Taking libraries to the Web!

Chris Négrel
Director Distributors
OCLC EMEA
Today – helping libraries to reach webscale

- OCLC – challenges and evolution
- WorldCat – The Bibliographic Database
- WorldCat – Metadata Management
- OCLLC Research
- WorldShare – Collection Analysis
- WorldCat.org and visibility of collections
- WorldShare Management services
In order to define your path, you need a map!
But what if the map is changing as we speak?
Mankind is building a Digital Universe...that will double each year through 2020.
The OCLC cooperative: a nonprofit, membership organization

Further access to the world’s information
Reduce the rate of rise of library costs

74,000 libraries in 171 countries

OCLC serves libraries
OCLC members globally

12,760
2,362
1,632
You have a voice

Members
25,900+ institutions

Regional Councils
3 councils

Global Council
48 members

Board of Trustees
16 trustees
Over 60 products across 7 service categories

- Cataloging and Metadata Management Services and Systems
- Content and Collections
- Reference and Discovery
- Digital Collection Services
- Resource Sharing and Delivery
- Web Services
OCLC WorldCat
WorldCat ‘the’ monolith
2,000,000,000 holdings

300,000,000 items
### Records by Format

<table>
<thead>
<tr>
<th>Format</th>
<th>Records</th>
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</thead>
<tbody>
<tr>
<td>Books</td>
<td>167,341,631</td>
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<tr>
<td>E-books</td>
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<td>Serials</td>
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<td>Visual Materials</td>
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<tr>
<td>Maps</td>
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<td>Mixed Materials</td>
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<td>Sound Recordings</td>
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<td>Scores</td>
<td>4,733,600</td>
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<td>Computer Files</td>
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### Top 20 Languages

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<th>Language</th>
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<tbody>
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<td>English</td>
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<td>German</td>
<td>25,187,591</td>
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<td>French</td>
<td>18,069,481</td>
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<td>Spanish</td>
<td>8,204,342</td>
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<td>Chinese</td>
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<td>Italian</td>
<td>3,480,719</td>
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<td>Dutch</td>
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<td>Japanese</td>
<td>2,985,137</td>
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<td>Latin</td>
<td>2,945,316</td>
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<tr>
<td>Russian</td>
<td>2,931,243</td>
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<td>Danish</td>
<td>2,085,096</td>
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<td>Swedish</td>
<td>1,930,170</td>
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<tr>
<td>Slovak</td>
<td>1,481,758</td>
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<td>Portuguese</td>
<td>1,358,054</td>
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<td>Polish</td>
<td>1,350,147</td>
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<td>Hebrew</td>
<td>1,239,521</td>
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<td>Czech</td>
<td>1,169,199</td>
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<td>Arabic</td>
<td>976,326</td>
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<tr>
<td>Finnish</td>
<td>742,540</td>
</tr>
<tr>
<td>Indonesian</td>
<td>411,886</td>
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</table>
OCLC Cataloguing & Metadata Services

- A range of services that include integrated online cataloguing,
- custom & copy cataloguing + a variety of metadata delivery services.
- Connexion – create, edit and export MARC records +Authority
- Z39.50 – option to use your library system “Z” client

- CatExpress - easy web-based copy cataloguing tool
  - Intuitive web-based interface requiring little or no training
  - Download your records in MARC 21 or UNIMARC
OCLC Research and reports
By 2020, it’s predicted that 80% of academic library expenditures will be on e-resources.
Yet, alarmingly...

94% of librarians still rely on spreadsheets for electronic resource management.
There is a disconnect between what libraries need and what the library technology market has been delivering.
A flexible, holistic approach is needed.
Collection Analysis
1. Understand my collection subject areas (available to all WMS libraries)
2. Validate collection strengths/weakness by comparing against other collections
3. Identify titles for deselection/retention decisions
4. Creates list of titles for acquisitions
Visibility on the web
The problem with access to library collections:

People aren’t using the library catalog?
(No... that’s just a fact.)

