formation Services and Systems

VuFind search engine & portal software

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@Mark_H_Swansea

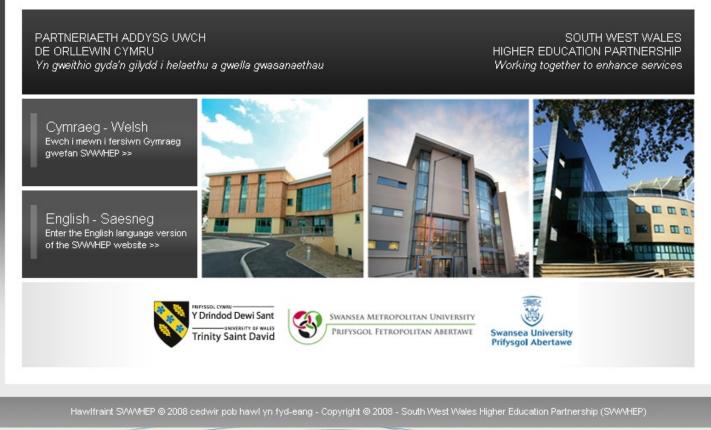


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Where it all started...

The SWWHEP Project - http://www.swwhep.ac.uk/





SWWHEP Project Background

VIRTUAL ACADEMIC LIBRARY PROJECT

Budget of £1 million

Goals

Reciprocal borrowing for all staff and students

Physical and electronic document delivery between the three institutions

Implementation of RFID technology in all three library services Shared storage of low use research material

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SWWHEP Project Background

VIRTUAL ACADEMIC LIBRARY PROJECT

Budget of £1 million

Goals

An exploration of opportunities for the single management of services between Swansea University and Swansea Metropolitan University

A co-ordinated approach to staff development

Shared implementation of new services and process development

Shared access to library catalogues and if feasible e-resources

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Why VuFind?

Requirements

- 3 LMS's = 1 discovery interface
 - Ex Libris Voyager
 - SirsiDynix Horizon
 - Talis Alto / Prism
- Full 'next generation' interface
- Customisable
- Integrate Federated Search
- Cost

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http://vufind.org/



Why VuFind?

Proprietary ruled out

Functionality

Cost

Flexibility

Exception: Federated Search

No viable Open Source Alternative

Support & Knowledge Base

Integration capabilities

VuFind Chosen Rich functionality Strong community Flexible Stable Easy to set up

Known technologies

'Lowest risk'

Possibility of Integration with SFX / MetaLib

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Why Vufind?



About Features Events Downloads Documentation Roadmap Support VuFind is a library resource portal designed and developed Your Account | Log Out Advanced All Fields * Find for libraries by libraries. The goal of VuFind is to enable your resources by replacing the traditional OPAC to include: Showing 1 - 20 of 29 Results for linux Narrow Search Format Book (29) Add to list | - Catalog Records ipecial edition using Linux / vy Bandel, David A. Call Number: QA76.76.063 83625 2001 Located: 4th Author Raymond, Eric S. (2) Strobel, Stefan, (2) Locally Cached Journals Floor Digital Library Items Sock Bandel, David A. (1) Bar, Moshe. (1) Institutional Repository Barkakati, Nabajyoti, (1) Add to list | Guide to Linux installation and administration / Institutional Bibliography Operating systems (Computers) (13) Call Number: Loading Located: Loading 4 Other Library Collections and Resources Unknown Open source software. (3) Computer security. (2) VuFind is completely modular so you can implement just the Linux : the complete reference / Add to list | -Free computer software, (2) basic system, or all of the components. And since it's open Application software (1) Call Number: QA76.76.063 P523 1999 Located: 4th Floor Language English (29) source, you can modify the modules to best fit your need S Book or you can add new modules to extend your resource Genre Add to list | ts beach yourself Linux in 10 minutes offerings. Times. Geography by Ray, John, Get full text here Stock Live Demo

