Regional and National Infrastructure in a Global Metadata Universe

David Whitehair – OCLC
Simone Kortekaas - Wageningen University and Research Library
Axel Kaschte - OCLC
OCLC REGIONAL AND NATIONAL INFRASTRUCTURE

David Whitehair
Director, Metadata Services
A global network of libraries

- **Americas**
  - 11,562 members in 28 countries
- **EMEA**
  - 3,908 members in 72 countries
- **Asia Pacific**
  - 1,741 members in 23 countries

As of 30 September 2016
“power in numbers, power of the network, power of expertise.”

“I believe in the concept of the cooperative.”

“understanding of shared challenges.”

“research on our behalf.”

“sharing and camaraderie.”

“innovation”

“making the world feel smaller and connected for the public good.”

“collaboration”
WorldCat gets a new record every second.

As of 1 January 2017

388 million records

2.5 billion holdings
Comprehensive and global

Some of the 491 languages represented in WorldCat…

- **English:** 148 million
- **German:** 48 million
- **French:** 35 million
- **Spanish:** 18 million
- **Chinese:** 12 million
- **Japanese:** 10 million
- **Italian:** 9.9 million
- **Dutch:** 6.4 million
- **Russian:** 5.7 million
- **Swedish:** 4.7 million
- **Polish:** 4.6 million
- **Danish:** 3.5 million
Your collections just got more global!
Built for librarians by the library community

With more than 45 years of continuous contributions, maintenance and improvements by thousands of librarians, library staff members and partner organisations, WorldCat contains data that points to electronic, print and digital information resources in libraries around the world. WorldCat helps libraries share the world’s collected knowledge to fuel learning, research and innovation. And it grows larger and more valuable every day.

Watch the video.
Regional and national infrastructure

- Metadata management, registration, and access at the group level
- Management of national authority files
- Efficient bulk metadata management performed by libraries and service providers
- Synchronisation of metadata between group and individual library systems
Regional and national infrastructure

UKB  Te Puna  Jisc  LAC
UKB TRANSITION TO THE WORLDSHARE® PLATFORM

Simone Kortekaas
Head of Collection and Information Management
Wageningen University and Research Library
in a global environment

Library users work, study and discover information in the cloud. We will serve our users better if we give them access to our collections in a global environment.
In this presentation

- Where we came from: the Dutch national information infrastructure
- The reasons why UKB decided to transfer to the WorldShare Platform
- The main issues to be solved
- Some words on project organisation and planning
Where we came from

UKB = Consortium of Dutch University libraries + Royal library (= national library)

- Central cataloguing system (GGC) since mid 1970’s – containing 18 million records, 38 million holdings of academic, public, special libraries and Royal Library (230 libraries)
- National ILL system (NCC/IBL) since mid 1980’s
- Different ILS’s in use (Aleph, VUBIS, own, Pica LBS, other)
- Different knowledge bases and different discovery tools
Business case for transition

- Users work and discover in the cloud and global
- International standards and best practices
- More efficiency in back office
- Scale advantages resulting from international cooperation
Reasons why
Reasons why
Reasons why

Innovation and OCLC Research

• Linked open data
• Use API’s
• Google, Wikipedia
• MARC21? Next step: schema.org and/or BIBFRAME
Collaboration

• Joint project of UKB consortium and OCLC
• UKB Application profile for metadata management in WorldCat
• UKB Application profile for collection management
• ILL for the Dutch national collection – concerning all Dutch libraries
Contract components

- WorldCat
- Record Manager
- WorldCat knowledge base
- Link Resolver
- Collection Manager
- WorldShare ILL
- API’s (web services)

Not WMS!
UKB to WorldShare Platform

Architecture—contract components

National Infrastructure:
- WinIBW
- WebCat
- GGC NCC/IBL

National Infrastructure:
- LBS
- Aleph
- Vubis Smart
- WMS
- ---

ILS

Collection Manager
- Discovery
  - WorldCat Local
  - Primo
  - Summon
  - Discovery, Omega, other
  - New PiCarta experience

WorldCat
- WCKB
  - SFX
  - 360 Link, Other
  - Knowledge base / Link resolver

International Infrastructure:
- Connexion
- Record Manager
Issues to be solved or prepared

