Detroit Area Library Network

Library Automation Systems Industry Overview

A Community of Libraries

2012

DALNET Office

Overview

- Discovery Layer Interfaces

- Library Automation Platforms

- Implications for DALNET

Discovery Layer Interfaces (Single Search Catalogs)

Components of Discovery Interfaces

- **Single search** via compiled indexing, for integrated search of print and electronic resources, and institutional repositories

- Full-text searching of **article level resources** from databases

- **Link resolver**, built in, or working in conjunction with

- A major, **additional cost**, to the library system. Eventually we may see discovery interface costs bundled within the offerings of the new library automation platforms.

- **Next-Generation OPACs**: Relevancy ranking, spell checking and search suggestion, tagging, rating, reviews, faceted searching, RSS, SMS (text-messaging), enriched content

Implications for DALNET

- DALNET has hoped for years to adopt a **single search platform** but has never budgeted or planned for such a move.

- DALNET members are **discontented with our traditional**, aging OPAC.

- **Next-generation OPACs**, although not complete discovery tools, are still more advanced than our traditional OPAC.

- Next-generation OPACs and advanced Discovery Layers can be **implemented independently** from an integrated library system.

- **DALNET may plan to adopt** a major discovery platform simultaneous to a major system migration. An economical next-generation OPAC product may also provide some change for the interim.

Discovery Layer Interfaces

- EBSCO Discovery Service

- ExLibris Primo

- Innovative Interfaces, Inc. (III) Encore

- OCLC WorldCat Local

- SerialsSolutions Summons

- SirsiDynix Enterprise

- VuFind

Available

Refine your results
- Catalog Only
- Full Text (Online)
- Scholarly (Peer Reviewed) Journals

1650 | Publication Date | 2013

[Update] Show More »

Source Types
- ☑ All Results
- Academic Journals
- Periodicals
- News
- Books
- eBooks

[Update] Show More

▶ **Subject: Thesaurus Term**

▶ **Subject**

http://www.ebscohost.com/discovery/

•Full-text searching at the article level; additional fees for institutional repositories

•Integration with print resources

•Columbia College Chicago implementation at: http://www.lib.colum.edu/

⊞ **Integrated Search**

Additional resources cannot be displayed to guests. Login for full access.

⊟ **Associated Press News**

U. Iowa rebuilds art, mus... (AP Regional State Report ..., 1 days ago)

U. Iowa rebuilds art, mus... (AP Regional State Report ..., 1 days ago)

Artists to use pig statue... (AP Regional State Report ..., 7 days ago)

Find More

⊟ **Related Images**

Find More

ExLibris Primo

Available

http://www.exlibrisgroup.com/category/PrimoOverview

Refine My Results

Narrow my results by limiting the search to:

Availability:
> Online Resources (100)
> All Formats (209)

Resource Type:
> Books (206)
> Audio (34)
> Video (8)
> Scores (6)

Subject:
> Biology, Molecular (22)
> Biology, Cell (18)
> Popular music (15)
> Grammar, Comparative and general (13)
> Rock music (13)
> Biology, Genetics (11)

> Show 94 more

Tagging

> Click here to view additional versions of this item
→ This item in WorldCat®
→ Check for Amazon Search Inside

•Platform/ILS independent, as with most next-generation systems

•Includes some full-text searching, e-resource management, and a shared knowledge base

•New York University Libraries implementation at: http://www.bobcat.nyu.edu/

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III encore

Available

http://encoreforlibraries.com

Other Sources:

MICHIGAN LIBRARY mel — Find it in WorldCat

Show 237   Show 2284

Availability

At the library (3)

•Another early entry in the next-generation interfaces; from III

•Coupled with Pathfinder Pro, and Research Pro services, including article search results

•WSU implementation at:
http://encore.lib.wayne.edu

Format

Articles (100)
VISUAL MEDIA (2)
PRINTED MUSIC (1)
PRINT (1)