News

2.Oalpha Preview Available; 2.Obeta Underway

July 02, 2012 - The first feature-complete preview release of VuFind 2.0 has been completed. Built using Zend Framework, this is the first step in moving VuFind to a more modern architecture. The preview release demonstrates all of the existing VuFind 1.x functionality while also filling in several gaps (including a more full-featured mobile theme and more consistent treatment of Summon and WorldCat records). This release is NOT INTENDED FOR PRODUCTION USE, as the architecture is still under development and many implementation details are still subject to change. However, it should serve as a taste of things to come, and comments/bug

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Releases

Downloads

Visit the download page for the latest version of VuFind.

History

For a chronology of VuFind releases and features, see the change log.

Getting Started

Our desumentation will halp you get started with installation and

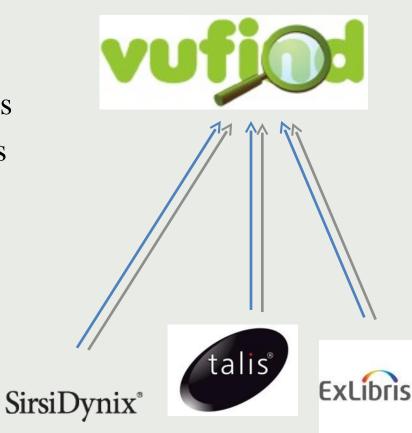


Moving to VuFind

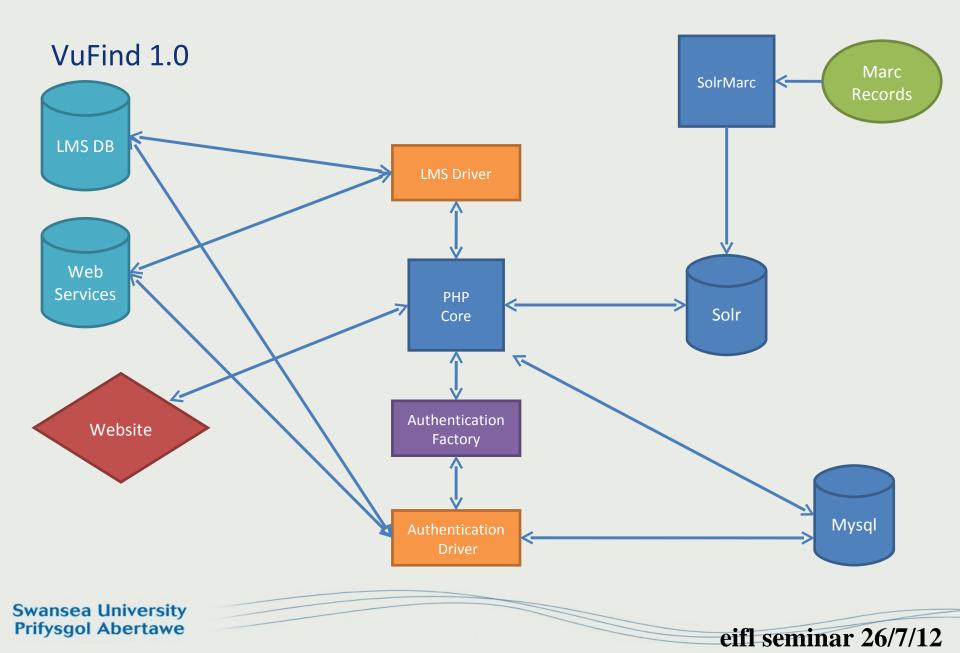
Requirements for Multi Site Implementation

