

MetaLib Functionality in a University Portal experiences - solutions (- ideas)

Contents:

- (University) Portal in general
- Goal: Oldenburg University Portal
- Problems integrating MetaLib

University-Portal - Why ?

- Collection of situation specific information resources
 - Specific contents for a specific user group
 - Student, research, staff
 - subject,
- Similar look and feel
- Make support easier

- Single sign on (SSO), identity management (IdM)

Portal Information gateway – OPAC I

settings / logout

areas

funct. groups (*Student*)

- My Account - Sign Out

PERSÖNLICHES DIENSTE-PORTAL

Desktop Student

ePrüfung | Bibliothek | Stud.IP | Uni-Infos | Freizeit

Navigation

Bibliothek

- Benutzerkonto
- Hilfe

Bibliothek-Suche

Simple Search - Advanced Search

Simple Search

Search

Scope of the search: ORBIS-Catalogue global

portlets (*Bibliothek / library*)

– *Made by students, result of a “software project”,*

Portal Information gateway - OPAC II

The screenshot shows a Mozilla Firefox browser window with the address bar displaying 'Bibliothek - Mozilla Firefox <2>'. The browser's menu bar includes 'File', 'Edit', 'View', 'Go', 'Bookmarks', 'Tools', and 'Help'. The main content area is divided into two panels. The left panel, titled 'Navigation', contains a 'Bibliothek' menu with 'Benutzerkonto' and 'Hilfe' options. The right panel, titled 'Bibliothek-Suche', features a search interface with a search bar containing the text 'laser' and a 'Search' button. Below the search bar, the scope of the search is set to 'ORBIS-Catalogue' and 'global'. The search results are displayed in a list format, with the first result expanded to show detailed information. A red box with the text 'Display results' is overlaid on the left side of the page, with two red arrows pointing to the search bar and the first search result.

Navigation

Bibliothek

- Benutzerkonto
- Hilfe

Bibliothek-Suche

Simple Search - Advanced Search

Simple Search

laser Search

Scope of the search: ORBIS-Catalogue global

[1] Handbook of laser technology and applications
Author(s): **Webb, Colin E.**
Information on literature: Publisher: IoP , 2004 , ISBN 0-7503-0607-6 , Language: en
Copies:

- IBIT: n/a
- Availability: n/a
- Shelfmark: noch nicht verfügbar

[2] Laser design and laser systems
Webb, Colin E.;

[3] The history of the laser
Bertolotti, Mario;

[4] Laser crystallization of silicon
Nickel, Norbert H.;

[5] Laser capture microdissection : methods and protocols
Murray, Graeme I.; Curran, Stephanie;

[6] Laser fine welding of high-precision tubes with Nd:YAG lasers
Cicek, Gökhan; Kreitlow, Horst Gutachter; Weiler, Karl-Heinz Gutachter;

[7] Solid-state laser engineering : with 45 tables
Koechner, Walter;

[8] Special issue on vibration measurements by laser techniques : advances and applications ; collection of papers selected from the 4th AIVELA Conference on Vibration Measurements by Laser Techniques, held in Ancona in June 2000
Tomasini, E.;

[9] Laser : Bauformen, Strahlführung, Anwendungen ; mit 57 Tabellen, 164 Aufgaben und vollständigen

Oldenburg University Portal – areas

- **Controlled and less is more**
- **2 areas**
 - **Role-based: Student**
 - **predefined, unchangeable**
 - **Free: Desktop**
 - **configurable**

University Portal – area *Student*

Content: Relevant Resources for study:

- **LMS (Stud.IP)**
- **E-Exam**
- **Information gateway:**
 - **OPAC,**
 - **MetaLib,**
 - **...**

University Portal – area *Desktop*

Home - Mozilla Firefox

File Edit View Go Bookmarks Tools Help

https://devsrv01.uni-oldenburg.de:6443/c/portal/layout?p_l_id=1

Content and Layout - My Account - Sign Out

PERSÖNLICHES DIENSTE-PORTAL

Desktop Student Home

Wiki

You do not have the roles required to access this portlet.

News

You do not have the roles required to access this portlet.

Calendar

Day Week Month Year Events Tasks

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

Thursday, August 31, 2006

There are no events on this day.

