Detroit Area Library Network

ILS Industry Overview

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Some Trends

- Migrations and new contracts in decline with economy

- Adoption of next-generation interfaces, single search, Web 2.0 and mobile technology

- Companies are focusing on add-on products and services

- ERM (electronic resource management)

- Reexamining conceptual models of the ILS

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New Concepts for New Systems

•URM from Ex Libris, a single system for management of all library resources

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

•OCLC Web Scale Services, cloud-based ILS, for general release in 2011/12

ILS Industry Overview

Consolidation and Ownership

•Mergers and acquisitions (Sirsi/Dynix, Endeavor/Ex Libris)

•Private equity and investment firms

•Privately owned companies (III, Follett, TLC)

•Non profit (OCLC)

•Open source (For the people by the people?)

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Open Source

- Made initial impression on the ILS market in 2006

- By 2007, support companies LibLime and Equinox

- No licensing; contracted installation, support, hosting

- Open source architecture for community development

- Making systems more "open" via APIs / web services

ILS Industry Overview

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Open Source Notes

- As more libraries adopt open source ILS more libraries will sponsor development of the systems

- Development will encourage commercial ILS vendors to adopt new features

- As open source systems become full-featured there will more adoption by larger libraries and more types of libraries

- More systems will become hosted and supported outside of the library

- The library community generally supports the theory of open source and open systems for ILS

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Company Overviews

Cambridge Information Group

http://www.cig.com

- Owner of ProQuest, WebFeat, Serials Solutions (Summon discovery portal, 360 suite including link resolving, central searching, and ERM including COUNTER reporting), Syndetic Solutions, AquaBrowser, R. R. Bowker publisher (exclusive marketer for LibraryThing for Libraries)

- Management of e-resources

- Provision of e-resources

- KnowledgeWorks proprietary database of indexing

- AquaBrowser was the initial next-generation OPAC, originally developed by Medialab in 2004

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EOS International (Electronic Online Systems)

http://www.eosintl.com

- Originally for special libraries, now offering academic system

- Providing Knowledge Management systems for corporate libraries for business strategies and reporting

- Partnered with EBSCO to offer an integrated search platform

- Launched ERM in 2010

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Evergreen and Equinox

http://www.open-ils.org   and   http://www.esilibrary.com/esi/

•PINES (Public Information Network for Electronic Services) consortium in Georgia, went live in September 2006

•Built for large scale consortia, scalable ILS; next release to incorporate serials and acquisitions (September 2010)

•Equinox formed to promote, support, develop the software; developers of Evergreen now with Equinox

•Conifer Project / Project Conifer http://projectconifer.ca/

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Ex Libris

http://www.exlibrisgroup.com

- Acquired by a private equity firm in 2006, changing hands again in 2008, Ex Libris is the second largest ILS vendor; maintains largest staff
- Acquired Endeavor Information Systems in late 2006, Voyager ILS
- Also offers Aleph ILS
- Primo discovery interface launched in 2007
- SFX Open URL resolver; also offers LinkFinder Plus, originally from Endeavor
- MetaLib federated search product
- Verde ERM
- Introduced Open Platform Program in support of open systems; offering APIs
- Caters to large academics, research libraries, and consortia
- Developing URM (Unified Resource Management) next-generation ILS
- bX Recommender Service launched in 2009

2010

ILS Industry Overview

III (Innovative Interfaces, Inc.)

http://www.iii.com

- A major ILS company still independently owned

- ERM part of ILS, including SUSHI/COUNTER compliant standards

- Encore next-generation product debuted in 2007, designed for academic and public libraries; ILS independent.