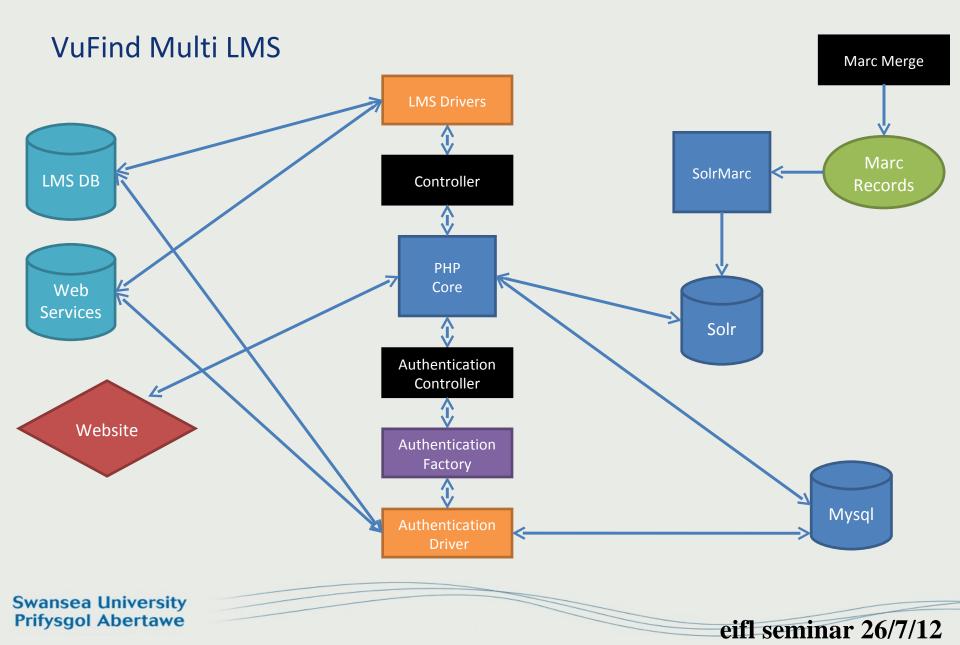
Solr record for up to three institutions
 Connections and drivers to three LMSs
 Methods of Authentication
 "Additional Functions" – Place Hold,
 Cancel Hold, Renew Items

..plus multitude of interface tweaks & improvements

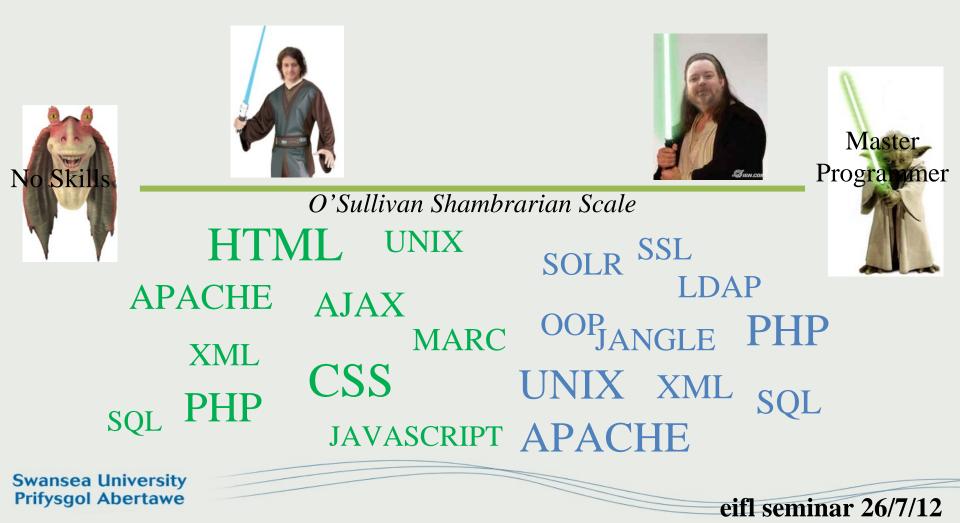


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Challenges? Development: Open Source Mediclorians



Challenges? Merging Marc Records Solution

Get data Marc data expert to merge the Marc records for you

001 field becomes 13-digit ISBN or unique institution code plus Institution BIB ID (e.g. LIB12345)

Each BIB ID is placed in the 969 field with a unique institution code

969|a LIBA |b LIBA1070780

969|a LIBB |b LIBB44661

969|a LIBC |b LIBC78504

Solr Biblio Schema Modified

..daily merge / upload script to keep in sync with LMS'

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Challenges?

