

National Széchényi Library 17-11-2015

WMS and Discovery

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**ADDRESSING TODAY'S
CHALLENGES WITH THE CLOUD
*AND COLLABORATION...***

Libraries face many challenges



- Managing scarce resources
- Changing user needs
- Increasingly diverse collections, systems and workflows

Almost all of us already use cloud computing



What is multi-tenancy?



- One large shopping complex
- All share same building and the same infrastructure
 - Electricity
 - Plumbing
 - Wired for Internet
- **Yet each is unique and customized!**

Multi-Tenant Shopping Mall

OCLC's commitment to the cloud

- Security

- OCLC has met ISO 27001 security standards
- Use hardware and software safeguards to ensure secure operations
- For details: <http://oc.lc/security>

- Privacy

- Private data is private data



OCLC's commitment to the cloud

- Flexible and extensible
 - Open platform
- Reliability
- Scalability
- Enables multi-tenancy

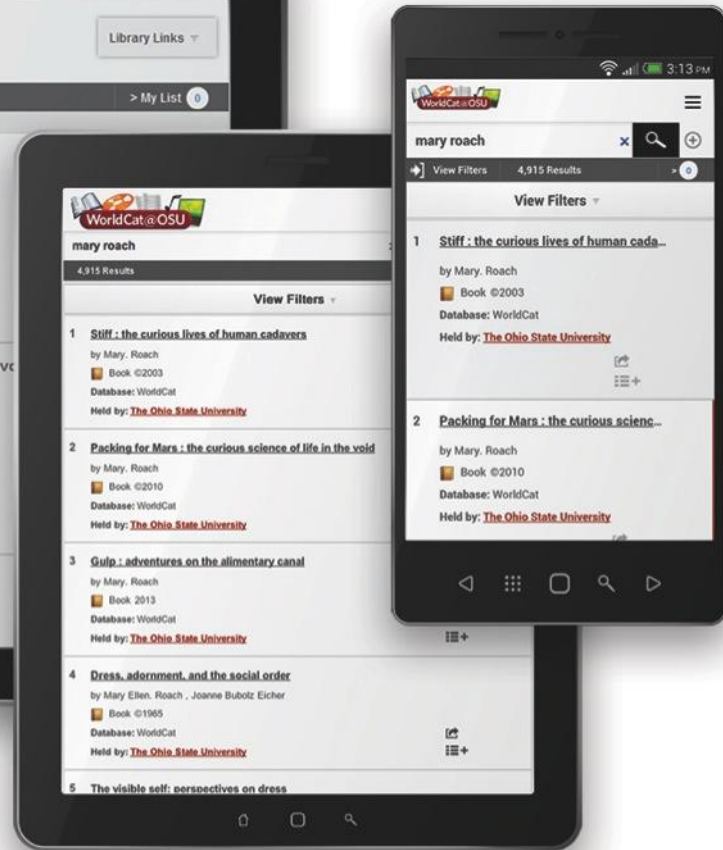
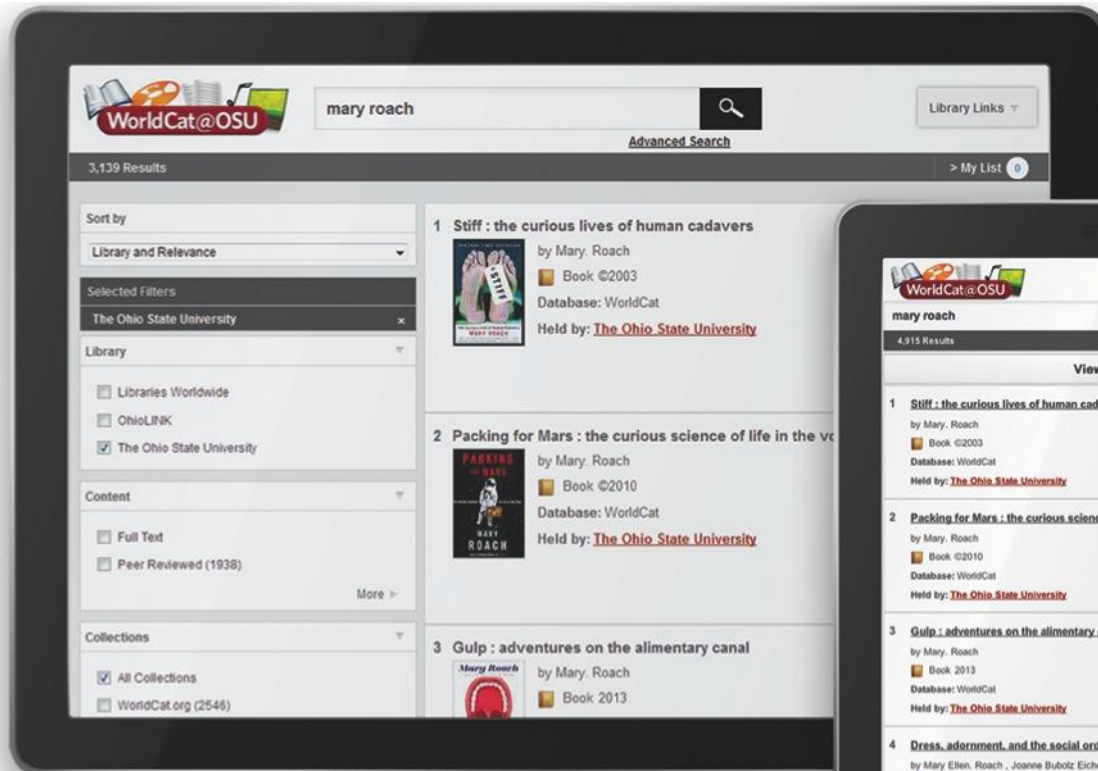