Refine by Tag:

characters in literature
comedy films   feature films
nursery rhymes   television
comedies   television programs
video recording for the
hearing impaired   video
recordings for the hearing
impaired   vocal trios with
instrumental ensemble

Collection

Undergraduate Library (2)
Purdy/Kresge Library (2)
Books (1)
DVD , Film, Video (2)
DVD and Video Only (2)

Articles and more:

Get more results:
♦Academic Onefile
♦ProQuestRL
♦JSTOR
♦ScienceDirect

[More resources]

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OCLC WorldCat Local

Available

http://www.oclc.org/worldcatlocal/

Libraries Worldwide ▼
- select search limit -
Libraries Worldwide
Wayne State University

Refine Your Search

Format
Visual material (31)
• Videocassette (18)
• DVD video (10)
Book (3)

Year
2002 (4)
2000 (3)
1980 (2)
1979 (4)
1971 (5)
Show more …

Language
English (27)
German (6)
Multiple languages (1)

• Part of OCLC's "WorldShare" platform

• Pulls in circulation data from your local system

• Includes cover images, reviews, tagging, and more

• Free Quick Start limited version of product:
http://www.oclc.org/worldcatlocal/quickstart/default.htm

• Check out WSU's version of the free implementation at:
http://wild.worldcat.org/

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SerialsSolutions

Summon™
Web Scale Discovery

Available

Refine your search

▼ **Content Type**
☑ Any
☐ Book / eBook (104,820)
☐ Newspaper Article (29,945)
☐ Journal Article (17,006)
☐ Government Document (10,402)
☐ Dissertation/Thesis (755)
☐ Book Review (410)
    more...

▼ **Subject Terms**
☑ Any
☐ history (16,347)
☐ united states (15,322)
☐ biography (5,508)
☐ history and criticism (4,692)
☐ bibliography (3,539)
☐ politics and government (2,777)
    more...

▼ **Publication Date**
    Any

http://www.serialssolutions.com/summon/

•Full-text searching at the article level

Relevance

•Integration with print resources

Frida Kahlo
online
by Phyllis Tuchman
Smithsonian, ISSN 0037-7333, 11/2002
In Nov 2002, the movie "**Frida**"
husband, renowned muralist Diego

📗 Journal Article: Full Text Online

•WMU implementation at:
http://wmich.summon.serialssolutions.com

pizza   Search

Select an item from the list: **Pizza**
Pizza   Pizza is the name of an oven-baked, flat,
Pizza delivery   usually round bread covered with tomato
Pizza Hut   sauce and cheese with other toppings
Mystic **Pizza**   optional. ...
Pizza Pizza   *Dish, Cuisine*

SirsiDynix Enterprise™

Available

Author
Stevens, Janet. (14)
Gibbons, Tony, ill. (11)
Ethan, Eric. (11)
More...

Library
Cromaine Library
Crossroads Branch

Format
Books (321)
Video disc (36)
Audio disc (9)
Sound recording (3)
More...

Language
English (368)
No linguistic content (1)

Publication Date
1997 (42)
2004 (38)
2001 (29)
More...

Subject
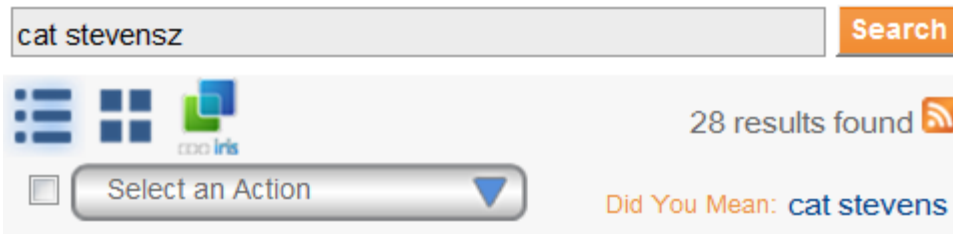Early reading material level 2. (22)

http://www.sirsidynix.com/products/enterprise/

• Possible to use as a website replacement for the library, with "Rooms" product built in

