# Unified Access to heterogeneous library services

Dr. Peter Kostädt

Head of IT-Department

University and City Library of Cologne





## **University of Cologne**

- Founded in 1388
- 43.000 students
- Two-tier library system
  - Main library (University and City Library)
  - 145 autonomous faculty & institute libraries



## **University and City Library of Cologne**

- 4 million items
- 70.000 e-journals, 23.000 e-books
- 1,2 million loans per year (self-service via RFID)
- 43.000 active users
  - students + faculty members : 29.000 (67 %)
  - external users: 14.000 (33 %)



## **Library Portal: Mission**

Connect users to content with minimal barriers and maximum speed and ease.







#### **Main Goals**

- Single user interface for access to all of the library's resources and services
- Enhancement of search facilities
  - Open source search engine (Xapian) for local metadata (12 million records)
  - EBSCO Discovery Service for licensed content (> 500.000 million records)
  - Metasearch for union catalogs (ILL)
- Single Sign-On





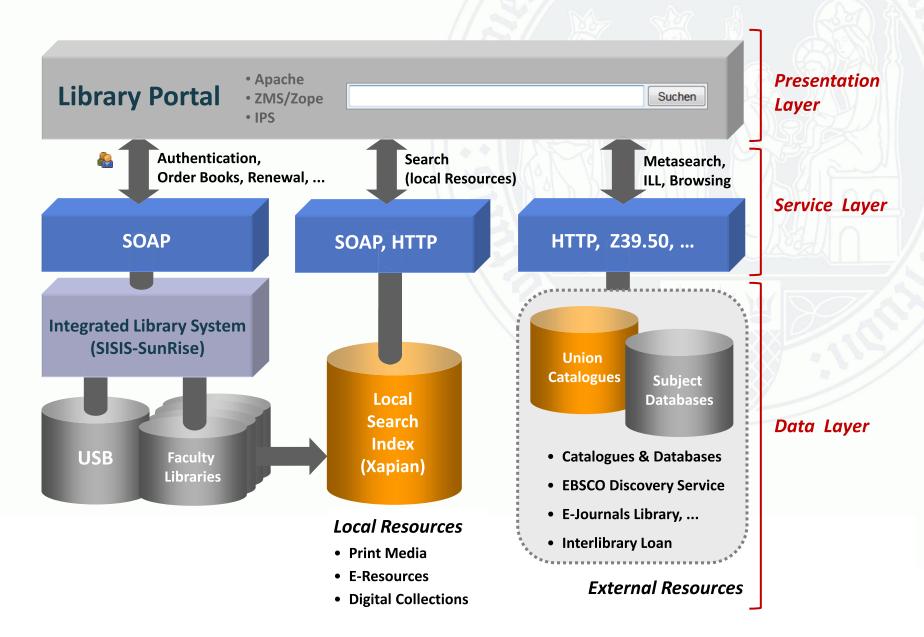
## Main Goals (2)

- Integration of functions for ordering and reservation
  - LMS (SISIS SunRise, OCLC)
  - Patron driven acquisition
  - Inter-library loan
- Aggregation of account data from multiple systems
- Extension of usage reporting





#### **Service-oriented Architecture**



## Aggregation of e-book metadata

- 23.000 licensed e-books from various publishers
- 365.000 e-books licensed by the <u>DFG</u> (German Research Foundation)
- 1.157.000 free e-books from OpenLibrary.org
- 33.000 free e-books from Gutenberg.org
- 17.500 free e-books from Wikisource
- 1.100 free e-books from the <u>Directory of Open</u> <u>Access Books</u>





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## Digitization of copyright-free books