WorldShare Management Services (WMS)



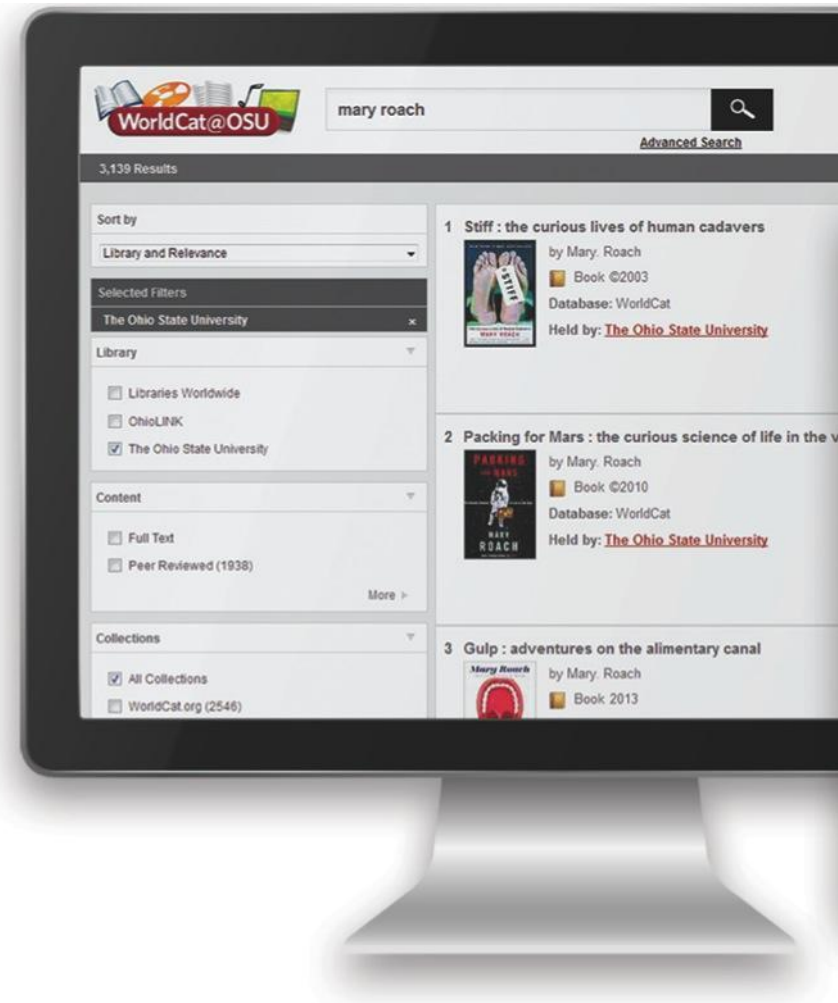
A cloud-based library management system

WorldCat® Discovery Services



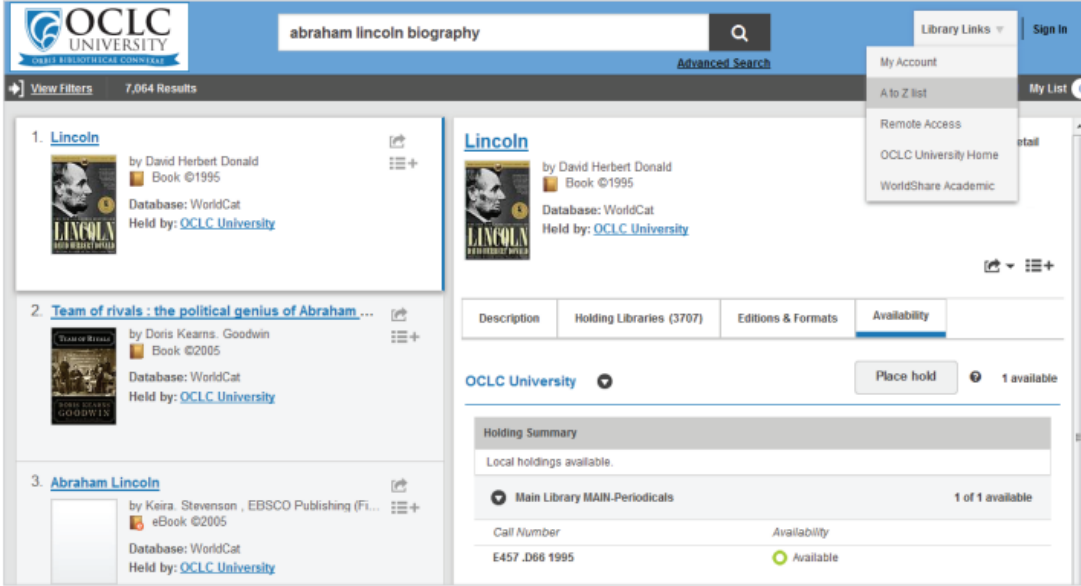
WorldCat[®] Discovery Services

- **A contemporary discovery experience for your users**
- **Offers single search of your electronic, digital and physical materials**
- **Your library's collections listed first in search results**



WorldCat® **Discovery Services**

- **Integrated link resolution** to full-text resources
- **A built-in A to Z list**
- **Additional features** such as... Item location and Real-Time Availability, Group Views, and Google Analytics Statistics



The screenshot displays the OCLC University WorldCat Discovery Services interface. The search bar at the top contains the query "abraham lincoln biography" and shows 7,064 results. The results list includes three items:

- Lincoln** by David Herbert Donald, Book ©1995, Database: WorldCat, Held by: OCLC University.
- Team of rivals : the political genius of Abraham...** by Doris Kearns Goodwin, Book ©2005, Database: WorldCat, Held by: OCLC University.
- Abraham Lincoln** by Keira Stevenson, EBSCO Publishing (F...), eBook ©2005, Database: WorldCat, Held by: OCLC University.

The detailed view for the first item, "Lincoln", is shown on the right. It includes a "Place hold" button, a "1 available" indicator, and a "Holding Summary" section. The holding summary shows "Local holdings available" and "Main Library MAIN-Periodicals" with "1 of 1 available". The call number "E457 .D66 1995" is listed with an "Availability" status of "Available".

