OCLC Research, the RLG Partnership and the Innovation Lab

Lorcan Dempsey
Prelude

THREE PROJECTS: EXAMPLES OF DIFFERENT ALIGNMENTS
<table>
<thead>
<tr>
<th>Title / Author</th>
<th>Editions</th>
<th>Libraries</th>
</tr>
</thead>
<tbody>
<tr>
<td>Would It Kill You To Smile? / Lawson, Philip</td>
<td>1</td>
<td>462</td>
</tr>
<tr>
<td>Trunk Show / Glen, Alison</td>
<td>1</td>
<td>303</td>
</tr>
<tr>
<td>Showcase / Glen, Alison</td>
<td>1</td>
<td>158</td>
</tr>
<tr>
<td>Cover-up In Columbus / Hardwick, Phil</td>
<td>1</td>
<td>14</td>
</tr>
</tbody>
</table>
Trunk show: a Charlotte Sams mystery
Glen, Alison

1 edition, in 1 language, held by 303 libraries

Summary: Charlotte Sams, a private investigator and freelance writer, goes to the zoo in Columbus, Ohio, to interview a zoo keeper who had to speak to her urgently. When she arrives the man is dead. In the course of the probe, a look at zoo life, including its finances.

Genres: Mystery fiction

Settings: Ohio—Columbus [*]

Subjects: Women journalists

Wrote As: Lowry, Cheryl Merecith | Vetter, Louise

Audience: Kids    General    Special

Title / Author OCLC # Date Language Format Aud. Libraries
1.     Trunk show: Alison Glen 30077184 1996 English Book General
FictionFinder is a project of OCLC Research that provides access to millions of books and audio materials identified as fiction (including novels, short stories, dramas, and comics).

Welcome

With FictionFinder, you can search these records by author, title, ISBN, and literary awards. And, when you discover an item you are interested in, FictionFinder will find a copy.

Subject Clouds


* Répertoire de vedettes-matière (RVM)
<table>
<thead>
<tr>
<th>Title / Author</th>
<th>Editions</th>
<th>Libraries</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. <em>Winesburg, Ohio</em> / Anderson, Sherwood</td>
<td>132</td>
<td>5665</td>
</tr>
<tr>
<td>Cycle of interrelated stories that sympathetically view lonely and frustrated individuals in a midwestern town.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. <em>Beloved</em> / Morrison, Toni</td>
<td>78</td>
<td>9767</td>
</tr>
<tr>
<td>After Paul D. finds his old slave friend Sethe in Ohio and moves in with her and her daughter Denver, a strange girl comes along by the name of &quot;Beloved.&quot; Sethe and Denver take her in and then strange things begin to happen. Set in rural Ohio several years after the Civil War, this profoundly affecting chronicle of slavery and its aftermath is Toni Morrison's greatest novel, a dazzling achievement, and the most spellbinding reading experience of the decade. A brutally powerful, mesmerizing story... read it and tremble. At the center of Toni Morrison's fifth novel, which earned her the 1988 Pulitzer Prize for fiction, is an almost unspeakable act of horror and heroism: a woman brutally kills her infant daughter rather than allow her to be enslaved. The woman is Sethe, and the novel traces her journey from slavery to freedom during and immediately following the Civil War. woven into this circular, mesmerizing narrative are the horrible truths of Sethe's past: the incredible cruelties she endured as a slave, and the hardships she suffered in her journey north to freedom. Just as Sethe finds the past too painful to remember, and the future just &quot;a matter of keeping the past at bay,&quot; her story is almost too painful to read. Yet Morrison manages to imbue the wreckage of her characters' lives with compassion, humanity, and humor. Part ghost story, part history lesson, part folk tale, Beloved finds beauty in the unbearable, and lets us all see the enduring promise of hope that lies in anyone's future.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. <em>Bluest Eye</em> / Morrison, Toni</td>
<td>84</td>
<td>9100</td>
</tr>
</tbody>
</table>
| Eleven-year-old Pecola Breedlove, an African-American girl in an America whose love for blonde, blue-eyed children can devastate all others, prays for her eyes to turn blue, so that she will be beautiful, people will notice her, and her world will be different. The story of eleven-year-old Pecola Breedlove, the tragic heroine of Toni Morrison’s haunting first novel, grew out of her memory of a girlhood friend who wanted blue eyes. Shunned by the town’s prosperous black families, as well as its white families. Pecola lives with her alcoholic father and embittered, overworked mother in a shabby two-room storefront that reeks of the hopeless destruction that overwhelms their lives. In awe of her clean well-groomed schoolmates, and certain of her own intense ugliness, Pecola tries to make herself disappear as she wishes fervently, desperately for the blue eyes of a white girl. In her afterward to this novel, Morrison writes of the little girl she once knew: "Beauty was not simply something to behold, it was something one could do. The *Bluest Eye* was my effort to say something about that; to say something about why she had not, or possibly never would have, the experience of what she possessed and also why she prayed for so radical an alteration. Implicit in her desire was racial self-loathing. And twenty-years later I was still wondering about how one learns that. Who told
FictionFinder

- Expertise
- FRBR
- Making data work harder

- New version in preparation
Academic Library Expenditures on Purchased and Licensed Content

Shift happens - systemwide organization of legacy materials
Distribution by WorldCat Library Holdings

N=3.2 million titles

Collective priority

Sweet spot for shared service offering?

