Shibboleth Embedded Discovery Service

The next generation “Where Are You From” service

SWITCH

Serving Swiss Universities

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Bern, 24. Mai 2011

Shibboleth 2 WAYF/Discovery Service

- Developed by the Shibboleth team
- First WAYF implementation ever
- Based on Java
- Many federations switched to other implementations:
  - Suboptimal usability
  - Lack of features
  - Look and feel

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New Approach: Embedded Discovery Service

- Embed the WAYF directly into the service
  - Like the SWITCHaai Embedded WAYF
- Offer search-as-you-type feature
- Make it fully customizable via CSS
- Only show relevant Identity Providers
  - Only the ones the SP has metadata for (published via JSON handler)
- Allow configuration of favored Identity Providers

- Website:
  https://wiki.shibboleth.net/confluence/display/EDS10/Embedded+Discovery+Service

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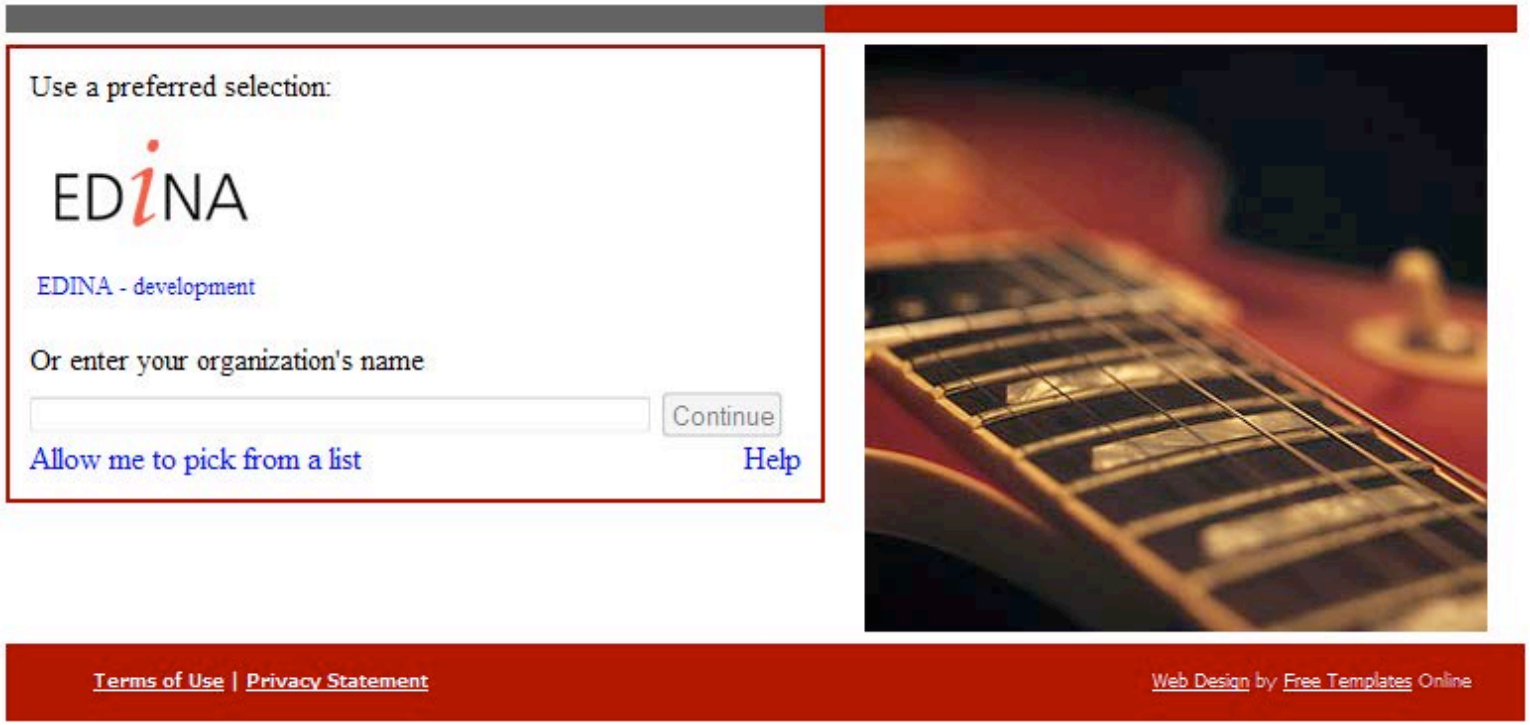
Screenshots



