Shibboleth SSO - Charles University case study

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Haifa University, September 11th 2011

Agenda

- Vision, goal, project

- Implementation - SFX, MetaLib, Aleph, DigiTool

- Sharing resources, future development

Welcome & enjoy :-)

Goal, vision

- All library systems & electronic resources working in Single-Sign-On environment

- Plan presented at IGeLU 2010 conference workshop in Ghent

Charles University in Prague context

- 17 faculties, 3 institutes, hundreds of departments

- 2 institutes jointly run with Czech Academy of Sciences

- ~ 60 000 students and staff

Charles University in Prague context

- SFX, bX, MetaLib, Aleph, DigiTool, Verde

- EZproxy, E-resources Portal

- ~150 subscribed electronic on-line resources, databases, ~65000 ejournals, ~51000 ebooks

Charles University in Prague context

- decentralized subscription policy - not all resources are subscribed for all students and stuff

Charles University in Prague context

- AAI: central LDAP, Shibboleth IdP

- CESNET member

- Czech Academic Identity Federation eduID.cz member

- involved in national and international projects

Project

- reach the goal - SSO

- CESNET funded

- case-study

- guides

- finish summer 2011

Project

- SFX, MetaLib, Aleph, DigiTool

- E-resources Portal

- EZproxy

- CMS - Document Globe

- Streaming & Podcast servers

SFX

- Shibboleth authentication is not supported, IP address based authentication only

- Shibboleth WAYFless linking is supported

SFX

- authentication method switched from IP address based to Shibboleth

- EZproxy configured as a proxy

- PROXY institution defined with IP address range 0.0.0.0 - 255.255.255.255

- institutions kept, but IP address ranges deleted

- PROXY institution added to all targets and activated

SFX

- WAYFless linking set up for all resources supporting Shibboleth authentication

- (EZ)proxy linking set up for all resources without native Shibboleth authentication support

- Implemented by Michael Zach & Jiri Pavlik

MetaLib

- Shibboleth authentication is supported in PDS authentication module

- multiple users affiliations are not supported in authorization

MetaLib

- Shibboleth Service Provider installed & registered in eduID.cz federation

- authentication method at PDS switched from LDAP to Shibboleth

- set up WAYF skipping in SP configuration

- authorization mapping tuned in MetaLib configuration, based on eduPersonEntitlement attribute values

MetaLib

- CAS admin preferred primary affiliation functionality developed

- Implemented by Martin Ledinsky & Jan Krajic & Michal Vocu & Jiri Pavlik

http://metalib.cuni.cz/

Q▾ Google

EZ *proxy*   ⊛ALEPH   ⊜S·F·X   ⦅⦆MetaLib   ⊄DigiTool   ≋Verde

ExLibris
MetaLib

Paralelní vyhledávač informačních zdrojů Univerzity Karlovy v Praze

| home | search | remote access | additional tools | help | news | contact us | česky |

you are here: home → vyhledávač

QuickSearch | Find Database | Find e-Journal | MetaSearch | My Space | Portal Search | Results

basic steps

1. **Click on** grey lock icon (in upper right corner) and fill in your LDAP name and password.

2. Choose a **Quick Search Resource set** which you want to search.

3. Enter your **search query** (eg. author, title or keyword).

4. Click the **OK** button.

5. After processing your query (it can take up to 60 seconds) you can work with **search results**.

Detailed help

news

RSS

MetaLib UK na novém

Guest

QuickSearch

Simple   **Advanced**

[   ]   **GO**

QuickSets

🔒 **Primo Central**

🔒 **Search Fulltext**
Fulltext Databases

🔒 **Search Bibliography**
Bibliographical databases

⦿ **University Libraries**
Catalogues of Faculties

Powered by **ExLibris** MetaLib
Turn Off Auto Refresh

https://cas.cuni.cz/cas/login?service=https%3A%2F%2Fcas.cuni.cz%2Fidp%2FAuthn%

Google

CAS - Central Authentication Service of Charles University

This page requires sign-on using Central Authentication Service!

Central Authentication Service of Charles University

NetID:

pavlik@uvt.cuni.cz

Password:

••••••••

☐ Warn me before logging me into other sites.

LOGIN

Enter your personal number printed under the photo at ID card as your username. You can also use your faculty login complete with domain (ie. login@faculty.cuni.cz).

Enter your password, check for keyboard settings (language version, CapsLock).

For security reasons, please Log Out and Exit your web browser when you are done accessing services that require authentication!

English | Czech

http://metalib.cuni.cz/

Library services of Charles University Information System

EZ *proxy*   ALEPH   S·F·X   MetaLib   DigiTool   Verde

ExLibris
MetaLib

Paralelní vyhledávač informačních zdrojů Univerzity Karlovy v Praze

| home | search | remote access | additional tools | help | news | contact us | česky |

MetaLib UK na novém serveru!