• Includes catalog and database searching

Magazine Articles
Select an Action

• Southern Maryland Regional Library Association implementation at:
http://smrl.ent.sirsi.net/client/default

cat stevensz   Search

28 results found
Select an Action
Did You Mean: cat stevens

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![vufind logo]

Available

http://vufind.org

Similar Items

📘 Design in nature : learning from trees /
By: Mattheck, C. 1947-
Published: (1998)

📘 Data book on mechanical properties of living cells, tissues, and organs /
Published: (1996)

🖥 Introduction to continuum biomechanics
By: Athanasiou, K. A.
Published: (2008)

📘 Newton rules biology : a physical approach to biological problems /
By: Pennycuick, C. J.
Published: (1992)

🖥 Biomechanics and modeling in mechanobiology
Published: (2002)

Top results from Articles & more

ALBUMS: Cat Stevens (Published in *Music Week*, 10/25/2003)

Cat Stevens' Israel Appearance Nixed (Published in *Jewish Exponent*, 11/13/2008)

Yusuf Islam AKA Cat Stevens (Published in *Human Events*, 10/04/2004)

More like this...

• One of the original / lasting open source discovery platforms

• OAI index harvesting; independent from ILS

• Original Villanova University implementation at: https://library.villanova.edu/Find/Search/Home

Comments | Reviews | Excerpt

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Library Automation Platforms
(The New Library Systems)

What Is A Platform?

- A computing platform includes some sort of **hardware architecture and a software framework** (including application frameworks), where the combination allows software, particularly application software, to run.

  – Wikipedia.org

- Cloud Computing: hosted technological infrastructure with no local installation, accessed via a Web browser

- Open Systems with Web APIs

Components of Library Platforms

- **Cloud computing**: hosted technological infrastructure with no local installation, accessed via a Web browser

- A **single system** for management of all library resources

- **Greater cooperation and shared data** among institutions

- **Combined workflows**, including digital asset management

- **Focus on fulfillment**, patron driven

- New and **open systems** with Web APIs

- **Scalability**: for small, large, and groups

Implications for DALNET

- DALNET has **waited to migrate** to a new system until there was a discernible difference in possible systems to adopt.

- Adoption of a library system platform would completely change the **technological infrastructure** of DALNET, i.e. greatly reduce the number of servers and their costs for maintenance.

- A new platform has the potential to allow DALNET members to **redesign workflows** for acquisition and processing of print and electronic resources, with more time to provide library services.

- DALNET would be able to **focus on services** instead of spending the bulk of time on running the system.

- Migration to a new system will necessitate a complete review and **shift in focus for DALNET annual operating costs**.

Library Automation Platforms

- ExLibris Alma, working with early adopters

- Innovative Interfaces, Inc. (III), Sierra, in development

- Kuali OLE (Open Library Environment), based on open source and open systems

- OCLC WorldShare, in general release

- SerialsSolutions Intota, announced at ALA Midwinter 2012

ExLibris Alma

CONSOLIDATE	OPTIMIZE	EXTEND
Consolidate the frameworks	Optimize through collaboration	Extend the range of services

Brochure

ExLibris
Alma

Unified Resource Management

Download Brochure

Alma FAQs

The Alma library management service and its Benefits - FAQs

Available In Development

The Next-Generation Library Services Framework

Ex Libris Alma supports the entire suite of library operations—selection, acquisition, metadata management, digitization, and fulfillment—for the full spectrum of library materials, regardless of format or location.

Unified resource management: Alma supports the entire suite of library operations for print, electronic, and digital resources

Collaborative Metadata Management: Alma brings highquality, shared metadata into the resource management environment in a unique, hybrid model that balances global sharing with local needs

Smart Fulfillment: Alma provides fulfillment services to users in terms that are easy to understand, while using unified workflows and analytics capabilities to streamline and optimize fulfillment workflows

Optimized resources and data: Alma simplifies library workflows by using a unique automated business processes and shared data

Cloud-based service: Offered as a cloud service to increase the return on investment and reduce the total cost of ownership of the library's infrastructure, and to provide access to shared data and services

Intelligent collection development: Alma allows you to maximize your collection development budget with selection, acquisitions, and evaluation processes informed by usage information, cost per use, and the holdings of peer collections.