General...

- Politics
- Associated Software / Technologies
- Jangle

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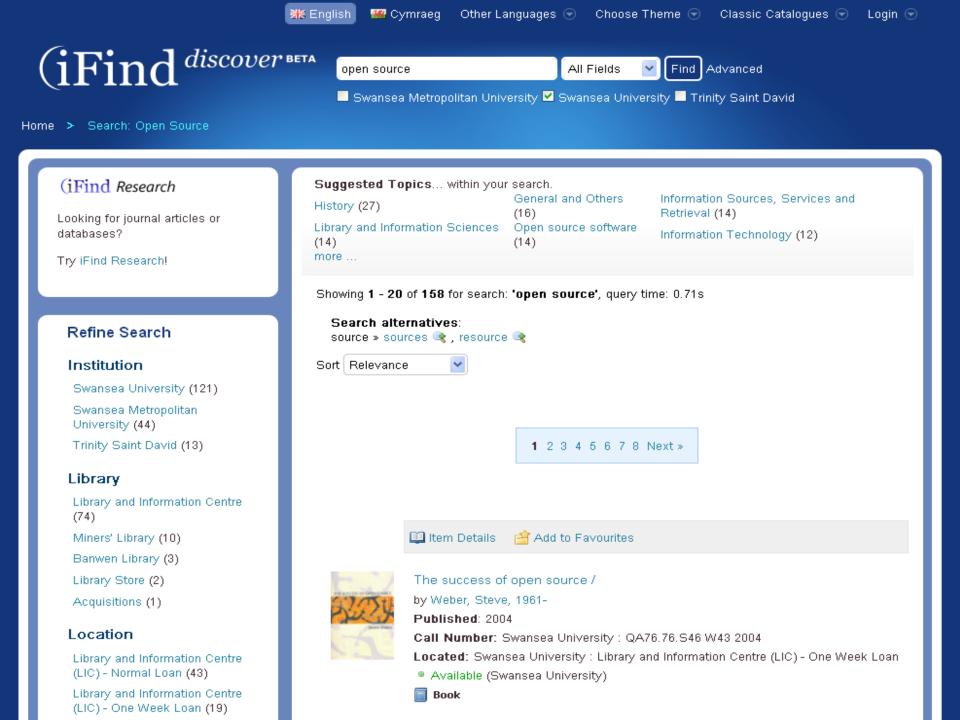
- Apache / LDAP
- Maintaining parity with trunk
- Raising Errors / Testing

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Troubleshooting VUFind	۲	How to change directory for vufind
Going offline with iFind	۲	How To Use This Wiki Library
Discover	۲	iFind Discover (VUFind)
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Pictures	۲	iFind Research 2012 release(Xerxes)
Collection Services and Systems Images	E	Information on localisation of VUFind for Swansea University
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Libraries	ē	SCONUL statistics
Site Pages	ē	ssh to VUFind using PuTTY
Shared Documents	ē	Starting MLResWatch
CSS Projects	ē	Starting or Restarting Jangle
Documentation	e e	Starting-stopping-restarting VUFind
Resource Evaluation test area		Troubleshooting VUFind
	e e	VuFind 1.0.1 on Ubuntu
Lists	e e	Websetup
Collection Services and Systems Calendar	<u>e</u>	









Similar Items

Renewable energy in power systems / By: Freris, L. L. Published: (2009) Renewable energy resources / By: Twidell, John. Published: (2006) Renewable energy : power for a sustainable future / Published: (2004)

Future energy alternatives : F long-range energy prospects for America and the world /

> By: Meador, Roy. Published: (1978)

F Renewable energy : clean power 2001 ; 17-19 November 1993 / Published: (1993)

📳 Cite this 🛛 Email this 💌 🗔 Export Record 📑 Add to Favourites

🐻 Search Results

« Prev Result Item 7 of 13 Next »

Renewable energy : power for a sustainable future /

edited by Godfrey Boyle.