August 2006 All Events

Add Portlet to Narrow Column

Theater in Oldenburg Add

Add Portlet to Wide Column

Informationen des Departments fuer Informatik Add

About - Disclaimer

Portal- Including Resources

The screenshot displays a Mozilla Firefox browser window with the address bar showing `https://devsrv01.uni-oldenburg.de:6443/c/portal/layout?p_l_id=1`. The page header includes the university logo and navigation links: "Content and Layout - My Account - Sign Out" and "PERSONLICHES DIENSTE-PORTAL". A user menu shows "Desktop", "Student", and "Home".

An inset window titled "MetaLib™ - QuickSearch - Mozilla Firefox" shows the search interface. The header features the "MetaLib" logo and "UNIOl" branding. Navigation tabs include "QuickSearch", "Find Database", "Find e-Journal", "MetaSearch", and "My Space". A search bar is present with a "GO" button. Below the search bar, there are tabs for "Simple" and "Advanced" search, and a link for "Film und Fernsehen".

Oldenburg University Portal - Intention

Context:

- **Project funded by the DFG (German Research Foundation), focus on reorganisation**
 - **Sub projects: IdM, University-Portal, ...**
 - **Results at halftime:**
 - **Evaluation and setting up**
 - **liferay,**
 - **SSO (CAS),**
 - **Concept for and start with IdM**

Goal – Contents

Information Gateway:

1. Implementation SSO

- **OPAC (via HTML - front-end)**
- **MetaLib (via HTML - front-end)**

2. Liferay portlet with full MetaLib functionality

3. Connection to/from LMS

- **E-Shelf / bibliographic management in the portal**

Connecting to SSO / CAS

SSO – CAS:

- **Application has not to handle logins/passwords:**
 - **Authentication: handling of CAS (service/proxy tickets)**
 - **Authorization: ... roles/rights derived from LDAP**
- **MetaLib/PDS has been CASsified**
- **other applications (OPAC, LMS) - no problems**

Liferay-portlet

- **Connecting MetaLib X-Services ...**
- **Problem: X-Services can not use CAS/SSO**
 - **User specific functions can not be used**
- **Handling of E-shelf folders, my ... not possible**
- **Multiple LDAPs**

Step 3: Bibliographic data management I

- **Defining areas/folders of bibliographic data (tree)**
- **Public or private**
- **Storing results, searches**
- **Importing of (public) folders**
- **Can be accessed via linking from other applications (LMS)**

Can this be done via MetaLib (X-Services) ?

Step 3: Bibliographic data management – draft I

The screenshot shows the Liferay Booksshelf web application interface. The window title is "Liferay Booksshelf". There are two tabs: "Baumansicht" (selected) and "Verwaltung". The main content area displays a tree view of a book collection for the user "test@lifreray.com".

- Büchersammlung von test@lifreray.com
 - Öffentlich
 - Linux für Anfänger (details)
 - Veranstaltung: Datenbanken
 - Homepage: MySQL (schliessen)

URL: **http://www.mysql.com**
 - Datenbanken : Theorie, Entwurf und Programmierung relationaler Datenbanken (details)
 - Datenbanken : Datenmodelle, Objekte, WWW, XML (details)
 - Verschiedene SQL Server
 - Privat
 - Romane
 - OpenGL
 - Jetzt lerne ich OpenGL : der einfache Einstieg in die Schnittstellenprogrammierung... (schliessen)

Autor(en): **Burggraf, Lorenz**

Literaturangaben: Verlag: Markt+-Technik-Verl, 2003, Sprache: ger
 - OpenGL programming guide : the official guide to learning OpenGL, version 2 (details)
 - OpenGL RedBook (details)
 - Importiert
 - Veranstaltung: Test (von testuser02)
 - Link1 (details)

Step 3: Bibliographic management – draft II

The screenshot displays the Liferay Booksshelf interface. At the top, there are two tabs: "Baumansicht" (Tree View) and "Verwaltung" (Management). Below the tabs are two buttons: "Ordner Hinzufügen" (Add Folder) and "Eintrag Hinzufügen" (Add Entry). The main area shows a tree view of a book collection titled "Büchersammlung von test@lifreray.com".

