Push and Pull of the OPAC

IGeLU 2007 – Breakout sessions #3 13a
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Jonkoping University Library
Jonkoping University

2006
6732 full time students
676 staff

Library
24 staff
On ALEPH since 2001
Version 16.2
186055 items
204825 bibs

MetaLib
SFX
Re-designing the ALEPH 16.2 OPAC

Web 2.0 as a model for development of OPAC

Perpetual beta

http://bibl.hj.se | http://julia.hj.se

• Structural change and graphical integration

• Search sensitive help

• Forward search

• Linking

• Subject clouds

• Working with webservices
Structural change and graphical integration

Stealth OPAC – integrates with library webpage

Leaving large table views

Requires a lot of css editing and a lot of hacking OPAC files

User can navigate the library resources without the sense of leaving the library website

We aim to integrate the OPAC, SFX A-Z and MetaLib interfaces with the library website look and feel
Push & Pull of the OPAC | daniel.forsman@bibl.hj.se | IGeLU 2007
Entrepreneurship

To the right you find a table of contents to the different sections on how to find information on entrepreneurship. Under each section I will guide you in your information searching from various aspects, e.g. search methodology, the scientific publishing process, Internet searching or tips on various important resources within the subject. These resources are reference works and journals in printed form, as well as databases with material in electronic form.

Housed on the top floor of the University Library, is the world-leading ICE collection, which contains literature on all aspects of small business and entrepreneurship.

Search methodology

The first thing you should do is to find an established definition of the term/problem that you are investigating. This is easiest done by consulting an encyclopedia. The next step is to define what type of material you need. What topicality, scope and scientificity is needed? Do you need any statistic information, laws, or other factual material? In order for the search to be of as good quality as possible, formulating the search question is of great importance. Note that truncation (or wildcards), synonyms, linguistic differences, and the combination of words will affect the search result. Different resources may demand different search techniques, e.g. searching in JULIA will demand broader search terms than searching for separate words in the whole text in a full text database.
Journals at Jönköping University Library

Title search | Category | Combined search

0-9 A B C D E F G H I J K L M N O P Q R S T U V W X Y Z Övriga/Other

Journal title: 

- Starts with  - Contains  - Exact match  Search

Administered by Daniel Forsman
## Journals at Jönköping University Library

**Title search** | **Category** | **Combined search**

<table>
<thead>
<tr>
<th>Journal title</th>
<th>ISSN</th>
</tr>
</thead>
<tbody>
<tr>
<td>C &amp; D debris recycling</td>
<td>1078-3474</td>
</tr>
<tr>
<td>C O R S journal</td>
<td>0574-6639</td>
</tr>
<tr>
<td>C S I R. annual report</td>
<td>0370-8454</td>
</tr>
<tr>
<td>CA</td>
<td>0007-5235</td>
</tr>
<tr>
<td>CA magazine</td>
<td>0317-6878</td>
</tr>
</tbody>
</table>
Working with webservice

Use services outside of the OPAC to enhance it

**Spellchecking** – Google SOAP, Yahoo! REST, Ockham, Aspell
Parse URL to get search-terms

**Covers** - Amazon
DOM script to get the ISBN
Repeat $01$ as td id= in full-999-body
Pass ISBN to Amazon webservice and get XML back.

Other webservice of interest – translation of search terms
JULIA - record in full view

Title: AJAX and PHP: building responsive web applications
Author/editor: Darie, Cristian
Publication: Birmingham: Packt, 2006
Description: 273 p.: ill.
ISBN: 1904811826
Subject: Web programming, AJAX, PHP
System no: 000294215

Is the title available?
Search sensitive help

Some search words are more common than others

Reference librarians assumptions

Search word analys – 300 most common search terms

URL parsing catches search word and matches them with flagged search terms. If there is a match a tailored help text is displayed along with the result list
### Results list

**Free text - america democracy**

**Showing 1 - 20 of 51**

<table>
<thead>
<tr>
<th>#</th>
<th>Title</th>
<th>Author</th>
<th>Year</th>
<th>Type</th>
<th>Link to fulltext</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>The broken branch how Congress is failing America and how to get it back on track /</td>
<td>Manni, Thomas E.</td>
<td>2006</td>
<td>E-PUBLICATION</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>California America's high-stakes experiment /</td>
<td>Schroep, Peter</td>
<td>2006</td>
<td>E-PUBLICATION</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>The most democratic branch how the courts serve America /</td>
<td>Rosen, Jeffrey, 1964-</td>
<td>2006</td>
<td>E-PUBLICATION</td>
<td></td>
</tr>
</tbody>
</table>
Forward search

We are not alone – linking to others puts us in a context

Avoid the dead end OPAC

URL parsing
Services that support URL syntax searching

Search word prepared URL for Google Scholar, LIBRIS, public library

MetaLib X-server
Small federated search – OPAC, national union cat, public library, beta
Results list

Free text = management theses

Showing 1 - 7 of 7

#1  A framework for the strategic management of information technology
2005, Flosström, Raquel, 1965-
BOOK
Show copy
Link to fulltext

#2  Treatment of acutely sick, frail elderly patient in a geriatric evaluation and management unit; results from a prospective randomised trial
2006, Selvedj, Ingvid
BOOK
Show copy

#3  Asia and Africa in the global economy 1st American ed.
c2003,
5 PUBLICATION
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2003. Yank, Kevin
BOOK
Show copy

#19 Creating database Web applications with PHP and ASP 1st ed.
c2003... Meyer, Jeanine.
E-PUBLICATION
Link to fulltext

#20 Open source web development with LAMP : using Linux, Apache, MySQL, Perl and PHP /
BOOK
Show copy

Handle selected records:
Select all | Show selected | Save/E-mail | Add to basket | Display basket

Handle search:
Modify search | Show books currently on shelf | Results list | Search history | Only swedish titles | Last 5 years
Subject clouds

Subject headings can be useful
Users don’t see or understand them

By displaying them outside of the traditional record view
we are promoting them

The goal is to make them more visible

Cloud view – draws attentions
The size of descriptors are determined by frequency
Title: AJAX and PHP: building responsive web applications
Author/editor: Daria, Cristian
Publication: Birmingham: Packt, 2006
Description: 273 s. : ill.
ISBN: 1904811826
Subject: Web programming, AJAX, PHP
System no: 000294215
Linking
Foundation for navigation on the web
Major problem if we can not provide links to our Resources.

Remove session data in URL and present a more persistent URL
request= over session_id=

Add to any
Link service that aggregate feed readers, bookmark managers and other services like sphere it and digg.
JULIA - record in full view

Title: AJAX and PHP: building responsive web applications / Cristian Danie...
Author/editor: Danie, Cristian
Publication: Birmingham: Paolit, 2006
Description: 273 s. : ill.
ISBN: 1904911825
Subject: Webprogramming, Web programming, AJAX, PHP
System no: 000294215

Is the title available?
Add "http://193.10.208.70/F/?func=full-set-set&set_number=006045&set_entry=000001&format=999" to the service(s) you use below.

Narrow down the list: [ ] All [ ] Feed Readers [ ] Bookmark Managers [ ] Other

[ ] Remember my services
[END]