Other Author(s):	Boyle, Godfrey., Open University.

Format:	Book	
Language:	English	
Published:	Oxford : Oxford University Press in association with the Oper University, 1996	ı
ISBN:	0198564511 (pbk) 019856452X (cased)	
Subjects:	Renewable energy sources.	
Tags:	No Tags, Be the first to tag this record!	🖸 Add

Holdings Description Comments

Staff View

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The end of SWWHEP

Successes

- iFind Discover as primary search interface for Swansea University
- Procurement

- Failures
- SWWHEP fails to get second phase approval
- Lack of true institutional collaboration and willingness to

proceed





VuFind Rebooted

Swansea University only focus

Proprietary ruled out

Cost

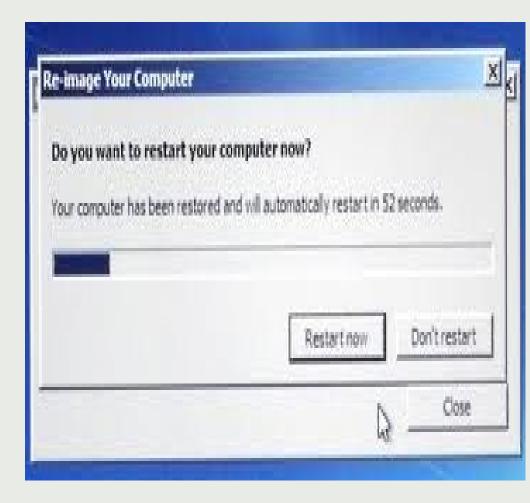
VuFind Success

New Priorities

Sustainability

Support

Documentation



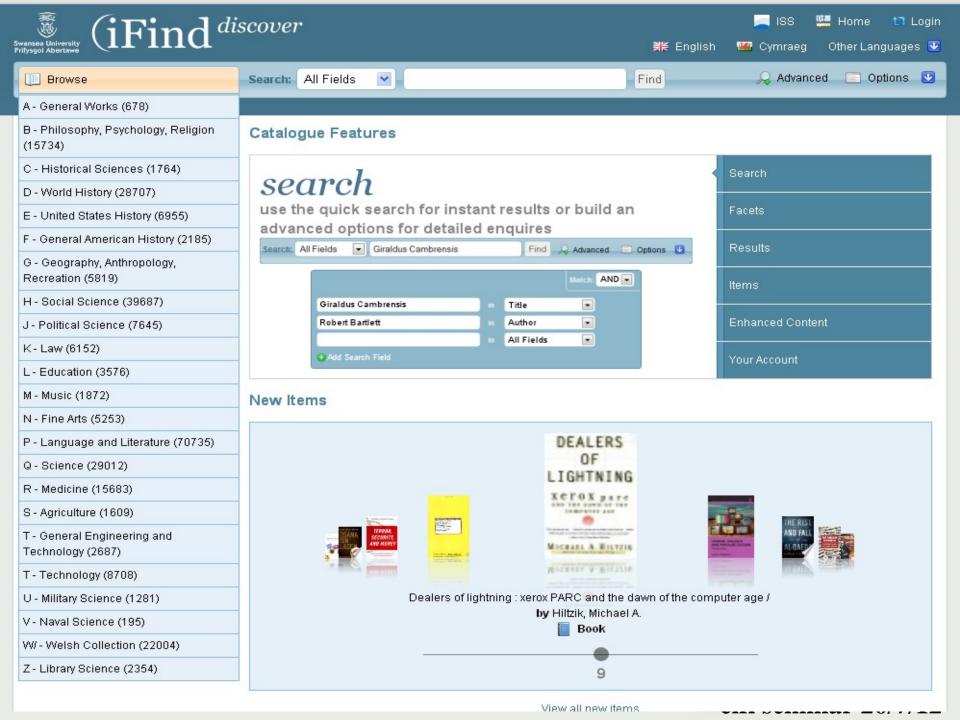
ReBranding Exercise



VuFInd Rebooted - Platform

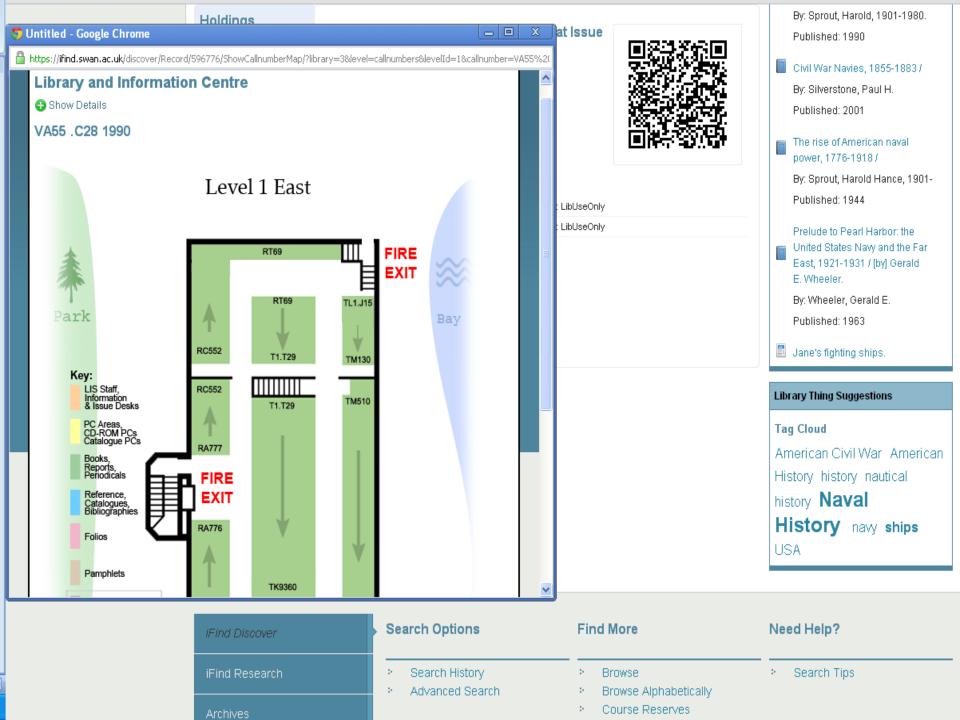
- Hardware / Software
- Ubuntu install on Virtual machine environment resilient, easily upgraded
- Live & testing / development installations
- Staff Resourcing
- Service supported by 'Collections Services & Systems and Web Services Team
- 'Library Systems Developer' post
- ...support structure gives resilience & depth of support / development





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VuFind Features: Authentication

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MultiAuth





VuFind Features: My Account

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		🔗 Tags
		recreation (1), shakespeare (1), Test (1)
		Total: 3 🥜 View All

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VuFind Features: Community

- Developed and maintained by Villanova University's Falvey Memorial Library.
- Lead Developer Demian Katz (demian.katz@villanova.edu)
- 3 mailing lists
 - admins
 - tech
 - general
- Monthly online developers meeting
- JIRA issue tracking
- Subversion SVN repository
- VuFind Conferences



VuFind Features: Developing

- 1. Discuss ideas with the VuFind Community and consider parallel development with interested parties
- 2. Code sharing
 - Create a branch in the VuFind SVN Repository
 - Submit patches via JIRA (includes voting mechanism)
- 1. Critical review from Demian / VuFind Community
- 2. Refactor. Refactor. Refactor.
- 3. Integration with Trunk