WMS: Built on collaboration

- **Built on *shared* infrastructure**
 - WMS sits on the open, flexible WorldShare platform
 - The WorldShare platform includes access to APIs and Web services



WMS: Built on collaboration

- **Built on *shared* library data**
 - WorldCat data serves as the foundation of WMS
 - WorldCat was built by OCLC member libraries worldwide
 - WorldCat has 330+ million items



WMS: Built on collaboration

- **Extending *shared* library data**
 - Vendor and license data
 - Knowledge base and article data
 - Serials data



How a cloud-based strategy helps libraries



- **No hardware** to purchase
 - **No software** upgrades or data backups to manage
 - **Increases the ability to collaborate**
 - **Integrated applications** don't require different logins
 - **Offers security and flexibility**
- **Saves time** with shared data and library collaboration
 - **Streamlines workflows** with integrated services
 - **Unifies and simplifies** the management of physical and electronic materials
 - **Includes many extras** (mobile interface, link resolver, course reserves, and more)
 - **Offers a better discovery experience** for users with single search





Shared data about the world's libraries.
Find and get it.



Shared infrastructure to manage and share resources
across libraries and across communities.

WMS FOR GROUPS AND CONSORTIA

The goal for groups and consortia

WorldShare Management Services preserve and respect the autonomy, privacy and policy differences among members of the group, while at the same time leveraging the opportunities that come with shared data, infrastructure and community.

WMS for groups

Simple Group



Bibliographic Data

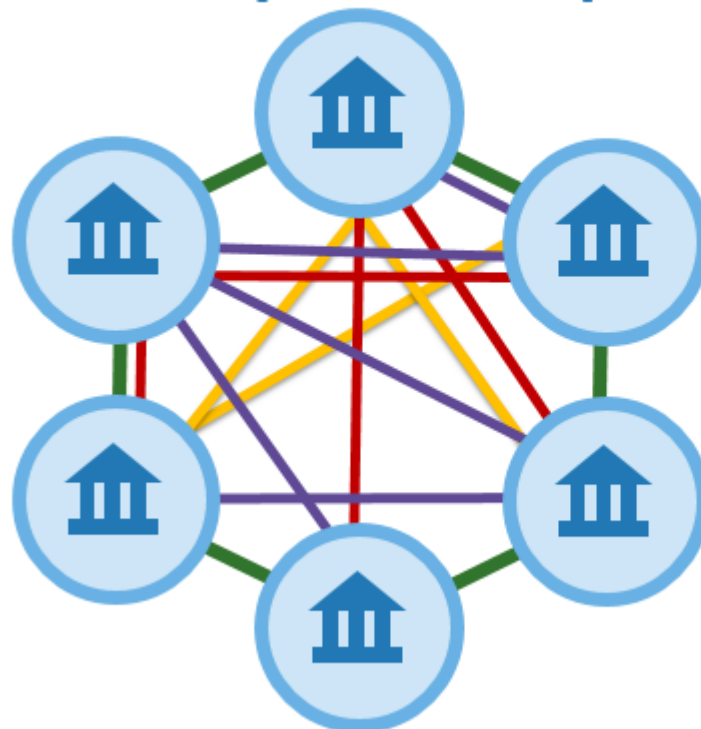
Circulation Data

Acquisitions Data

**Knowledge Base
Data**

WMS for groups

Complex Group



Bibliographic Data

Circulation Data

Acquisitions Data

Knowledge Base Data

WMS for groups: A tactical and practical approach

- Leverage the globally shared bibliographic asset as much as possible
- **Preserve autonomy** in budgeting, ordering, receiving workflows
- **Emphasize sharing** in circulation, patron management, discovery
- **Preserve library branding** in local discovery, but allow libraries to search collections at multiple group levels

