Library services in a new perspective: Unifying Resource Management

Jo Rademakers
Head of LIBIS @ K.U.Leuven
K.U.Leuven

• Comprehensive University
• 14 Faculties; 3 groups
• Including the Bachelor’s campus in Kortrijk
• Science, Engineering and Technology
  • 8000 students (1600 international)
• Humanities and Social sciences
  • 20.000 students (2600 international)
• Biomedical sciences
  • 9000 students (1000 international)
Leuven Integrated (B)Library and Information System

- Part of K.U.Leuven responsible for central library automation
  - Governed by a management board
- Since early 70’s
- Service offer for external organisations
- 16 highly qualified persons
  - + experts of library and ICT
- Partnership with Ex Libris
Welcome to the digital repository for KU Leuven research!

Lirias is a document repository to archive the KU Leuven research output in a digital way.

Lirias captures, stores, indexes, preserves, and distributes digital research material of the KU Leuven.

The repository is structured into communities and collections, representing groups, departments and divisions. You can browse through the archive, search in the full text, generate bibliographies etc.

KU Leuven users can log in with their regular user-id and password on the "My Lirias" page.

Upcoming Training Sessions

- Workshop: Management of publications in Lirias

The next session will take place on

Articles in internationally reviewed scientific journals


Library

Academic

Lirias

Print

Electronic

Digital

8

Library

Academic

Lirias

Print

Electronic

Digital

DSpace

Layer

Management

Discovery and delivery

Print

Electronic

Digital

Linking

DSpace

Aleph

MetaLib

DigiTool

LibriLinks

SFX

bX

Public layer

DSpace

Aleph

MetaLib

Verde

DigiTool

Management layer

DSpace

Aleph

MetaLib

Verde

DigiTool

Repository layer

DSpace

Aleph

MetaLib

Verde

DigiTool

Academic

DSpace

Aleph

MetaLib

Verde

DigiTool

Library

Academic

Lirias

Print

Electronic

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Repository layer

DSpace

Aleph

MetaLib

Verde

DigiTool

Academic

DSpace

Aleph

MetaLib

Verde

DigiTool

Library

Academic

Lirias

Print

Electronic

Digital

DSpace

Aleph

MetaLib

DigiTool

LibriLinks

SFX

bX

Public layer

DSpace

Aleph

MetaLib

Verde

DigiTool

Management layer

DSpace

Aleph

MetaLib

Verde

DigiTool

Repository layer

DSpace

Aleph

MetaLib

Verde

DigiTool

Academic

DSpace

Aleph

MetaLib

Verde

DigiTool

Library
Unified Resource Discovery and Delivery

Limo

Aleph  SFX  MetaLi  Verde  DigiTool

Print  Electronic  Digital  Academic
Unified Resource Discovery and Delivery

Unified Resource Management

Alma

Print  Electronic  Digital  Academic
K.U.Leuven libraries

- 11 Libraries
- > 4 M items
- Large e-resource collection
- Several repositories (research, AVM...)
- Integrate with
  - Archives
  - Museums
K.U.Leuven libraries

• Changing expectations of stake holders
  • End users
  • Management

• Consolidtation of working processes
  • 95 % of original cataloguing
  • Go E-only
  • Integration of dispersed workflows
  • Integration in / with other systems eg. Blackboard, SAP, SSO, Self service systems incl. payment systems...
K.U.Leuven libraries

- Great team of librarians (approx. 170)
  - new generation coming in
- Stagnating budgets (ahum...)


A Library network

• Different types of libraries:
  • Collections
  • Size
  • Personnel
  • Budget
  • Needs

• Different cataloguing needs
  • Local keywords
A Library network

- Multilingual
- Different patron types and sources
- Seperated administrative data (where needed)
- Resource sharing
  - ILL ↔ Intra-consortial borrowing
- Specific interfaces (including API’s) and reports
A service provider

- Total Cost of Ownership (TCO)
  - Streamline technology
  - Complexity of operations
- Maintain / Increase service levels
- Sustain added value
  - Customised services / reports
- Public libraries
  - Focussed towards fulfillment...
Why we became a development partner

- Ex Libris came to us with an interesting vision about the future of libraries and library systems
- Challenging times for libraries
  - Net-generation
  - Budget cuts
  - There IS a world outside
- After streamlining the front office we need to streamline the backoffice → expectations
- We think we have something to offer and are encouraged by university management

It’s [a]live, Jim... but not as we know it!
What we expect...

- From the process
  - Open minded approach!
  - Focus on what *really* matters
  - Question every existing workprocess
  - Think about alternatives for outdated processes
  - Think about new services
  - Look beyond traditional library borders
  - Exchange of best practices
What we expect...

- From the solution
  - A framework to create new services
    - e.g. based on statistical information
    - Alternatives for outdated processes
    - Integrated in the world outside
  - Integration of workprocesses across material types and departments...
    - but also across other library like organisations
What we expect...