Local mandate

Commercial viability

Data current as of February 2010
Key Findings

• Scope of mass-digitized corpus in Hathi is *already* sufficient to replace *at least* 20-30% of most academic print collections
  • *Ratio of replaceable inventory independent of collection size*

• Most content *also* held in trusted print repositories with preservation and access services (CRL, UC Regional Library Facilities, ReCAP, Library of Congress)
  • *Distribution of resource still suboptimal for shared service model*

• If limited to titles in the public domain, shared service offering may not be sufficient to mobilize significant resources
  • *Fewer titles, smaller audience: demand is low*
Cloud library

- A specific project - NYU

- Community intelligence - pattern of collections/digitization

- Inform thinking about potential future services
Schema transformation

‘schematized statements about resources’
Vendor and publisher records

ESweep

WorldCat

Enrich data

Translate enriched records

WorldCat

To CDF

Wholesalers
Publishers

To ONIX

NextGen process flow
ONIX and MARC21

Although ONIX for Books is a trade product information system, it has generated considerable interest among publishers and others, with the potential for data sources to be used to enhance the content and presentation of library online catalogues, as well as supporting selection and acquisitions. Library representatives play an active part in a number of ONIX national groups.

Several organisations have developed mappings from ONIX to MARC21, the most widely-used format for data exchange among libraries. The most comprehensive recent work in this area has been undertaken by OCLC, and we are very happy to make available through the EDItEUR website a paper by Carol Jean Godby of OCLC’s research staff describing the work and its implications, together with detailed mapping tables in Excel spreadsheet form.

The OCLC work is set in the context of a Metadata Services programme under which publishers’ ONIX files are used to enrich MARC records in the OCLC database with added content, and at the same time MARC elements can be fed back to enhance the usefulness of the publisher’s metadata feed.
Schema transformation

- Research output: crosswalk web service
- Production output: crosswalk incorporated in several OCLC internal processes
- Community output: Conceptual and practical examination of Onix to MARC transforms
- Transfer of staff on loan to production.
• A member resource

• An OCLC resource

• Identify shared interests ...
RLG Partnership

Partnership, benefits and partner institutions

For libraries and other research institutions who want to invest money and staff in collaboratively designing their future services, the RLG Partnership is a global alliance of like-minded institutions that focuses on making operational processes more efficient and shaping new scholarly services by directly engaging senior managers. The RLG Partnership is supported by the full capacities of OCLC Research, informed by an international, system-wide perspective and connected to the broad array of OCLC products and services.

Activities supported by the RLG Partnership

Analyze Archival Descriptive Practice
Data mining of the one million MARC records for archival materials in WorldCat will provide a systemwide overview of descriptive practice and enable recommendations for more effective description and discovery.

Analyze Evidence of Archival Discovery
Collect query logs, Web logs, and various web analytics, evaluate their usefulness for research about how researchers use archival cross-searching networks and other tools.
Innovation Lab ...

Generate new OCLC services, test existing services in new ways, or explore new ways to accomplish existing services

Infuse innovation culture into all areas of OCLC
(Gary Hamel, The Future of Management)

Provide impedance matching between fast moving, new ideas and slower moving production processes (John Patrick, NetAttitude)
OCLC Research activities

OVERVIEW OF THEMES
Activities

One of the world's leading centers devoted to exploration, innovation and community building on behalf of libraries, archives and museums. OCLC Research is dedicated to helping cultural heritage institutions.

Our staff of research scientists and program officers engage in many activities, the core of which is the research project. Projects allow fluid teams of people to focus on defined opportunities for experimentation and other types of investigation, prototyping and advancing standards. We have organized our activities into six major themes:

- Research Information Management (RIM)
  We are exploring new prospects for adding value to the scholarly communication process, helping scholars get the most out of new technologies that can enhance the quality of their work, and helping academic institutions with the assessment of their research output. The objective of our efforts in this area is to reach a collective understanding of the responsibilities of, and opportunities for, libraries in a changed research environment.
  