BUILD A COLLABORATIVE NATIONAL INFRASTRUCTURE

Intelligent workflows



WorldShare[®]
Library management
applications



WorldCat[®]
Discovery applications



WorldShare[®] Platform

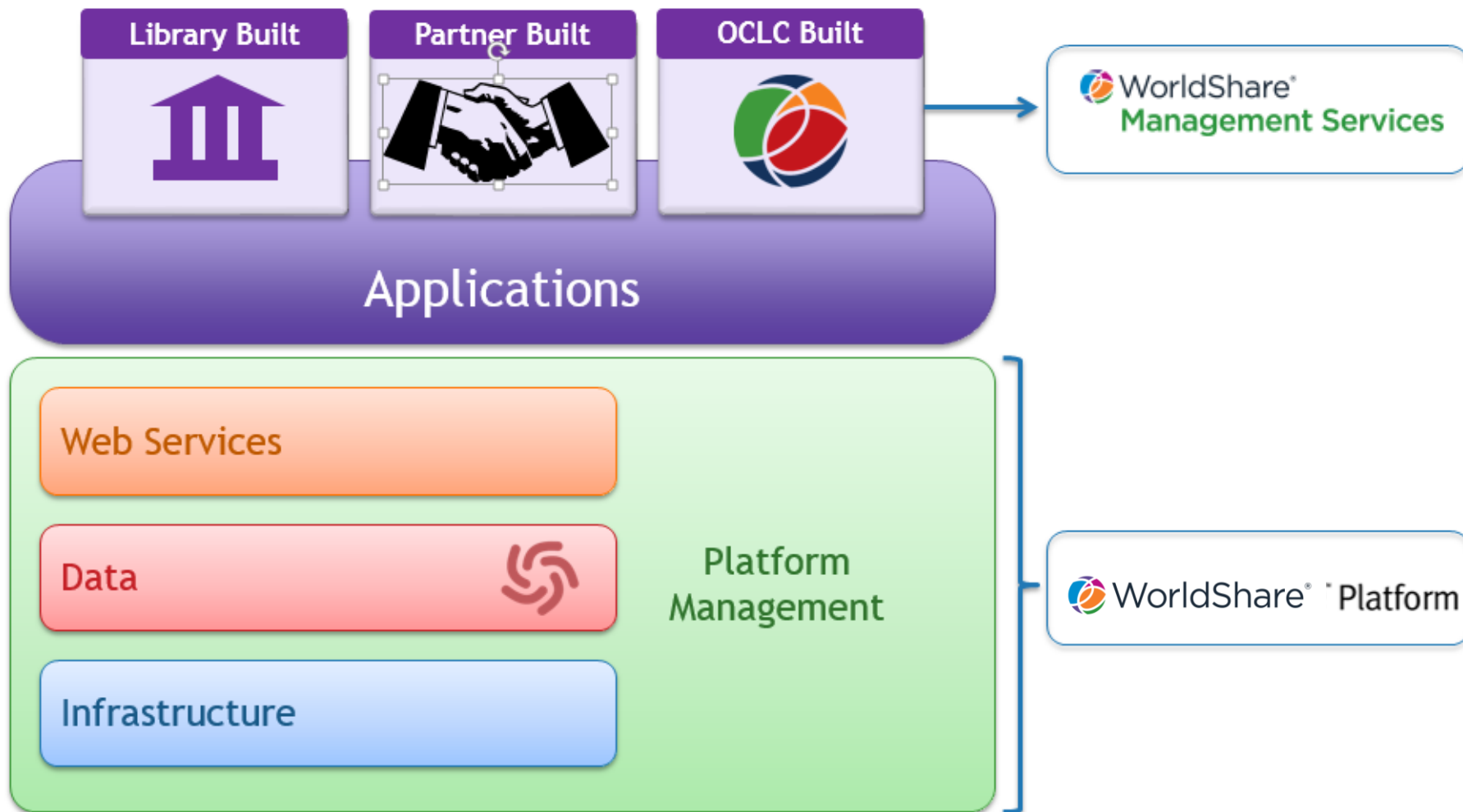


WorldCat[®]



Global data network

International infrastructure



Create a National Infrastructure with the WorldShare Platform

- Take advantage of global collaboration to shape a national community
- Integrate the WorldShare infrastructure with WMS for optimal results
- Dutch infrastructure as an example



KB Koninklijke Bibliotheek
Nationale bibliotheek van Nederland



Questions?

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**Because
what is
known must
be shared.SM**