OCLC WorldShare

Cooperating and Innovating at Webscale

Chris Thewlis
Regional Manager, Australia / New Zealand
OCLC
Shared data about the world’s libraries.
Find and get it.

Shared infrastructure to manage and share resources across libraries and across communities.
Strategic Initiative to Collaboratively build Webscale with Libraries.

- Increase the relevance and visibility of libraries in a "Webscale" world
- Increase efficiencies and reduce costs.

Collaboration & Innovation

Support greater collaboration and innovation between libraries.

Support library collaboration and innovation at scale, by providing an open, Webscale technical infrastructure.

**Webscale management of library services across Print, Licensed & Digital Data, Discovery and Syndication Services**

- The core infrastructure underlying all OCLC applications.
- Designed from the ground up for Webscale operations

**Open to the community to enable “Collective Innovation” and sharing**

- App Gallery
- Web Services
- Data
- Infrastructure
- Platform Management

App Gallery

Web Services

Data

Infrastructure

Platform Management
Data Centers Today:

- 600Tb of online storage
- 4,000 virtual machines
- High resilience
- Geographically distributed for legal, data protection and performance reasons
New Data Centers

- Additional data centers
OCLC: ISO 27001 certified


Privacy and Security Policies available:
http://www.oclc.org/policies
Highly shared data models

Print
- 264M+ Bib Records
- 1.8Bn+ Holdings
- 956M+ Articles

Digital
- 13M+ eBooks
- 10M KB Entries
- 40M Digital Items

Licensed
The world's libraries. Connected.
Data Services & Business Logic Services

- WorldCat Web Services
- Knowledge base Web Services
- WorldCat Registry Web Services
- WorldCat Identities Web Services
- Identifier Web Services
- Acquisitions Web Services
- Circulation Web Services
- Vendor Information Web Services
- OpenURL Web Services
- QuestionPoint knowledge base Web Services
WorldShare Platform: What is it *really*?
1. A “toolbox” for developers who want to use OCLC services and data to build new or enhance existing applications

Download the Developer Network Handbook 9.5x11 A9

<table>
<thead>
<tr>
<th>TITLE</th>
<th>STATUS</th>
<th>WHAT IS IT</th>
<th>WHAT IT DOES</th>
</tr>
</thead>
<tbody>
<tr>
<td>OpenURL Gateway</td>
<td>Production</td>
<td>An OpenURL-resolving Web service that redirects Web-based applications to full-text articles and other online resources available from libraries. The OpenURL Gateway pulls OpenURL data from the WorldCat Registry—a global directory for libraries, consortia, archives and museums. (<a href="http://www.worldcat.org/registry/institutions">www.worldcat.org/registry/institutions</a>)</td>
<td>Directs Web users to full text and other online resources at an appropriate library based on the users' P address.</td>
</tr>
<tr>
<td>QuestionPoint knowledge base API</td>
<td>Production</td>
<td>Developer-level access to QuestionPoint knowledge base Question and Answer (Q&amp;A) pairs that QuestionPoint libraries saved for future re-use, for FAQ pages, for patron searches. The QuestionPoint global knowledge base is a collection of Q&amp;A pairs contributed by nearly 500 libraries worldwide. Local knowledge bases are built and maintained by single libraries or regional library groups and usually contain information more specific to that group.</td>
<td>Provides search access to QuestionPoint Q&amp;A pairs and returns questions that match the query. Accesses a specific Q&amp;A pair with metadataQuestion ID. For example, the QuestionPoint knowledge base API could be used to retrieve a list of questions that have been asked on the topic of baseball. The API could then be used to return information about a specific question on that topic. For example: Which National League baseball teams have never won a World Series?</td>
</tr>
<tr>
<td>WMS Acquisitions API</td>
<td>Production</td>
<td>A read-write Web service for the Acquisitions module of OCLC WorldShare Management Services so library staff can create, update, delete and submit orders for materials they’d like to acquire. Provides developer-level access to order data.</td>
<td>Lets you create purchase orders as needed for your institution. Facilitates the ability to access and edit existing orders or update an individual order status, and submit purchase orders to fulfillment vendors. Through the Acquisitions API, you can combine your data with external fulfillment vendor data, such as that from Amazon, Alibris, YBP and others and save a lot of time, steps and screens in acquisitions workflows.</td>
</tr>
</tbody>
</table>
2. An “App Gallery” through which libraries can easily share apps created by the community.
3. Support for collaboration and cooperation within the library community

The OCLC Developer Network is a community of developers collaborating to propose, discuss and test OCLC Web Services. This open source, code-sharing infrastructure improves the value of OCLC data for all users by encouraging new OCLC Web Service uses.