  ![See All Activities for this Theme](link)

- Mobilizing Unique Materials
- Metadata Support & Management
- Infrastructure & Standards Support
- System-wide Organization
- User Behavior Studies & Synthesis

A special ResearchWorks page brings together activities from across all themes that have prototypes or hands-on demonstrations for you to try out. Similarly, the Software page brings together all activities which provide tools you can download for local use. Finally, we know there may still be some interest in activities that have concluded, so those are available on our Past Activities page.
Welcome to OCLC ResearchWorks. OCLC’s research laboratory. ResearchWorks demonstrates a few of our ideas for applying new technologies to organize information. In some cases, they serve as examples of things you can develop or incorporate into your own systems.

Just a note: these are demonstrations. If something is not working on this page when you visit, let us know and please come back and try it again later.

ResearchWorks Activities

Classify
Classify is a FRBR-based prototype designed to support the assignment of classification numbers and subject headings for books, DVDs, CDs, and other types of materials.

Try the online demo

Work Records in WorldCat
View rich descriptions for books and other library materials.

Try the online demo

PURRL
PURRLs (Persistent Uniform Resource Locators) are Web addresses that act as permanent identifiers in the face of a dynamic and changing Web infrastructure.

Try the online demo
The institution is not always the right scale

SYSTEMWIDE
ORGANIZATION
<table>
<thead>
<tr>
<th>Source</th>
<th>Scale</th>
<th>Institution</th>
<th>Group</th>
<th>Webscale</th>
</tr>
</thead>
<tbody>
<tr>
<td>Peer (collaborative)</td>
<td></td>
<td>HathiTrust; DuraSpace</td>
<td>Orbis Cascade</td>
<td>Repec.org</td>
</tr>
<tr>
<td>Public (state/national)</td>
<td></td>
<td>Jisc; OhioLink</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Third party</td>
<td></td>
<td>Locally procured systems and services</td>
<td>Worldcat Cataloging</td>
<td>Flickr Commons, Google Scholar, Worldcat.org</td>
</tr>
</tbody>
</table>
So you think you’re special?

MOBILIZING UNIQUE MATERIALS
Beyond the Silos of the LAMs
Collaboration Among Libraries, Archives and Museums

Diane M. Zorich
Information Management Consultant

Günter Waibel
Program Officer

Ricky Erway
Senior Program Officer

OCLC Research

A publication of OCLC Research
“Capture and Release”: Digital Cameras in the Reading Room

Lisa Miller, Steven K. Galbraith, and the RLG Partnership Working Group on Streamlining Photography and Scanning

Shifting Gears: Gearing Up to Get Into the Flow

Ricky Erway and Jennifer Schaffner

Program officers
OCLC Programs and Research
Keep your eye on the ends ...

RESEARCH INFORMATION MANAGEMENT
Research Assessment and the Role of the Library

A companion report to A Comparative Review of Research Assessment Regimes in Five Countries and the Role of Libraries in the Research Assessment Process

John MacColl
RLG Partnership European Director
OCLC Research

A Comparative Review of Research Assessment Regimes in Five Countries and the Role of Libraries in the Research Assessment Process

A Pilot Study Commissioned by OCLC Research

Prepared by Key Perspectives Ltd
Truro, UK

ie, nl, uk, au, dk
Can you be serious ...?

USER BEHAVIORS
Towards a profile of the researcher of today: what can we learn from JISC projects?

Common Themes Identified in an Analysis of JISC Virtual Research Environment and Digital Repository Projects

Lynn Stillplign Connaway, Ph.D.
Timothy J. Dickey, Ph.D.
OCLC Research
October 6, 2009 (revised Feb. 2010)

Project Description

The goal of the project was to determine whether there was sufficient evidence from JISC-funded virtual research environment (VRE) and selected digital repository projects to develop a portrait of the scholar in the current virtual research environment. This was achieved by interviewing the relevant project managers. While the projects have collected data about user behaviours of specific scholars within specific disciplines, the focus was not to identify specific user behaviours but to develop products and technologies to embed into the workflows of scholars within specific disciplines; therefore, there was not a conscious effort to query a large random sample of scholars within the different disciplines.

It was determined that there was not enough empirical data to develop a portrait of the virtual searcher using the evidence from these completed projects. However, after interviewing and reviewing the interview transcripts of four digital repository project managers and seven VRE project managers (three of which were community engagement projects) as well as reviewing the project reports, papers, presentations, and some of the collected data, the following common themes emerged.

... Themes from VRE and Digital Repository Projects

There were several major themes expressed by both the VRE and digital repository project managers during the telephone interviews.

1. Different needs across disciplines

The scholars' attitudes toward adoption and integration of VREs and digital repositories into their workflows will likely vary by age, discipline, and number of years of their experience. Most of the project managers believed that scholars in the science disciplines were more apt already to be using digital repositories and VRE systems, while they believed that in other disciplines were less inclined to be involved in these activities and required more encouragement and evidence that involvement will benefit them than science scholars. Summary statements such as the following were common: "General life sciences are used to using new technologies for their work ... and are not reluctant to use new technologies. Sociologists' research process is not much different than it was 5 years..."
Interoperability infrastructure ...