Ex Libris open platform: Using web-based, open interfaces, Alma can be integrated seamlessly with other systems including external campus systems, and libraries can develop adapters and plug-ins to meet their institutions' unique needs

ExLibris Alma Library Management Services / URM (Unified Resource Management)/Primo
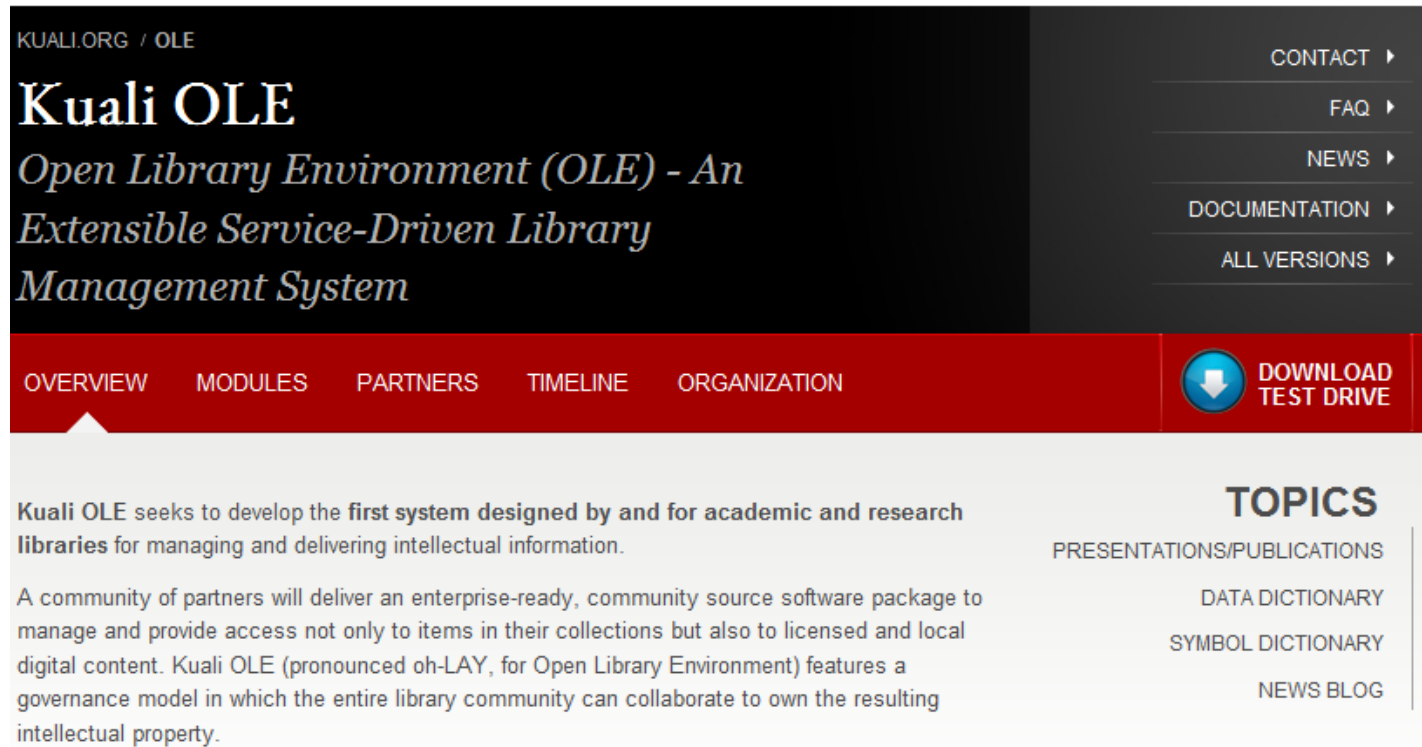http://www.exlibrisgroup.com/category/AlmaOverview
http://discoveralma.com/
http://www.exlibrisgroup.com/category/URM_ResourceCenter