1. Register
   Sign up to collaborate with other developers.

2. Learn
   Use our resources to start building your application.

3. Contribute
   Add your application to our gallery.

**Featured Applications**

**Citavi**
WEB SERVICE: WorldCat Search API
Developing Library Systems Using GotFling OCLC

**News**

Introduction to OpenSocial Webinar recording now available

**Upcoming**

01/10/2012
Developer Network open house
“This is potentially a game-changer in how libraries work with bibliographic data. It turns the traditional approach of information processing inside out—the data is in a superior position to the computer program. The WorldShare Platform is sort of like Facebook. Just as Facebook introduced ways for outside developers to ‘integrate into the core Facebook experience,’ the WorldShare Platform enables external providers to supply applications that can use the data residing in the platform.”

— Peter Murray, Lyrasis

“OCLC Introduces WorldShare” blog post, December 22, 2011

http://dltj.org/article/thursday-threads-2011w51/
WorldShare Platform + A New Model for Library Automation
BASIC PRINCIPLE: **ANYONE** can develop on the WorldShare Platform

- OCLC creates an app
- A library developer creates an app
- A third party creates an app
- Many happy libraries will consume all three without ever having to do anything!
Library and Partner App Examples

Books from the Hardcover Nonfiction list not owned by Harris County Public Library:

<table>
<thead>
<tr>
<th>Title</th>
<th>OCLC Number</th>
<th>Price</th>
<th>Availability</th>
</tr>
</thead>
<tbody>
<tr>
<td>SEAL Team Six: memoirs of an elite Navy SEAL sniper</td>
<td>681499659</td>
<td>14.88</td>
<td>Usually ships in 24 hours</td>
</tr>
<tr>
<td>The psychopath test: a journey through the madness industry</td>
<td>668193260</td>
<td>15.10</td>
<td>Usually ships in 24 hours</td>
</tr>
<tr>
<td>Blind allegiance to Sarah Palin: a memoir of our tumultuous years</td>
<td>711777273</td>
<td>14.44</td>
<td>Usually ships in 24 hours</td>
</tr>
<tr>
<td>Dog sense: how the new science of dog behavior can make you a better friend to your pet</td>
<td>657595594</td>
<td>15.59</td>
<td>Usually ships in 1 to 3 months</td>
</tr>
</tbody>
</table>

Acquisitions plug-in Apps...
WorldShare Management Services

An OCLC Developed ‘app’ on the Platform
What’s included

• **Acquisitions** for physical and electronic collections – all available in one service

• **Circulation and patron management** for the 21st century – handled centrally using a simple, web-based interface

• **Discovery and delivery** as users expect it – with WorldCat Local’s or alternative single search interface

• **Cataloging tools** for data creation and enrichment – powered by WorldCat

• **The WorldCat knowledge base** – combining data about your library’s electronic resources and linking features

• **WMS Reporting**
What *can* be included

- **Group / Consortial Functionality**
  - management of license terms, integration with WMS Acquisitions, electronic resource management efficiencies

- **WorldShare License Manager**

- **Next-gen Analytics tools (currently under development)**
  - Peer and authoritative list comparisons
  - Decision-making tools
The world's libraries. Connected.
### Theresa Brown

#### Account Overview

- **4** items checked out
- **0** items overdue
- **$0.00** current fine balance
- **0** requested items ready to pick up
- **4** requested items not yet available
- **0** items claimed returned

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#### Check Out Profile Account

