Building European Library Cooperation

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Who We Are

OCLC Europe, The Middle East & Africa

- A European Based Organisation
  - Offices in Netherlands, England, France
  - with Over 20 Years Experience
  - Thinking Globally, Acting Locally
The rich cultural diversity of Europe is reflected in its libraries with different languages, scripts, cultures, cataloguing rules, data formats, subject and name authorities, classifications, lending systems etc.

Our challenge is to provide systems in a modular and generic way that are flexible in accommodating these differences.
Consortia

Libraries form networks (consortia) to achieve economies of scale in their systems and to provide extended collections and services to their users.
- Building Consortia
- Connecting Consortia
- Building Content
Consortia

- Building Consortia
  - Union catalogues
  - Resource sharing
  - Portal Management
  - Provision of Content
  - Reference Services
  - Digitisation

- Connecting Consortia
  - Union catalogues
  - Resource sharing
  - Reference Services
Building Consortia

- ABES
- UNIMARC

Catalogue, Enquiry, ILL

OCLC

WorldCat

SUDOC

BNF

Local

Acquisitions, Circulation, OPAC

CCF
Building Consortia

- GBV
- PicaMARC with local definitions

Other local

Portal

Catalogue, Enquiry, ILL

iPort

GBV

OCLC

dbase
dbase

dbase
dbase

LBS

LBS

LBS

Acquisitions, Circulation, OPAC
Building Consortia

- NCC
- PicaMARC

- Enquiry, Content, Delivery
- NCC

- PiCarta
- LBS

- OCLC
- WorldCat, Reference, ILL, eBooks

- Acquisitions, Circulation, OPAC, Portal (iPort)

- Enquiry, Catalogue, ILL
- Other local

- Digitisation
Differing Requirements

- Modular system
- Generic modules, capable of being tailored
- Robust and scalable
- Standards based to provide basis for interoperability of Consortia

- Unlike OCLC, no formal membership requirement
Consortial Users

- Partners are much more than customers
- Cooperative development
  - Provision of configurable tools and source code
  - Incorporation of partner developed features
  - Requirements specification by assigned Working Groups
  - High level Product Management, future planning
- Multi-level support
  - Help desk – consortial level
  - Discussion lists, Managed by OCLC PICA
  - Implementation support and training
- Building Consortia
- Connecting Consortia
- Building Content
Provision of a single comprehensive access point to library materials is critical to the continued central role of libraries in information provision

Because.....
Users are now used to:

- Single comprehensive source like Google
  - 2 billion URLs in 4 years
  - Leading search engine
- Content and comprehensive coverage
  - Access without learning dbase names; minimum or no training
The goal is to create a discovery infrastructure based on large regional indexes, so that users can seamlessly access the riches of the world’s libraries.

- The creation of the EUCAT index is a core element of this concept.
Global Discovery

Services

WorldCat Holdings
Links, Contents

Global index
Bibliographic Authorities
Directory of Libraries

EUCAT Holdings
Links, Contents

Other Holdings
Links, Contents

Services
Provision of Services

- Simple interface hides complexity
- Less complex with central indexes
  - Easier discovery (fewer databases to consult)
  - Easier delivery (provision of locations with the data)
Why a physical index?

- Successful virtual projects – ONE, VCUC, ZLOT etc.  
  - Broadcast searching generally slower as number of target databases increases  
  - Inconsistent results due to different indexing  
  - Common searches few and basic  
  - Detection of duplicates fails over large result sets  

- The TEL project is favouring the creation of a centralised index using OAIPMH
EUCAT

- Discovery tool (*not* a union catalogue)
- Links
  - to contributing union catalogues – authentication & authorisation, ILL, & copy cataloguing,
  - to document supply services for full text, reviews, e-books
- Search protocol ZING/SRU and openURL
- Update protocols
  - CBS/PSI pushed directly (NCC, GBV)
  - OAI, possibly using UCP data structures for modifications and deletions
  - FTP
- Possible enrichment on entry, e.g. Creation FRBR works
Cooperative development & experimentation

- Enhancements in retrieval & filtering
- Improvements in efficient metadata creation
- Authority control
  - Multi-lingual
  - Multi-classification
- Web resource sharing
- Data mining
- Remote access and rights management
- FRBR presentations
EUCAT with its association with WorldCat can provide a gateway to library resources that rivals Google as a gateway to Internet resources.

Unlike Google,
- always an available copy somewhere
- quality of resources more consistent
- more precise and complete results
- ordered links to reviews, citations, etc.
- quality of presentation & navigation
- Building Consortia
- Connecting Consortia
- Building Content
Building Content

- Digitisation
- eBooks – collection of 62,000
- Digital Archive
  - OCLC pilot
Digitisation

- Just a new form of Delivery?
  - But revolutionary

- Serves to
  - Protect originals
  - Uncover data via new index points (more powerful searching)
  - Provide remote access
  - Publicize the library; enforce its role
OCLC PICA & Digitisation

- Tools
  - CONTENTdm
  - Olive

- Production Services (Outsource)
  - Strata, Den Haag
  - OCLC Bethlehem, Pennsylvania
  - OCLC Lacey, Washington State

- Metadata loading to Union Catalogue
  - ContentDM
- Distributed
- Capture
- Metadata entry
- Organization

Acquisition Station
(1st floor)

Acquisition Station
(5th floor)

CONTENTdm Server

Acquisition Station
(Other building or country)
Multi-Site Server

- Distributed
  - Collection Management
  - Item server
- Shared Central Searching
- Multiple Collection Views
  - Local or global
  - Web based
Olive Active Paper Archive

- Digitising Historic Newspaper Collections
Digital Newspaper Process
from Newspaper to XML Repository
Building Content – Role of OCLC PICA

- Recognizes the importance of digital content for the future of libraries
- Selects most suitable products for the creation of digital objects
- Negotiates favourable license terms
- Influences the development of the products for the library market
OCLC PICA

- Seeks Partnerships
  - Build and grow consortia, collections
  - Interfaced services and systems
- Provides flexible solutions
  - Modular, configurable
  - Standards based
  - State of the art
- European based
http://oclcpica.org/content/1098/pdf/eICOLC.pdf