STANDARDS AND INFRASTRUCTURE
D-Lib Magazine

March/April 2010
Volume 16, Number 3/4
Table of Contents

Museum Data Exchange: Learning How to Share

Günter Waibel, Ralph LeVan, Bruce Washburn
OCLC Online Computer Library Center
{waibelg, levan, bruce_washburn}@oclc.org

doi:10.1045/march2010-waibel

Abstract

The Museum Data Exchange, a project funded by the Andrew W. Mellon Foundation, brought together nine art museums and OCLC to create tools to extract CDWA Lite XML records out of collections management systems and share them via OAI-PMH. OCLC Research led the process for standards and interoperability. This article describes the framework, process, tools, lessons learned in how...
Interoperability infrastructure

- SRU
- OAI
- OAI-PMH
- OAI-ORE
- Premis
- Dublin Core
- OpenURL
- TIAA-CREF
- FRAD
- FRSAR
- EAC
- EAD
- PURLs
- OpenURL Registry
- InfoURI Registry
RedLaser

Impossibly accurate barcode scanning.

The RedLaser SDK is available so you can build your own applications.
Knowledge organization?

METADATA MANAGEMENT AT THE NETWORK LEVEL
Rabelais, François ca. 1490-1553?

Overview

- Works: 2,118 works in 4,639 publications in 37 languages and 95,092 library holdings
- Genre: Fantasy fiction, French literature
- Subject Headings: Authors, French—16th century, Physicians—France, Authors, French—Early modern, 1500-1700
- Notes: Honoré, Editor, Other
- Classifications: pq1886.e5, 847.92

Publication Timeline

Most widely held works by François Rabelais

- **Rabelais and his world** by M. M. Bakhtin (Book)
- **Enter Rabelais, laughing** by Barbara C. Bowen (Book)

Audience Level

- Kids
- General
- Special

Related Identities

- Urquhart, Thomas Sir 1611-1660 Translator
- Doré, Gustave 1832-1883 Illustrator
- Motteux, Peter Anthony 1660-1718 Translator
- Pratt, Jean 1873-1939 Translator
- Gargantua (Legendary character)
- Lefranc, Abel Editor
- Le Duchat, Jacob 1656-1735 Editor
- Jacob, P. L. 1806-1884 Editor
- Bakhtin, M. M. (Mikhail Mikhailovich) 1895-1975
- Moland, Louis 1824-1899 Editor

Useful Links

- Library of Congress Authority File (English)
- Deutsche Nationalbibliothek Authority File (German)
- Wikipedia François Rabelais
FAST Subjects
Current Demo limited to Michigan

Search for FAST geographic subject headings near:

Charlevoix, Michigan
Radius: 30 km
Feature Type: All

Michigan -- Mackinac County
Michigan -- Racine
Michigan -- Chippewa County
Michigan -- Saint Ignace
Michigan -- Saint Helena Island
Michigan -- Fort Holmes
Michigan -- Mackinac Island -- Fort Mackinac
Michigan -- Mackinac Island Region
Michigan -- Tahquamenon River
Michigan -- Mackinac Bridge
Michigan -- Mackinaw City
Michigan -- Mackinaw City Region

More information on the FAST project is available at the OCLC Research Website. This FAST geographic authority file is a first release. This authority file has been made available so that potential users and other interested parties can get a look at FAST. For comments on the FAST authorities or this interface, please contact FAST@oclc.org.

Search on the entire FAST Subject file at OCLC FAST Test Database.
1. Foraging behavior and habitat use in an insular population of Eastern garter snakes, Thamnophis sirtalis
   by Ruth Eamon Howell
   Thesis/Dissertation
   Language: English
   Publisher: 2009.

2. Saint Helena Island National Scenic Area : report (to accompany H.R. 468)
   by United States. Congress. Senate. Committees on Energy and Natural Resources.
   Book: National government publication
   Language: English

3. An Act to Establish the Saint Helena Island National Scenic Area.
   by United States.
   Book: National government publication
   Language: English

4. Saint Helena Island National Scenic Area Act : report together with additional views (to accompany H.R. 468) (including cost estimate of the Congressional Budget Office).
   by United States. Congress. House. Committee on Resources.
   Book: National government publication
   Language: English
Related Subjects: [3]

- Common garter snake — Feeding and feeds — Michigan — Saint Helena Island.
- Common garter snake — Behavior — Michigan — Saint Helena Island.
- Common garter snake — Habitat — Michigan — Saint Helena Island.
And finally

INTERACTIONS
• Enhance presence outside the US
• Enhance visiting opportunities
• Collaborations
• Research licenses - data