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VuFind Features: Swansea Developments Live Functions: Place Hold, Cancel Hold, Renewals

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VuFind Features: Swansea Developments Live Functions: Place Hold, Cancel Hold, Renewals

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VuFind Features: Swansea Developments Favourites Management

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VuFind Features: Swansea Developments Book Bag



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Rugby : steps to success /
Rugby in Wales /
Think rugby : a guide to purposeful team play /

VuFind Features: Current Developments Archives & Hierarchical Data

- Joint project with National Library of Ireland and National Library of Finland
- Develop a VuFind Collections Module
- Convert Hierarchical EAD XML into individual, augmented, context aware records
- Display records using a hierarchical tree
- Combine power of VuFind search with traditional hierarchy browse features



VuFind Features: Current Developments

Archives & Hierarchical Data

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Archives & Hierarchical Data

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VuFind Features: Current Developments

Archives & Hierarchical Data

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VuFind Features: Current Developments

Archives & Hierarchical Data

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Archives & Hierarchical Data

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VuFind Features: Future Developments

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- Indicate if an item is part of a reading list
- Augment "similar items" suggestions
- Integrate "My Reading Lists" into VuFind Account
- "Suggest for reading list" option
- Generate reading list statistics

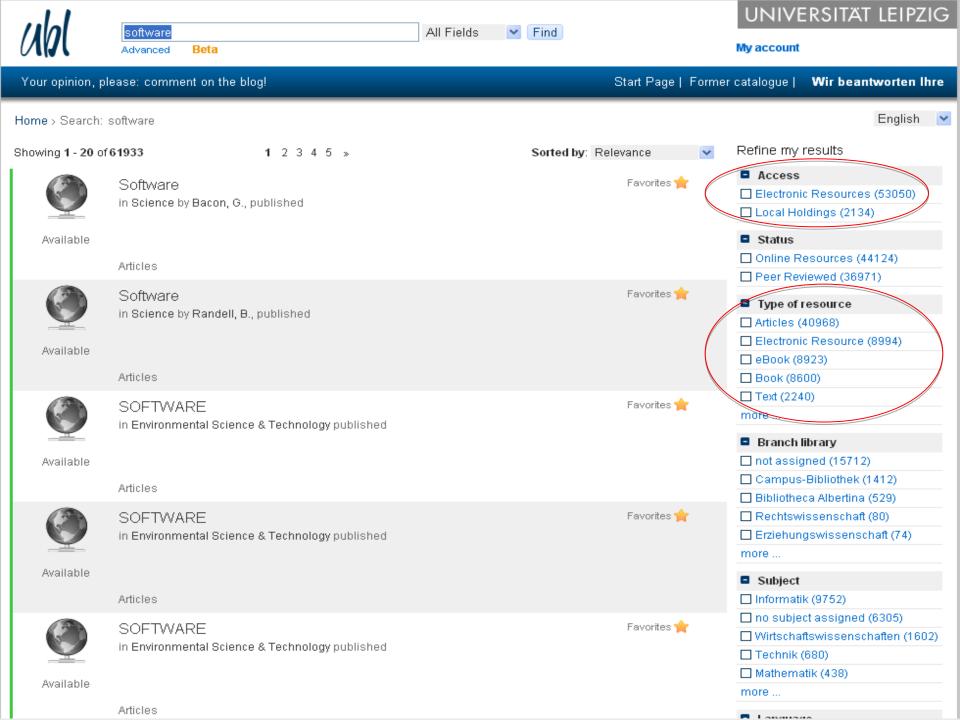


eifl seminar 26/7/12

VuFind Features: Future Developments ExLibris Primo

- Use Primo Central Solr "Blender"
- Augment iFind Discover with results from Primo Central
- Create a basic integrated search





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Thanks for listening!

Questions?

Open discussion?