- Encore xQuery API and Encore Harvesting Services using OAI standards to gather metadata for indexing in Encore

- WebBridge link resolver

- AirPAC clients for iPhone and BlackBerry

- Content Pro, manages digital collections outside ILS

ILS Industry Overview

Koha and Liblime

http://www.koha.org   and   http://www.liblime.com

- Originally developed by Katipo in New Zealand (1999); first system with all the basic modules; now supported/copyrighted by LibLime in the US

- Nelsonville Public Library, Athens County Ohio, June 2002

- Former NPL systems administrator, Joshua Ferraro, formed LibLime in 2005 for community support and commercial support

- LibLime acquired by PTFS (Progressive Technology Federal Systems) in 2010, developed Enterprise Koha

- Acquired CARE Affiliates in 2008; specialized in open-source repositories such as Fedora and Dspace

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OCLC

http://www.oclc.org   and   http://www.worldcat.org

- Web Scale Services (ILS) currently under development

- WorldCat.org (including search API), WorldCat Local, Quick Start

- WorldCat Mobile uses bib info with mobile services and GPS navigation

- WorldCat Registry

- xISBN and xISSN web services / APIs

- Purchased EZProxy in 2008

- Still working on WorldCat Navigator, for consortial borrowing/interloan

- TouchPoint discovery interface

ILS Industry Overview

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Polaris Library Systems

http://www.gisinfosystems.com

- Formerly GIS Information Systems; owned by management team

- Continued growth for the past few years

- Search interface offers search suggestions, relevancy ranking, and faceted searching

- Fusion repository system; creates records in MARC with ability to import records in Dublin Core

- Added web-accessible APIs in 2009

ILS Industry Overview

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SirsiDynix

http://www.sirsidynix.com

- Largest ILS vendor in the market
- Owned by Vista Equity Partners, a private equity firm. Previously owned by venture capital owner Seaport Capital
- Acquired DocuTek in 2005
- Enterprise next-generation ILS, uses Brainware searching, indexing, and fuzzy logic algorithm
- Portfolio, digital access management and metadata harvester incorporating full-text searching
- URSA resource sharing software supports NCIP
- Working aggressively to develop APIs and web services; BookMyne iPhone App released in 2010
- Support for server virtualization

ILS Industry Overview

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VTLS (Visionary Technology in Library Standards)

http://www.vtls.com

- Owned by Infor Library and Information Solutions

- V-Smart web-based system launched in 2008

- Released Visualizer next-generation OPAC in 2007/8

- All new Chamo discovery interface in 2010

- Virtua union catalog for consortia

- VITAL institutional repository based on Fedora

- The first Unicode compliant ILS and the first to incorporate FRBR

- Developing a unique platform: http://www.experience-iguana.com/

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Other Related Vended Services

- A – Z Lists

- Newer "OPAC Replacement" services such as:

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

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

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Next-Generation Interfaces

- New public interface without migrating systems

- Focusing systems on the user interface and experience

- Integration of disparate collections

Next-Generation Characteristics

•Decoupled interoperability

•Single search via compiled indexing separate from the ILS

•Full-text searching of article level resources

•Link resolver, built in

•Relevancy ranking, spell checking and search suggestion, tagging, rating, reviews, faceted searching, RSS, SMS (text-messaging) , enriched content

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Next-Generation Interface Examples (Vended)

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Aqua Browser

ycat
mystery detective
mcat
relationship
master
draw house
place
type
cat stevens animal
girl
play pig
care
friend friendship
encyclopedia
king
adventure
pcat feline
qat
gato

- Association
- Translation
- Discovery trail
- Spelling variation
- Thesaurus term

•One of the first "discovery layer" products, a somewhat different model than most; from Serials Solutions

•Visual web of resources showing relations of terms

•Well known implementation: http://aqua.queenslibrary.org/

AquaBrowser Library®
search, discover, refine.

Refine

Library format
> Music CDs and Cassettes (35)
> Music Scores (7)
> Videos and DVDs (3)
> Books (2)
> Book chapter (1)

Author
> Islam, Yusuf (20)
> Various performers. (13)
> Jim Gill, vocals, banjo (3)
> 185 more...