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Innovative interfaces Sierra

Innovative Interfaces (III) Sierra/Encore
http://sierra.iii.com/

kuali foundation OLE

KUALI.ORG / OLE

Kuali OLE

Open Library Environment (OLE) - An
Extensible Service-Driven Library
Management System

CONTACT ▸
FAQ ▸
NEWS ▸
DOCUMENTATION ▸
ALL VERSIONS ▸

OVERVIEW   MODULES   PARTNERS   TIMELINE   ORGANIZATION

DOWNLOAD TEST DRIVE

Kuali OLE seeks to develop the **first system designed by and for academic and research libraries** for managing and delivering intellectual information.

A community of partners will deliver an enterprise-ready, community source software package to manage and provide access not only to items in their collections but also to licensed and local digital content. Kuali OLE (pronounced oh-LAY, for Open Library Environment) features a governance model in which the entire library community can collaborate to own the resulting intellectual property.

TOPICS

PRESENTATIONS/PUBLICATIONS
DATA DICTIONARY
SYMBOL DICTIONARY
NEWS BLOG

Kuali OLE
http://kuali.org/ole
http://kuali.org/OLE/Timeline

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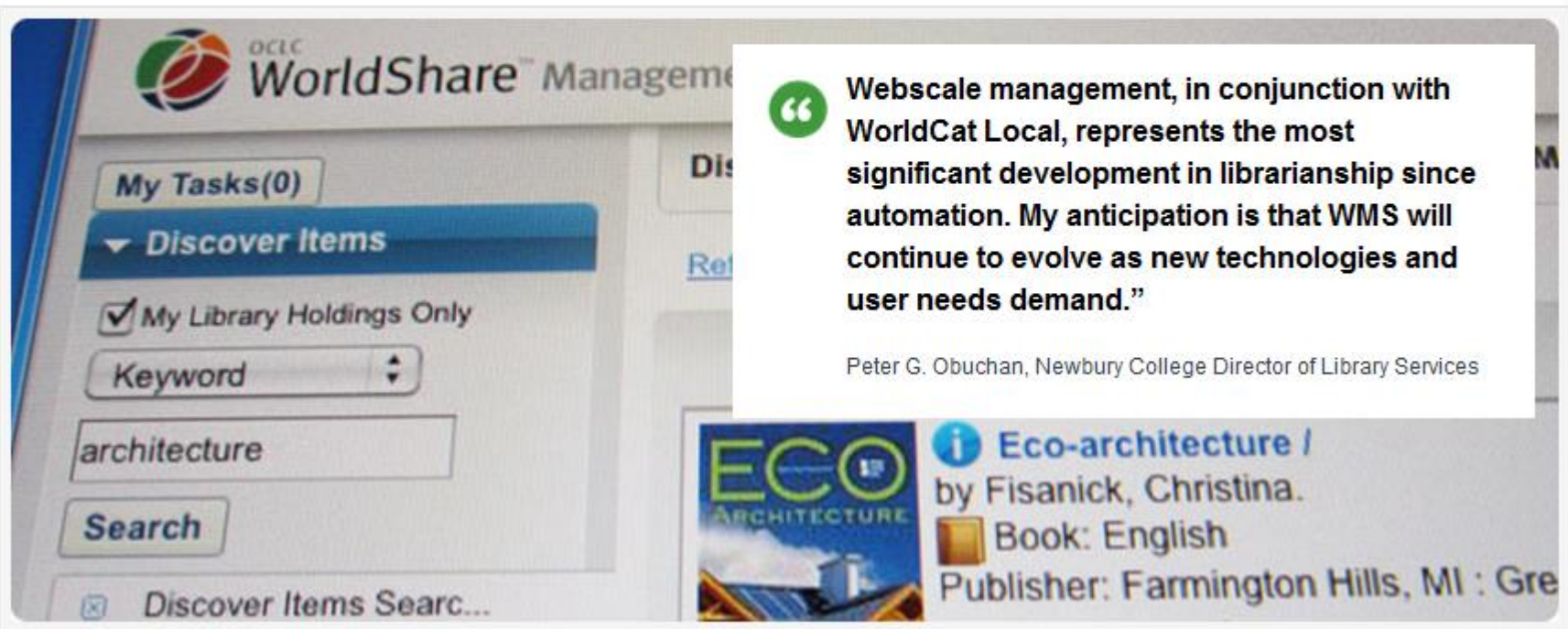
WorldShare

