

Where Are We Coming From?

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W3C Identity in the Browser Workshop
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Where am I coming from?

- Research & Higher-Ed Federations worldwide
 - 30 national feds, thousands of IdPs/SPs, millions of users, wide range of apps, almost all SAML-based see refeds.org
 - research/collab sites, commercial partners
 - rich set of attributes for relationships, entitlements: it matters where you are from
 - many interesting scaling/policy challenges, but one comes first: IdP discovery, or really, how to make login work with many IdPs (aka "Nascar problem")
 - (JISC/UK "Service Provider Interface Study", 2010)

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| Journal/Book title | <input type="text"/> | Volume | <input type="text"/> |
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University of California, Merced

login.

New protocols to the rescue?

- OpenID
 - cool logo to click on
 - discovery problem solved: just enter URL ... (not)
- Information Card / IMI
 - cool logo to click on
 - discovery problem solved: clickable cards in browser/OS represent IDs/accounts
 - some problems in practice

Kantara ULX WG

- Focusing on the login experience
 - sites want to externalize, want to federate
 - want protocol independence
 - need incremental improvement from username/pw
 - need UX to work for users across many deployment styles: in-SP, separate Selection Agent, in-browser
 - emphasis on selection from a defined set of IdPs
 - many subtleties in IdP choice:
SPs may express prefs based on cost, LoA, protocol, etc

janrain RPX/Engage UI:



RPX is now Janrain Engage

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Boost registration rates and engagement with your target audience by offering sign-in from identity providers like Google, Facebook and Twitter.

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current ULX prototype:

My NCBI | Sign In







Advanced search Help

Search

Sign in to PubMed

with 1 of the 6 accounts below

[What is this?](#)

| | | |
|--|---|---|
|  |  |  |
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or search accounts, i.e. Boston Universit

... citations for
... science
... full-text
... web sites.

some recent Google UI work:


The image shows a 'Sign in' dialog box with a close button (X) in the top right corner. Below the title, the text 'Sign in using your email address' is displayed. There are four buttons for email providers: Gmail, YAHOO! MAIL, WEB.DE (with a yellow icon of a building), and @mail.ru. Below these buttons, the text 'Or, type your email address' is shown. A text input field contains 'pat@example.com' and a 'Go' button is to its right. At the bottom, there is a link: 'Don't have an email address? [Create a Gmail address](#)'. The background is a blurred news page with the text 'Erweiterte News-Suche' in the top right corner.



Andreas Solberg's
foodl.org
discovery UI:

UNINETT


Sign in to Foodle
Select your Provider

skä | Suomen

- WAYF - Where are you from
Denmark 8219 km 
- Galway-Mayo Institute of Technology
Ireland 7997 km
- National University of Ireland, Galway
Ireland 7997 km
- Waterford Institute of Technology
Ireland 8169 km
- Wageningen Universiteit
Netherlands 8745 km
- University of Warsaw
Poland 9336 km
- <https://wayf.up.pt/i>
Portugal 8030 km

wa  

▶ Help me, I cannot find my provider

 Locate me more accurately using HTML5 Geo-Location

Show providers in

DiscoJuice © UNINETT

A little help

- how can browser features help?
 - work with SP/ISA-provided Javascript to inject user's notion of preferred IdPs into discovery process
- consume IdP/SP capability formats
 - XRD? more lessons learned ...
 - JSON?