



TF-EMC2  
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*« networking the networkers »*

## Discovery Services: Improvements?



# Discovery problem hasn't been solved...


- › Many smart people working on this.
- › WAYF/DS cookie
- › Embedded WAYF/DS
- › UI improvements to WAYF/DS services
- › Geolocation
- › eduID







# SWITCHaai Embedded WAYF...


- › Extends the "cookie" to a wider domain
  - › Allows customisation
  - › Enforces the "federation" and "idp" brand.

Anmelden über: 

Wählen Sie Ihre Home Organisation 

- Wählen Sie Ihre Home Organisation ...
- Universität Zürich
- SWITCH**
- Non-SWITCHaai Home Organization
- Other Non-SWITCHaai Home Organization

Login with:  

Select the Home Organisation you are affiliated with ... 

Remember selection for this web browser session.



# WAYF/DS Improvements...

A screenshot of the PubMed.gov website. The top navigation bar includes "NCBI", "Resources", and "How To". The main header features the "PubMed.gov" logo and the text "U.S. National Library of Medicine National Institutes of Health". A search bar contains the text "PubMed". A "Sign in to PubMed" overlay is displayed, showing a list of accounts: Google, THE OHIO STATE UNIVERSITY, NCBI, YAHOO!, Windows Live, and PayPal. Below the list is a search field with the text "or search accounts, i.e. Boston University". The background of the website shows a "Welcome to PubMed" message and a brief description of the database.

NCBI Resources How To My NCBI | Sign In

PubMed.gov  
U.S. National Library of Medicine  
National Institutes of Health

Search: PubMed

**Sign in to PubMed**  
with 1 of the accounts below

[What is this?](#)

Google THE OHIO STATE UNIVERSITY NCBI  
YAHOO! Windows Live PayPal

or search accounts, i.e. Boston University

**Welcome to PubMed**  
PubMed comprises more than  
biomedical articles from MEDLINE  
journals. Citations may include links to full-text  
articles from PubMed Central or publisher web sites.



# What is a "brand"?



Hub | **ScienceDirect** | Scopus

[Register](#) | [Login](#)  | [Go to SciVal Suite](#)

You have **Guest** access to ScienceDirect

[Find out more...](#)

[Home](#) | [Browse](#) | [Search](#) | [My settings](#) | [My alerts](#)

[Help](#)

- › Your own name!
- › UniSA is a brand for UniSA
- › UvA is a brand for UvA
- › UMA is a brand for UMA

[Register](#) | [Login](#) 

Username:

Password:

Remember me

| [Not Registered?](#)

[Forgotten your username or password?](#)

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[Go to Athens / Institution login](#)



# What am I proposing?

- › Common JS host to provide “hint” for Discovery
  - › Similar to [xauth.org/xauth.js](http://xauth.org/xauth.js)
- › Browser “opt-in” vs “opt-out”
- › Allow IdP to insert “branding information”
  - › Localized Login Text – “Inloggen via UvA”
  - › Reference to a logo – more branding
  - › Perform “opt-in/out” inline with consent/release
- › Allow WAYF/DS + SP to “enquire” about IdPs
  - › WAYF/DS + SP could add information
  - › Use Metadata to control Access to “enquire”
- › Produces a PoC with some Test Feds
  - › Willing to offer TERENA “login” for v.0.0.1



# When will there be benefits?

Browser	IdP	WAYF	SP	Better?
X	-	-	-	X
✓	✓	-	-	X
✓	-	✓	-	X
✓	-	-	✓	X
✓	✓	-	✓	✓
✓	-	✓	✓	✓



# Hurdles...

- › HTML5 Browser req'd
  - › Less of a problem over time...
- › Requires multiple levels of deployment
  - › Federation/WAYF/DS adoption is easy
  - › IdP/SP integration is harder
- › First visit problem
  - › Subsequent visits are less of a problem
  - › Can this be fixed?
- › Trust
  - › How to you make sure the JS doesn't change
  - › Who would people trust as a host



# Prepare rotten eggs or tomatoes...

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