Subject
> Popular music (24)
> Rock music (17)
> Motion picture music (10)
> Children's songs (3)
> Folk-rock music (2)
> 24 more...

Language
> English (46)

Series
> Centennial collection (1)
> DAW fantasy (1)

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Encore

http://encoreforlibraries.com

Show 237   Show 2284

Availability
At the library (3)

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

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

• 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

encore

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

Articles and more:
Get more results:
♦ Academic Onefile
♦ ProQuestRL
♦ JSTOR
♦ ScienceDirect
[More resources]

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Enterprise

- Possible to use as a website replacement for the library

- Now offering a new discovery tool, Portfolio, for integration of local digitized collections

- Local implementation at:
http://crom.ent.sirsi.net/client/default

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)

Help

cat stevensz   Search

Start Over

SirsiDynix
Enterprise™

Did You Mean: cat stevens

ILS Industry Overview

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Primo

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

ExLibris Primo

> 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, but mainly used by ALEPH ILS libraries

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

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Endeca

http://www.endeca.com/solutions-libraries-opac.thm

Refine your search

⊞ Expand All ⊟ Collapse All

New Titles

▶ Call Number

▶ Publication Year

▶ Location

▼ Format

Books (21)
Online (10)
Research Collections (4)
Videos & DVDs (2)
Audio (2)

▶ Subject

▶ Publication Type

▶ Language

▶ Geographical Region

▶ Subject Era

▶ Author
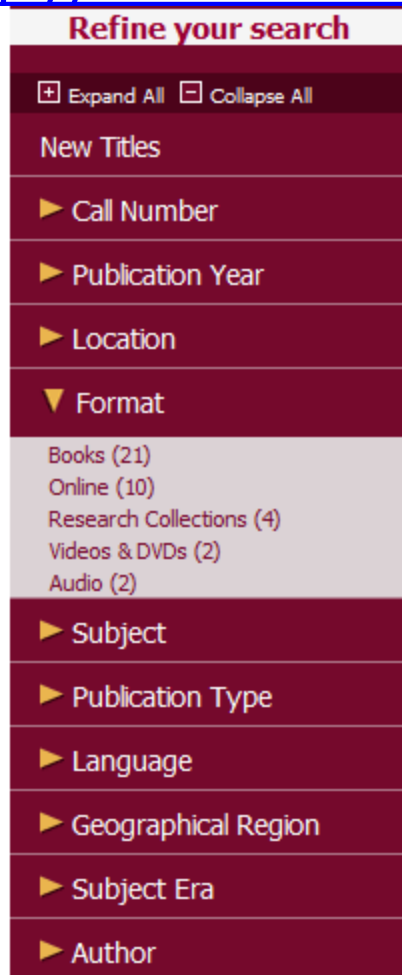
•Provider of business strategy search applications beyond libraries

•Includes search technology for major institutions such as the Library of Congress

