadCat Account

Borrowing/Returning Materials

Article & Book Delivery
(InterLibrary Loan)

Course Reserves & Materials

Citation Managers
(RefWorks & EndNote)

More Services

Help & Guidance

Ask a Librarian

Research Tips & Tricks

Workshops, Classes & Tours

Subject Guides

More Help

Trends

- Decoupling the front-end interface from the back-end ILS
- Relevancy ranking & facets
- User-generated content
- Portability, exposing metadata to mash-ups
- Open architecture & web standards
- Catalogue as one of many useful targets

Further Reading

- Blyberg, John. ILS Customer Bill-of-Rights. Blyberg.net, 2005.
<http://www.blyberg.net/2005/11/20/ils-customer-bill-of-rights/>
- Tennant, Roy. Digital Libraries: "Lipstick on a Pig". Library Journal, 2005.
<http://www.libraryjournal.com/article/CA516027.html>
- Schneider, Karen. How OPACs Suck, parts 1-3. ALA Techsource, 2006.
<http://www.techsource.ala.org/blog/2006/03/how-opacs-suck-part-1-relevance-rank-or-the-lack-of-it.html>
- Tennant, Roy. "Lipstick on a Pig 2.0", Library Journal. May 24, 2007.
<http://www.libraryjournal.com/blog/1090000309/post/220009022.html>
- Schneider, Karen. Out of the Secret Garden: The RDA/DC Initiative. June 2007.
<http://www.techsource.ala.org/blog/2007/06/out-of-the-secret-garden-the-rdadc-initiative.html>

Further Reading

- Tennant, Roy. “Coyle on RDA”, Library Journal. March 26, 2008
<http://www.libraryjournal.com/blog/1090000309/post/1950023995.html>
- JISC & SCONUL. Library Management Systems Study: An Evaluation and horizon scan of the current library management systems ... for UK higher education. March 2008
<http://www.jisc.ac.uk/media/documents/programmes/resourcediscovery/lmsstudy.pdf>
- INGC4LIB listserv (Next Generation Catalogs for Libraries)
<http://listserv.nd.edu/archives/ngc4lib.html>
- Web4LIB discussion list <http://lists.webjunction.org/web4lib/>
- Lorcan Dempsey's blog, “Of libraries, services and networks”.<http://orweblog.oclc.org/>
- Marshall Breeding. Library Technology Guides & Automation System Marketplace.
<http://www.librarytechnology.org/>

Thank You.