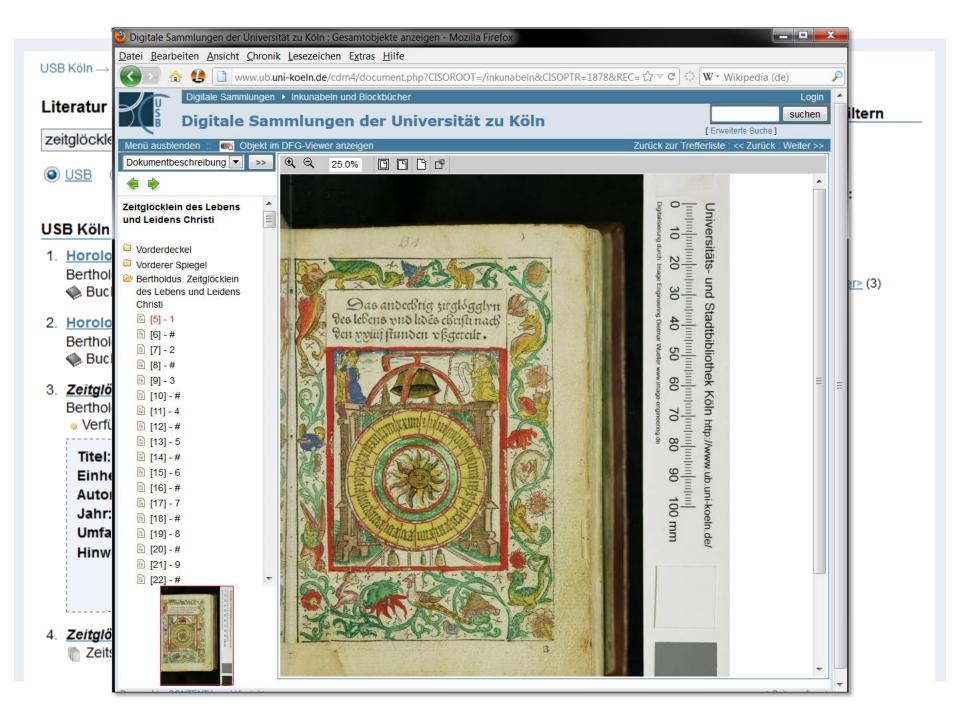
- ScanRobot®
- Bookeye®
   Overhead-scanners

CONTENTIAM
 Digital Collection
 Management Software
 (OCLC)







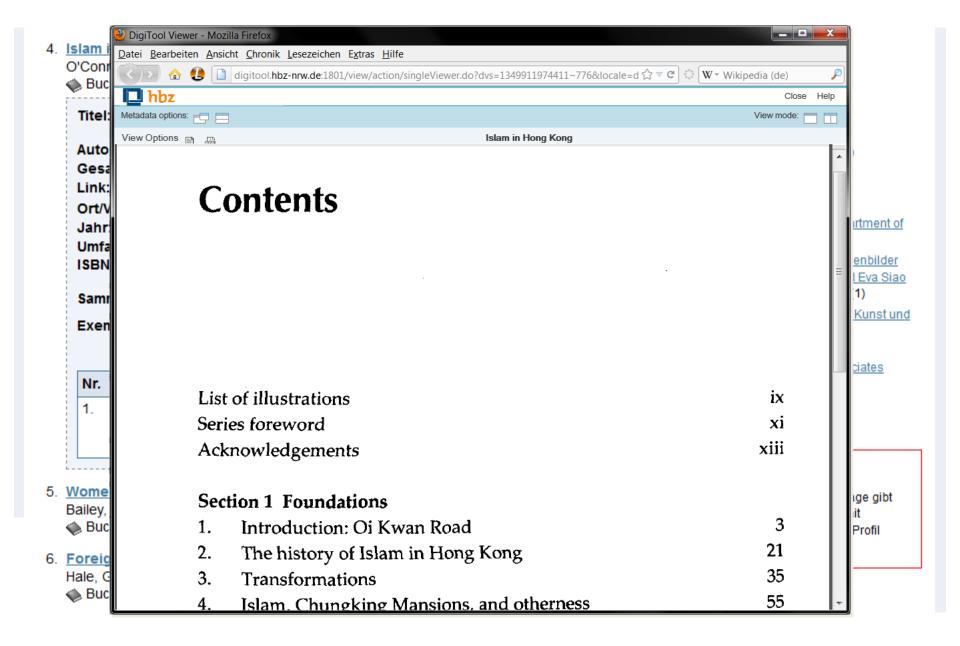


## **Catalogue Enrichment**

 Tables of contents of newly acquired books are scanned and processed as full text using text recognition (OCR)







#### **Mobile Website**





## Thank you very much for your attention!

Dr. Peter Kostädt



kostaedt@ub.uni-koeln.de

http://www.ub.uni-koeln.de