• Language of cataloguing
• Use of national and/or international authority files
• Use of MARC21 and RDA – best practices from Program for Cooperative Cataloguing (PCC/LC)
• Special collections – unique materials
• Shared use of WorldCat knowledge base – shared collection management
• Scenario’s for connections to other systems
• Keeping two databases up to date during transition period (current GGC and WorldCat)
• Switch to WorldShare ILL for all Dutch libraries
Project organisation

- Small group of experts from UKB and OCLC
  - Metadata
  - IT
  - Collection management
  - ILL
- Project board with UKB and OCLC
- Communication with internal and external stakeholders
- Project subsidy from the Pica Foundation
Original planning (dated January 2014)

<table>
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<th>Phase 1</th>
<th>January 2014 – June 2014</th>
<th>Preparation</th>
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<td>Phase 2</td>
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<td>Local implementation projects</td>
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<td>Phase 3</td>
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<td>WorldShare ILL</td>
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What really happened...

- Phase 1 (January 2014 - October 2014) = preparation
- Phase 2 (October 2014 - December 2016) = local implementation projects
- University libraries
  - 7 with implementation of WMS
  - 1 with implementation of Alma
  - 2 connected to existing Aleph
  - 1 connected to existing Pica LBS
  - 1 connected to existing own ILS
  - 10 implemented WorldCat knowledge base
  - 2 kept their SFX
  - 1 switched to Alma knowledge base
...and still to be decided and planned

- Implementation of Royal Library
- Transition to WorldShare ILL
Thank you very much

Please share your thoughts and ideas and ask your critical questions.
Also...

- Take a look at: [http://oc.lc/UKBtransition](http://oc.lc/UKBtransition)
- Or contact me at: simone.kortekaas@wur.nl
TE PUNA, JISC, LIBRARY AND ARCHIVES CANADA

Axel Kaschte
Product Strategy Director
OCLC EMEA
92% of New Zealand libraries use Te Puna Services for:

- Cataloguing tools
- Record management
- Te Puna Interloan
- OCLC services
- Te Puna Support
Te Puna Services with OCLC

New Zealand libraries on WorldCat
“Expertise in bibliographic management”

“High quality backup”

“Regular and seamless upgrades”

“Access to WorldCat”

“Established relationship”

“International standards”

“Data security”

“Adaptable as technology changes”
National Bibliographic Knowledgebase?

Legal Deposit Libraries
Academic Research Libraries
Teaching & Business Engaged Libraries
Specialist Libraries
Open Access Book Directories
Availability Data
NBK
Usage Data
- Benchmarking Collections
- Managing Print Collections
- Document Delivery
- Digitisation and Preservation
- Resource Discovery
- Copy Cataloguing

#EMEARC17
- all regional contacts
- collecting regional data
- regional config
- define regional services
- some development

- hosting CBS
- synch with WC, enrichment
- web visibility
- support
- bespoke development
Library and Archives Canada Begins Negotiations to Replace AMICUS

Library and Archives Canada (LAC) is beginning the process of negotiating with the Online Computer Library Centre (OCLC) to develop a cutting edge service to manage acquisitions, cataloguing, access, circulation and resource sharing to replace AMICUS, including the National Union Catalogue (NUC).

Both Amicus and the NUC are of critical importance to the Canadian library system. The current technologies for these were created almost 20 years ago and no longer meet the needs or expectations of Canadians in the 21st century.

After consulting key stakeholders in the Canadian library community, LAC, in its discussions with OCLC, is seeking to provide a service that:

- is efficient and state-of-the-art;
- gives Canadians comprehensive access to documentary heritage;
- values and protects Canadian culture.

A world leader in its field, OCLC boasts a membership that includes hundreds of Canadian libraries that use its services and expertise. This cooperative provides services in many languages, including French, and they are already working with the national libraries of New Zealand, Australia and the Netherlands.
National library task force for protected data
Questions?

David Whitehair
Director, Metadata Services
whitehad@oclc.org

Simone Kortekaas
Head of Collection and Information Management
simone.kortekaas@wur.nl

Axel Kaschte
Product Strategy Director
kaschtea@oclc.org

Because what is known must be shared.