•See Endeca at McMaster: http://libcat.mcmaster.ca/

ENDECA

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Biblio Commons

http://www.bibliocommons.com

Average Rating:
★★★⯪☆

My Rating:
☆☆☆☆☆

🗨 Add a Comment

🏷 Add Tags

➕ Add More

⊕ Add to my Collection

🚩 Mark for Later

📑 Save to a List

🖨 Print

✉ 📘 🐦 ➕ More

- Some additional features that make it a bit unique

- Bigger in the Canadian public library market

- Check out: http://epl.bibliocommons.com

What's on the Shelves

Current Collection: Adult nonfiction ▾

◀ [Cat Stevens Complete] [CAT STEVENS GREATEST HITS] [SONGS OF THE THIRTIES 30's] ▶
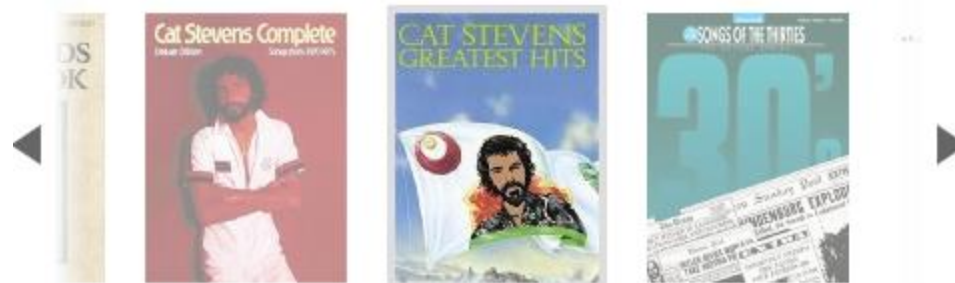
Greatest Hits
By Stevens, Cat (Printed Music - 1988) Msc 782.42164 STE

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WorldCat Local

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

Libraries Worldwide ▼
- select search limit -
Libraries Worldwide
Wayne State University
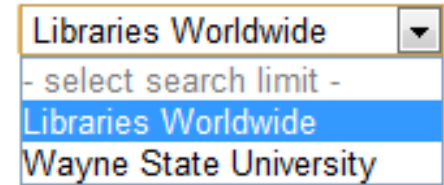
Refine Your Search

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 "Web Scale" services/products

•Pulls in circulation data from your local system

•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://www.waynestateu.worldcat.org/

WorldCat®

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Next-Generation Interface Examples (Open Source)

Blacklight

http://projectblacklight.org

• Optimized for heterogeneous collections. Can be used as a library catalog, as a front end for a digital repository, or as a single-search interface to aggregate digital content

• http://searchworks.stanford.edu/

• http://search.lib.virginia.edu/

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Scriblio

http://about.scriblio.net

• Open Source, based on WordPress software, can be used as a website

• See it live at:
http://collingswoodlib.org/

Similar Items
It Happened One Night
Curly Classics
Born Yesterday

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Tags
Cats · Juvenile fiction · Baker, Leslie A

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NARROW BY SUBJECT
Animals Cat Cats Detective and mystery stories Dogs DVD-Video discs Fairy tales Families Family Fantasy Feature films

FORMAT & GENRE
audio biography book drama fiction hardcover juvenile fiction juvenile literature library binding mass market paperback paperback

READING LEVEL
ages 4-8

YEAR PUBLISHED
1900s 1970s 1980s 1987 1988 1989 1990s 1997 1999 2000s 2004 2005 2006 2008 2009

SCRIBLIO

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SOPAC (The Social OPAC)

http://thesocialopac.net

•Award-winning project that combines next-generation search with Web 2.0

•Developed as a Drupal module; integrates with your Drupal web site

•Implemented locally at Ann Arbor District Library:
http://www.aadl.org/catalog

Refine Your Results

Collapse All | Expand All

⊞ by Media (3)
⊞ by Availability (6)
⊞ by Age (3)
⊞ by Decade (5)
⊞ by Language (2)

Your Search

You Searched For:
cat stevens

By Search Type:
Keyword

By Format:
Everything

Sorted by:
Relevance

Tracks

▶ 01. Wind
▶ 02. (I Never Wanted) To Be a Star
▶ 03. Katmandu
▶ 04. I Want to Live in a Wigwam

Community Reviews

SOPAC2
The Social OPAC™

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VuFind

http://vufind.org

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: https://library.villanova.edu/Find/Search/Home

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)

Comments | Reviews | Excerpt

vufind

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XC (eXtensible Catalog)

http://www.extensiblecatalog.org

- A resource for gathering metadata into one interface

- Drupal and OAI Toolkits available

- Developed by Rochester University, implemented at:
http://catalog.lib.rochester.edu/vwebv/searchBasic

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ILS Industry Overview

The Future of the ILS Industry

- Increased importance of patron access to information

- Increased open-architecture and interoperability

- Increased reliance on standards

- Increased use of separate systems for separate library functions

- Increased control of systems by non-vendor entities

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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

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