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KOBV Regional Portal Integration of Primo Central Index
Agenda

- KOBV Consortium
- Portal Functionality
- System Architecture
- Primo Central Integration
- Development Process
KOBV Consortium Berlin – Brandenburg

- Regional library consortium
- 250+ libraries
  - University libraries
  - Scientific libraries
  - Public libraries
  - State library
- 30+ Mio unique records
- KOBV located at Zuse Institute
  - IT infrastructure
  - Development capabilities
Mission Statement:
- KOBV provides the search to all library resources and access to the services at libraries of the Berlin and Brandenburg region.
Legacy Search Using Metalib

User studies
- To slow
- To confusing
- No availability of information
AIM:
- make the portal fast and easy to use
  “under one roof, at one place” for all of our users
Project KOBV Portl K2

- Funding by the European Regional Development Fund (ERDF) 01/2013 – 09/2015
  - 2 + 2 developers
- Agile development
  - Every 3 months a new version
- Cooperation with the Library School at Humboldt University
  - Accompanied interface design by students
  - User tests
KOBV Portal K2: Core Requirements

- Display records from all libraries in the region
- Display libraries licensed content (e-journals)
- Fast response times (< 1 Sec.)
- Point to library locations
- Display availability
- Mobile interface
KOBV Portal: System Design

- SOLR based search engine
- Java + Apache / Tomcat infrastructure
- Reuse existing KOBV technology from former project and services (ALBERT FE)
Portal Frontend / Library Location

KOBV Bibliothekenführer

Library
- HU Berlin
- FU Berlin
- TU Berlin

Filter
- Type of Medium
- Language
- Region

Sortierungsmaßstab: Relevanz

KOBV Online Articles
AIM:
- Show all content licensed by KOBV libraries
- Show all free available content

Data sources:
- Library licenses maintained in ZDB / EZB (German Journal Database / Electronic Journal Database)
- Free e-journals shall be selected within the PC management interface
Create a Google Scholar compatible license information file

=> Can not join information from PC management („free journals only“) and information from the license file.
=> **Only intersection possible!**
=> Use „all journals / retrieval unrestricted“ instead

Search Primo Central via Metalib+ Environment

=> Records do not contain information whether the e-journal is free or not
=> Only a data source code identifier is available, which manually has to be checked, whether the source is free or not
A review of Late Cretaceous fossil birds from Hungary (2010)
Dyke, Gareth J.; Ósi, Ágota

Description:
We review the previously described Late Cretaceous (Santonian) bird remains from the Csehbány Formation in the Bakony Mountains of Hungary, augmenting initial work by Ósi (2008), and add a number of newly collected fossils. All together, the eight fossil specimens so far collected from this site are important to our understanding of avian evolution because they document a large range of taxon body sizes from at least one major lineage (Enantiornithes) and come from a critically undersampled time period in the Cretaceous. Globally, very little fossil bird material has been collected from the middle stages of the Late Cretaceous, the Coniacian and Santonian; most known taxa are either Early Cretaceous (120 Ma) in age or are from the terminal Campanian and Maastrichtian (70-65 Ma). Indeed, one of the Csehbány Formation fossil birds is recognized as a new taxon of large
Development Process

- Refactoring of legacy code
  - Code quality
- Agile development
  - Standard tools (SVN, Jenkins, Jira, ...)
  - Continuous integration
  - Automatic testing (test coverage > 70%)

=>>>> Every 3 month a new version
Cooperation with the Library School at Humboldt University

- 2 Seminars with students from the library school (each 3 months)
- SS 2014
  - Mockup prototyping
  - Wireframes
  - Interface design workshop
Cooperation with the Library School at Humboldt University (cont.)

- SS 2015
  - Test of the „final“ portal version by external users (non-librarians)
  - Test of new features
    - Start page, external index, mobile view
  - Qualitative (methods: think-Loud, eye-tracking)
  - Quantitative (web log analysis, web analytics (PIWIK))
Conclusions

- Very usable and performant portal, can be used for other library catalogue front ends as well
- Can use 3rd. party SOLR indexes (e.g. German National Index, t.b.d)
- Lack in license information with Primo Central
- Easy recruitment of test users
- Overlaps in recommendations and development
Thank You ...

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