**Enter barcode:**

<table>
<thead>
<tr>
<th>Format</th>
<th>Title</th>
<th>Call Number</th>
<th>Barcode</th>
<th>Checked Out Date</th>
<th>Due Before Date</th>
<th>Renewal Count</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>The Nabokov tetralogy / Walton, Evangeline.</td>
<td>PS3545.A6295 M33 2002</td>
<td>7483574305740634</td>
<td>09/21/11 1:59:03 PM</td>
<td>10/20/11 12:00:00 AM</td>
<td>0</td>
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<tr>
<td></td>
<td>Paradigm shift: the new promise of information technology / Tapscott, Don,</td>
<td>652.01 M215</td>
<td>31118600958508</td>
<td>09/21/11 1:53:51 PM</td>
<td>10/20/11 12:00:00 AM</td>
<td>0</td>
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<tr>
<td></td>
<td>The role of the academic reference librarian / Whitlatch, Jo Bell.</td>
<td>355.1 U141</td>
<td>311186001562773</td>
<td>09/21/11 10:51:50 AM</td>
<td>10/21/11 12:00:00 AM</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>The terra cotta army: China's first emperor and the birth of a nation / Man, John,</td>
<td>DS747.9 C47 M34 2008</td>
<td>74389275420577453</td>
<td>09/22/11 4:13:39 PM</td>
<td>10/21/11 12:00:00 AM</td>
<td>0</td>
</tr>
</tbody>
</table>
License Manager: Knowledge base

Collection with ebsco

<table>
<thead>
<tr>
<th>Collection</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>EBSCO America: History and Life</td>
<td>Titles in Collection: 0 / 1839</td>
</tr>
<tr>
<td>Provider: EBSCO Host</td>
<td>Select Collection</td>
</tr>
<tr>
<td>EBSCO America: History and Life with Full Text</td>
<td>Titles in Collection: 2505 / 2505</td>
</tr>
<tr>
<td>Provider: EBSCO Host</td>
<td>Deselect All Titles</td>
</tr>
<tr>
<td>EBSCO Arte Público Hispanic Historical Collection: Series 1</td>
<td>Titles in Collection: 0 / 995</td>
</tr>
<tr>
<td>Provider: EBSCO Host</td>
<td>Select Entire Collection</td>
</tr>
<tr>
<td>EBSCO Australia New Zealand Points of View Reference Centre</td>
<td>Titles in Collection: 645 / 646</td>
</tr>
<tr>
<td>Provider: EBSCO Host</td>
<td>Deselect All Titles</td>
</tr>
<tr>
<td>EBSCO Business Continuity and Disaster Recovery Reference Center</td>
<td>Titles in Collection: 2 / 181</td>
</tr>
<tr>
<td>Provider: EBSCO Host</td>
<td>Deselect All Titles</td>
</tr>
<tr>
<td>Provider: EBSCO Host</td>
<td>Select Entire Collection</td>
</tr>
<tr>
<td>Provider: EBSCO Host</td>
<td>Deselect All Titles</td>
</tr>
<tr>
<td>EBSCO Business Source Elite: Government Edition</td>
<td>Titles in Collection: 0 / 1871</td>
</tr>
<tr>
<td>Provider: EBSCO Host</td>
<td>Select Entire Collection</td>
</tr>
<tr>
<td>EBSCO Business Source Premier: Government Edition</td>
<td>Titles in Collection: 0 / 13301</td>
</tr>
<tr>
<td>Provider: EBSCO Host</td>
<td>Select Entire Collection</td>
</tr>
<tr>
<td>EBSCO Energy &amp; Power Source</td>
<td>Titles in Collection: 1 / 1148</td>
</tr>
<tr>
<td>Provider: EBSCO Host</td>
<td>Deselect All Titles</td>
</tr>
</tbody>
</table>

Results 1-10 of 19

<< first | prev | 1 | 2 | next | last >>
Search results for "product marketing" limited to Libraries Worldwide

1. **Product marketing for technology companies**
   - By Mark Butts
   - eBook: Document
   - Language: English
   - Database: WorldCat.org
   - Libraries that own this item: OCLC Library

2. **The marketing imagination**
   - By Theodore Levitt
   - Book
   - Language: English
   - Database: WorldCat.org
   - Libraries that own this item: OCLC Library