OCLC WorldShare™ Management Services

The first cooperative management service for libraries

WorldShare™ Manageme

My Tasks(0)

▼ Discover Items

☑ My Library Holdings Only

Keyword

architecture

Search

☒ Discover Items Searc...

Dis

Re

> "Webscale management, in conjunction with WorldCat Local, represents the most significant development in librarianship since automation. My anticipation is that WMS will continue to evolve as new technologies and user needs demand."
>
> Peter G. Obuchan, Newbury College Director of Library Services

ⓘ Eco-architecture /
by Fisanick, Christina.
Book: English
Publisher: Farmington Hills, MI : Gre

OCLC WorldShare Management Services
http://www.oclc.org/webscale/
http://player.multicastmedia.com/player.php?p=y7rehn9h (video)

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SerialsSolutions®
Intota™

Benefits

Shared Data Model

Metadata is maintained within KnowledgeWorks, our highly respected knowledgebase. We'll maintain it for you, saving you time and improving the accuracy of the information that powers your library.

Built-in Interoperability

Designed to not only allow you to manage your entire library's collection in one place, but also to interact with external systems such as finance, suppliers, and discovery services. By more tightly connecting all library activity, efficiencies are created, information is shared, and costs are reduced.

Redefined Workflows

Utilizing brand-new workflows designed in partnership with libraries to meet the reality of today's library operations. Streamlined workflows mean greater productivity, allowing resources to be reallocated to high- priority activities.

Lower Total Cost of Ownership

A true Software as a Service (SaaS) offering that provides cost savings at multiple levels. With no hardware or software to maintain, it eliminates the need for costly IT resources and expertise.

A Partner You Can Count On

A long history of delivering innovative solutions to meet the ever-changing needs of librarians including the first A-Z list, the first and most respected e-resources knowledgebase, the first MARC records updating service for serials, and pioneer of web-scale discovery. Development is underway using the same library-guided, Agile development process as used by the Summon™ service.

Enhanced Reporting

Measurement required by libraries today goes far beyond simple usage numbers. Our web-scale management solution maintains highly accurate information within one system that can be shared and enhanced via interaction with other library and campus systems, creating information that can be used for decision-making, performance evaluation, and alignment with the greater institution mission.

SerialsSolutions Intota
http://www.serialssolutions.com/en/services/intota

Future of the Library Systems

- Expansion of available library automation platforms within the next two years

- Increased importance of discovery interfaces that integrate print and electronic resources in a single search

- Integration of new library standards and adoption of non-library standards for open systems and linked data

Future DALNET Planning

- Laying a foundation: completed migration to union catalog (single database) in 2009/2010, clean up in 2011/2012

- Saving financial resources for a migration, planning financing for sustaining a new system

- Defining what is needed out of the next system, involving the complete membership of the consortium

- RFP (Request for Proposals) process

- Reviewing the market and hosting product demonstrations

References

There are no particular references for this presentation other than any hyperlinks provided.

For more information on the ILS Industry, companies, and products see the Library Technology Guides web site at:

http://www.librarytechnology.org

For links to various discovery layer interfaces visit the online list provided by LTG at:

http://www.librarytechnology.org/discovery.pl