The real problem is that we don’t expose our collections very well on the web.
The fundamental questions:
How to connect users to library collections on the web?
And what does the web want?
Evolution of Metadata Management and Library Catalogs

Scribe
Card Catalog
OPAC
Web
Web of Data
Evolution of Metadata Management and Library Catalogs

MARC Formats
- MARC21
- UNIMARC
- Regional

Scribe
Card Catalog
OPAC
Web
Web of Data

Metadata Elements:
- author
- location
- edition
- title
- holding
- source
- classification
- publisher
- ISBN
- date of publication

Digital Evolution:
What the Web wants

What is required to join the web of data?
## Some things the web wants:

1. Size
2. Familiar structures
3. A network of links
4. Entity identifiers

## What the web gets:

- WorldCat 300M+
- Schema.org
- VIAF, LCSH, Dewey, …
- WorldCat persistent identifiers (URIs)
Keys features of visibility on the web

• Make collections discoverable in the largest bibliographic database
• Make collections discoverable on the Internet via syndication with partners
• Web 2.0 interface
• Back to your OPAC in 3 clicks
OCLC’s Syndication Program

Google Books
Ex Libris Primo
Mendeley
citavi
goodreads
EBSCO Discovery Service
SCS

OCLC WorldCat

Find items in libraries near you
1.5 billion items available here through a library

Advanced search | Find a Library
The history of Hungary and the Magyars

Hungarians and Europe in the Early Middle Ages: An ...

A Concise History of Hungary

Hungary. Past and Present: Embracing Its History from the ...
<table>
<thead>
<tr>
<th>Rank</th>
<th>Title</th>
<th>Year</th>
<th>Language</th>
<th>Publisher</th>
<th>Database</th>
<th>Details</th>
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<td>The history of Hungary and the Magyars: from the earliest period to the close of the late war</td>
<td>1853</td>
<td>English</td>
<td>London: Cassell, 1853.</td>
<td>WorldCat</td>
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<tr>
<td>2</td>
<td>The history of Hungary and the Magyars from the earliest period to the close of the late war</td>
<td>1856</td>
<td>English</td>
<td>Salt Lake City, Utah: Filmed by the Genealogical Society of Utah, 1971.</td>
<td>WorldCat</td>
<td></td>
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<tr>
<td>3</td>
<td>The history of Hungary and the Magyars: from the earliest period to the close of the late war</td>
<td>1852</td>
<td>English</td>
<td>New York, A. Montgomery, 1853.</td>
<td>WorldCat</td>
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</table>
The history of Hungary and the Magyars: from the earliest period to the close of the late war

Godkin, Edwin Lawrence

The history of Hungary and the Magyars: from the earliest period to the close of the late war

Author: Edwin Lawrence Godkin
Publisher: London: Cassell, 1883.
Edition/Format: Book
Database: WorldCat
Rating: (not yet rated)
Subjects: Hungary -- History, Hungary -- History, Hungary

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   München, D-80539 Germany

2. European Register of Microform and Digital Masters
   EROMM
   Göttingen, D-37073 Germany
The HISTORY OF HUNGARY
AND
THE MAGYARS:
FROM THE EARLIEST PERIOD TO THE CLOSE OF THE LATE WAR.
BY
EDWIN LAWRENCE GODKIN.

LONDON:
J. CASSELL, LEUGATE-HILL
1833.
WorldCat.org

• WorldCat.org puts your library where users start their searches.

• WorldCat.org makes the items in libraries’ collections visible and available on the Web.

• WorldCat.org increases your users’ experience by providing your library results and all libraries online.

• WorldCat.org allows libraries to share and exchange items at a regional, national, and world level with WorldShare ILL.
A new system to discover
The Challenge (in a nutshell)

• The **changing** nature of knowledge publication
• The **changing** expectations of library users
• The inefficiency and legacy status of current library automation systems, not adaptable to either of the above
The OCLC Solution

Intelligent workflows

connected to a global data network

powered by library cooperation
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The Platform: Open for Change

• The core infrastructure & services underlying all OCLC applications.
• Designed from the ground up for Web-Scale operations
• Open to the community through families of Web Services to enable: Integration / “Collective Innovation” / Sharing
Flexible, open platform for the community to share applications and innovation.

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
The Global Data Network

- Bibliographic (E & P & D)
  - Hierarchical Linking
  - FRBR structures
- Holdings (E & P & D)
- Authorities
  - American Authorities (LoC)
  - Dutch Name Authorities
  - German Authorities (GND)
  - French Authorities

- Open Access material

WorldCat Globalisation
The Global Data Network

OCCL WorldShare™ Platform

Catalog (E & P & D)  E-Articles (Mega Index)  E-Collections  E-Licenses  Vendors

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Connecting libraries and the web
Questions?

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