- Öffentlich** (Public)
 - Linux für Anfänger
 - Veranstaltung: Datenbanken
 - Homepage: MySQL
 - Datenbanken : Theorie, Entwurf und Programmierung relationaler Datenbanken
 - Datenbanken : Datenmodelle, Objekte, WWW, XML
 - Verschiedene SQL Server
- Privat** (Private)
 - Romane
 - OpenGL
 - Jetzt lerne ich OpenGL : der einfache Einstieg in die Schnittstellenprogrammierung...
 - OpenGL programming guide : the official guide to learning OpenGL, version 2
 - OpenGL RedBook
- Importiert** (Imported)
 - Veranstaltung: Test (von testuser02)
 - Link1

Each item in the tree has associated icons for actions: an upward arrow (move up), a downward arrow (move down), a red 'X' (delete), and a pencil (edit).

Conclusion with regard to MetaLib

- **A portal has benefits for study, support**
- **MetaLib is a core application of the information gateway**
- **MetaLib X-services (V.3)**
 - **has to be used (XML-API)**
 - **can not be integrated in SSO without Workarounds (conceptual gap ?)**

(...should have complete MetaLib functionality)

Thank you for your interest

and also thanks to

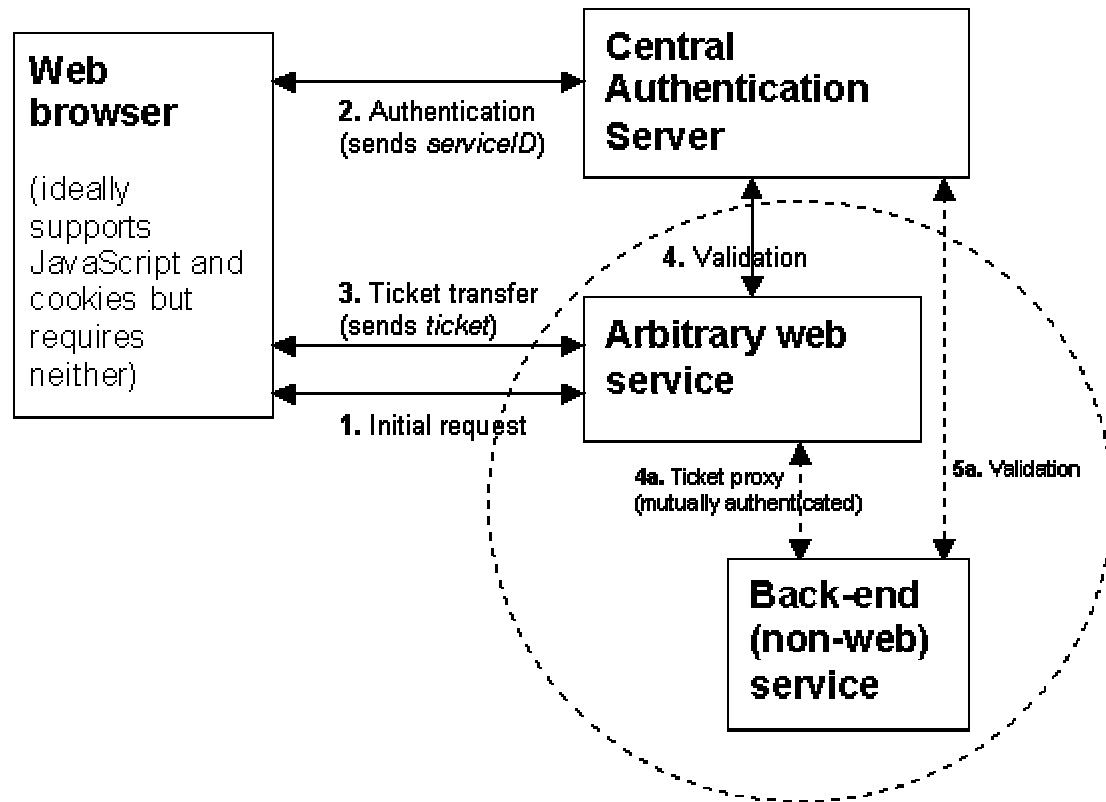
**Ex Libris, Hamburg – supported integration
CAS/LDAP in PDS**

**KOBV, Berlin – Hosting and technical Support for
MetaLib**

A. Duscheleit – Bookshelf-Portlet

H. Schulte-Borchers – MetaLib-Portlet

Central Authentication Service (CAS)



http://www.ja-sig.org/products/cas/overview/cas1_architecture/index.html