2011-06-14

QuickSearch | Find Database | Find e-Journal | MetaSearch | My Space | Portal
Search | Results

Jiří Pavlík

QuickSearch

| Simple | Advanced |

[   ]   **GO**

MySets
◉ **Temporary set**

QuickSets
○ **Primo Central**   ⊘ **Search Fulltext**   ○ **Search Bibliography**
                              Fulltext Databases   Bibliographical databases

○ **University Libraries**
    Catalogues of Faculties

Powered by ExLibris MetaLib
Turn Off Auto Refresh

Aleph

- Shibboleth authentication is supported in PDS authentication module

- no authorization need

Aleph

- Shibboleth Service Provider installed & registered in eduID.cz federation

- authentication method at PDS switched from LDAP, Aleph to Shibboleth

  - Aleph authentication kept for ILL users

- set up WAYF skipping in SP configuration

Aleph

- Implemented by Jaro Sivak & Jan Krajic & Jiri Pavlik

Centrální katalog Univerzity Karlovy v Praze

» Login CU user » Login external user » End Session » Preferences » Databases » Feedback » Help

» Search » Results List » Previous Searches » My e-Shelf

CENTRAL CATALOG of CHARLES UNIVERSITY

Name Authorities Database

Logical bases for the faculty libraries

Catalog of 1st Faculty of Medicine CU

Catalog of 2nd Faculty of Medicine CU

Catalog of 3rd Faculty of Medicine CU

Catalog of Faculty of Pharmacy CU

Catalog of Faculty of Medicine in Hradec Kralove

Catalog of Faculty of Medicine in Pilsen CU

Catalog of Protestant Theological Faculty CU

Catalog of Hussite Theological Faculty CU

Catalog of Catholic Theology Faculty of Charles University

Catalog of the Masaryk's Social Sciences Library, Jinonice

Catalog of the Library of Faculty of Social Sciences CU

Catalog of the Library of Law Faculty

DigiTool

- Shibboleth authentication is supported in PDS authentication module

- multiple users affiliations are supported in authorization

DigiTool

- Shibboleth Service Provider installed & registered in eduID.cz federation

- authentication method at PDS switched from LDAP, DigiTool to Shibboleth

  - separate IdP started for registered external users authentication - no anonymous access to diploma works

DigiTool

- authorization mapping tuned in DigiTool configuration, based on eduPersonEntitlement attribute values

- federated authentication set up

  - own WAYF, eduID.cz members and the external users IdPs are listed

- Implemented by Andrea Fojtu & Jan Krajic & Michal Vocu & Jiri Pavlik

http://digitool.is.cuni.cz/R/7SEJBJVXT7MFTEJ56GGBD9U1JTCEP12UJUUCCPCNDHP9I   Q▾ Google

Digitální univerzitní repozitář

Search | Results | Previous Searches | Search Bases | My Space | Login | Registration

Guest

Simple Search   Advanced Search

Select collection: Institutional repository ▾   **GO**

A word or phrase: [_____]   ⦿ Contains ◯ Exact ◯ Starts With

Browse Collections

Charles University in Prague electronic theses and dissertations (CUNI ETDs)
CUNI ETDs is a growing collection of Master's, Bachelor's and Ph.D. theses authored by CUNI students. Full-text freely available after login/registration. Further information (the "i" icon) only available in Czech language.

ⓘ

Charles University Rectorate
Working materials and documents produced by the Rectorate. Access is restricted to staff only (all University staff).

CERGE-EI
Articles and dissertations authored by the students of the Center for Economic Research & Graduate Education. Full-texts are available as open access.

EZproxy

- configured as a proxy pro SFX

- set up authentication skipping for access from appropriate University IP address ranges

- configurations for resources with native Shibboleth support kept as a backup access

- Implemented by Petr Novak & Jiri Pavlik

Sharing resources

- guides available at eduID.cz Wiki

  - http://www.eduid.cz/wiki/eduid/admins/howto/deploy/index#knihovni_systemy

- using by: Masaryk University in Brno, Czech Academy of Sciences Library, National Technical Library, Moravian Library, Czech National Library, Tomas Bata University in Zlin, ...

- kept updated

Sharing resources

- presentations & consultations

- test account

- English translation, EL Commons?

- special thanks to Ere Maijala and Ex Libris

Future development

- SFX - Shibboleth authentication support for menu, AZ, statistics, ...

  - NERS Enhancement Request in current ballot - Institutes: add Shibboleth authentication

Future development

- MetaLib - authorization supporting users multiple affiliations

    - Support Incident

- MetaLib, Aleph, DigiTool - Single Logout

- DigiTool - international authentication: eduGAIN, InCommon federation, ...

Future development

- Academy of Sciences logins for the 2 joined University and Academy institutions members

- Discovery system - Primo

Future development

- Raptor statistics

  - unified top level e-resources usage statistics

  - usage divided by user groups

  - overcome providers inability to deliver statistics divided by user groups

  - overcome missing ebooks statistics support in Ustat

Q & A, contact

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