



TF-EMC2  
Wednesday, September 22<sup>nd</sup>, 2010

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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.

Login



# WAYF/DS Improvements...

A screenshot of the PubMed.gov website. The top navigation bar includes "NCBI", "Resources", and "How To" with dropdown arrows, and "My NCBI | Sign In" on the right. 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 "Welcome to PubMed" banner is visible in the background. A white sign-in overlay is positioned in the foreground, titled "Sign in to PubMed with 1 of the accounts below". It includes a "What is this?" link, a grid of account logos (Google, The Ohio State University, NCBI, Yahoo!, Windows Live, PayPal), and a search field with the text "or search accounts, i.e. Boston University".



# What is a "brand"?



Hub | **ScienceDirect** | Scopus

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


You have **Guest** access to ScienceDirect

[Find out more...](#)

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[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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