- From the solution
  - Reduce Total Cost of Ownership (TCO)
    - Streamlined technology
    - Complexity of operations
    - Less cataloguing
  - Increase service levels
Goals of Unified Resource Management

- Integration of back-office processes (independent of material type, format, acquisition method) to
  - Streamline current work processes
  - Optimize staff resources

- Decrease total cost of metadata management through
  - New possibilities for automated data enrichment
  - Community building
Goals of Unified Resource Management

- Increase cooperation between libraries for ex. acquisition, collections, technical support...
  - Exchange of expertise and knowledge

- A service-oriented architecture that allows for local adaptations and additions to fulfill local needs
Strategy

CONSOLIDATE
the frameworks

OPTIMISE
through collaboration

EXTEND
the range of services

© Ex Libris
Consolidate the Frameworks

Unified Discovery

Primo

Preservation
Fulfillment & Linking
Resource & Metadata Mgmt
Acquisitions
Selection

Unified Management

© Ex Libris
Collaborative Metadata management

Library Zone
Library Zone for private bibliographic & authority records

Inventory
Inventories to reflect holdings and institutional structure

Community Zone
Community Zone for global, shared bibliographic & authority records

© Ex Libris
User-driven collection development
Cross-resource type selection
Combined acquisition and activation

Usage-driven evaluation & renewal
Digitization on demand
Unified fulfillment – P, E, & D
- **Consolidate**
  - Unified management of all resource types
  - Consolidated workflows & data

- **Optimise**
  - Cloud service
  - Collaborations (libraries, users)
  - Analytics-driven

- **Extend**
  - Open, Service Oriented, Extensible
  - Enables libraries to offer new services
Where

DACHELA 2011

2008
2009
2010
2011

Q4
Q1
Q2
Q3
Q4
Q1
Q2
Q3
Q4

HL Dev Estimation

URM PRD is Ready

Conceptual Design

All Partners Engaged

Selection & Acquisition Solution Review

Cataloging Solution Review

Selection & Acquisition CD Review + Fulfillment Solution Review

Cataloging CD Review

Fulfillment CD Review + Digital Solution Review

Digital CD Review

Partner activities

PR1
PR2
PR3
PR4
PR5 > UAT

Release 1
Release 2
Release 3
Release 4
Release 5

Development

Testing

Today
1. Epidemics resulting from wars/
   - Subject: Military/Medicine history – War – Disease Outbreaks history and others
   - Availability: Physical Version at ULINC: GEN (2 copies, 2 available)

2. Bibliographical survey of contemporary sources for the economic and social history of the war,
   - Series: [Carnegie endowment for international peace. Division of economics and history. Economics and social history of the world war. British series
   - Subject: Working class Great Britain Bibliography. -- Government publications Great Britain Bibliography. -- World War, 1914-1918 Finance Bibliography. Great Britain and others
   - Availability: Physical Version at ULINC: GEN (1 copy, 0 available)

3. Journal, Southeast Asian history.
   - ISSN: 0217-7811
   - Subject: Asia, Southeastern History Periodicals.
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**Fund Balance**

- **Allocated Balance**: 37,000.00
- **Expended Balance**: 0.00
- **Cash Balance**: 37,000.00
- **Encumbered Balance**: 0.00
- **Available Balance**: 37,000.00

No Currency was set.
Unified Resource Discovery and Delivery

Primo

Unified Resource Management

Alma

Library

Academic

Repository layer

DigiTool

Management layer

Alma

Aleph

SFX

Metalib

Verde

Electronic

Digital

Print

Electronic

Digital

Academic
Plan Name: test Sam Preservation plan 2
Creation Date: 03/08/2011
Created By: staffuser
Target Format ID: x-fmt/392
Updated On: 05/08/2011
Updated By: staffuser
Source Classification: Image (Mix)
Risk Code: ZERO_APPLICATIONS
Export Directory: /exlibris/dps/d4_1/profile
/operational_shared
/operational_export_directory
/2511206
Import Directory: /exlibris/dps/d4_1/profile
/operational_shared
/operational_export_directory
/2511206

Plan Execution Parameters
* Block Size (No. of IEs): 1000

Plan Execution Scheduling
Schedule the plan execution starting time:
- Immediately
- Start At:
  - Date: 05
  - Time: 11
  - 08
  - 2011
  - 05
## Menu of the week

**Monday**

- **Soup with sundried tomatoes, pasta and vegetables € 2.00**
- **Carrot soup**

- **Tortellini pasta with cheese and spinach, served with tomato and corn € 4.10**
- **Hungarian stew with vegetable rice € 5.00**
- **Turkey roll with pepper cream sauce and peas € 4.60**
- **Turkey steak with Provencale sauce € 2.60**
- **Chicken fillet with vegetables and sauce € 4.10**
- **Vol-au-vent € 3.50**

**EXTRA SALAD 0.90 (TAKE AWAY 1.40)**

**SELECTION OF SANDWICHES**

**TODAY'S COLD PLATE**

**SALAD OF THE WEEK**

**Tuesday**

- **Chervil soup € 2.00**
- **Creamy chicken soup with Chinese cabbage and curry**

- **Pepper stuffed with quorn and vegetarian sauce € 4.10**

- **Schnappetti hólnonaise € 2.60 - 3.10**
Thank you!

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