3. **Advances in electronic marketing**
<table>
<thead>
<tr>
<th>Title</th>
<th>My position in hold queue</th>
<th>Hold schedule</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1. The quality library: a guide to staff-driven improvement, better</td>
<td>This item is being held</td>
<td>Starts: 2011-03-22</td>
<td></td>
</tr>
<tr>
<td>efficiency, and happier customers / by Sara Laughlin</td>
<td>for you at Main</td>
<td>Expires: 2012-03-22</td>
<td></td>
</tr>
<tr>
<td>Book</td>
<td>Please pick this up at</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Language: English</td>
<td>Main</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Publisher: Chicago : American Library Association, 2008</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. The new rules of marketing and PR : how to use news releases,</td>
<td>This item is being held</td>
<td>Starts: 2011-04-14</td>
<td></td>
</tr>
<tr>
<td>blogs, podcasting, viral marketing, &amp; online media to reach buyers</td>
<td>for you at South</td>
<td>Expires: 2012-04-15</td>
<td></td>
</tr>
<tr>
<td>directly / by David Moorman Scott</td>
<td>Please pick this up at</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Book</td>
<td>South</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Language: English</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Publisher: Hoboken, N.J : John Wiley &amp; Sons, 2007</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. The great libraries : from antiquity to the Renaissance (3000</td>
<td>This item is being held</td>
<td>Starts: 2011-06-10</td>
<td></td>
</tr>
<tr>
<td>B.C. to A.D. 1600 / by E. Ginnei</td>
<td>for you at Main</td>
<td>Expires: 2011-06-30</td>
<td></td>
</tr>
<tr>
<td>Book</td>
<td>Please pick this up at</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Language: English</td>
<td>Main</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Publisher:</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Search for courses or reserve items

Search for: Jeff Schilling

Search results for 'Jeff Schilling' courses:

1. CZECH 101.51 lecture: Elementary Czech I: Individualized Track (14 items)
   Description: Development of oral and written language skills. Not open to native speakers of this language through regular course enrollment or EM credit. GEC for lang course. FL Admis Cond courses. Repeatable to a maximum of 5 cr hrs. Students register for
   Date: 3/26/2011 - 6/1/2011
   Instructor(s): kent roward, bruce wolf, amy collins, jeff schilling, tyler james, tyler ferguson, elina greif, rob ross
   Notes: Foreign Language

2. CZECH 101.51 lecture: Elementary Czech II: Group Track (15 items)
   Description: Development of oral and written language skills. Not open to native speakers of this language through regular course enrollment or EM credit. GEC for lang course. FL Admis Cond courses. Repeatable to a maximum of 5 cr hrs. Students register for
   Date: 3/26/2011 - 6/1/2011
   Instructor(s): kent roward, bruce wolf, amy collins, jeff schilling, tyler james, tyler ferguson, elina greif, rob ross
   Notes: Foreign Language
### Results for search "2-10"

Click a slice below to view a set of sample records

- 70.6% 2-10
- 13.3% Unique
- 9.8% 11-20
- 6.5% 21+

<table>
<thead>
<tr>
<th>OCLC#</th>
<th>Title</th>
<th>Author</th>
<th>Publisher</th>
<th>Pub. Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>31712666</td>
<td>Signals</td>
<td></td>
<td>College Annual Corp.</td>
<td></td>
</tr>
<tr>
<td>31712773</td>
<td>Magnetic observatory results at San Juan, Puerto Rico for...</td>
<td></td>
<td>U.S. Coast and Geodetic Survey,</td>
<td>1943-</td>
</tr>
<tr>
<td>31713656</td>
<td>Hints to emigrants, addressed chiefly to persons contemplating an emigration to the United States of America</td>
<td>E. Rushton,</td>
<td></td>
<td>1817.</td>
</tr>
</tbody>
</table>
OCLC in the ANZ Region

• ANZ presence:
  • 22 Staff
  • Nearly all with library backgrounds & qualifications
  • Local Support

• National Cataloguing Agreements:
  • Libraries Australia
  • Te Puna
ANZ Region Product Offering

- Library Management Systems
  - Amlib & CBS
  - WorldCat Local (Discovery)
- Dewey
- Interlibrary Loan
  - VDX
  - WorldCat Resource Sharing

Digital Repositories
- CONTENTdm
- Authentication services
  - EZproxy
Australian presence
OCLC WorldShare Management Services community
Controlled Role Out

- Identified Suitable partner libraries to work with
  - Existing Amlib libraries
  - New business
- Train Local Staff
  - How to train libraries
  - How to implement
- Datacentre in place
- Learn how to local data
  - Bibliographic
  - Holdings
  - Transactional
- Train Operations Staff
We are ready!
Questions?

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chris.thewlis@oclc.org