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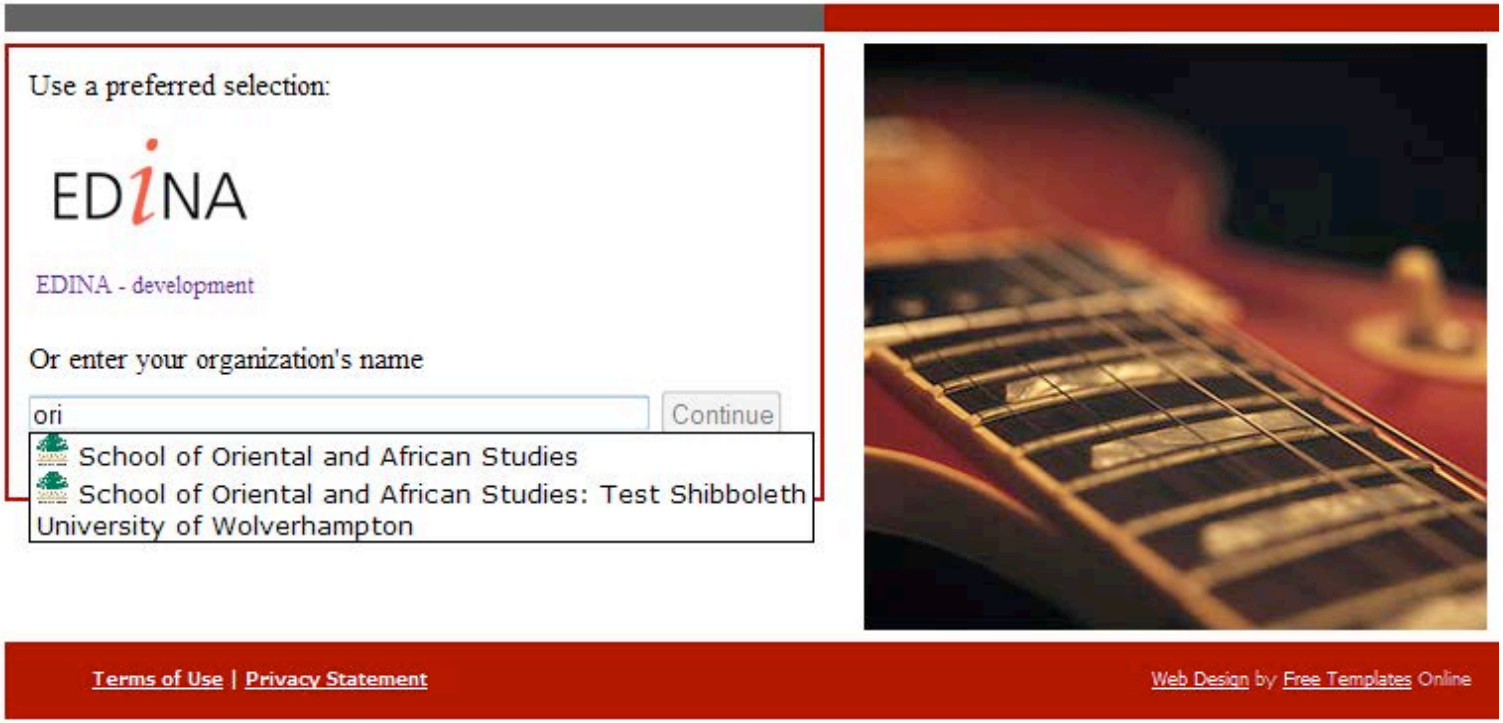
Screenshots



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Screenshots

Try it yourself

- The Shibboleth Wiki also uses the EDS
  - Try it by logging in on the Shibboleth Wiki: https://wiki.shibboleth.net/

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Comparison to SWITCH Embedded WAYF

Advantages:

+ Does not rely on central WAYF
+ Automatically displays only IdPs for which SP has metadata
+ Scales better with many Identity Providers
+ Shows logo and service name (if available)

Disadvantages:

- More complicated deployment
- Requires Shibboleth 2.3 SP or newer
- No categories supported in drop down list
- Does not remember last used IdP across different services

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Disco Juice: Another New Alternative

- Developed by SimpleSAML PHP developers
  - Version 1.0 released last week
  - Based on Javascript only
  - Presents logos, searchable keywords, name, description, country
  - HTML5 Geo-location API
  - **Looks very promising**

- Website: http://discojuice.simplesamlphp.org
  Presentation: https://tnc2011.terena.org/web/media/archive/4B

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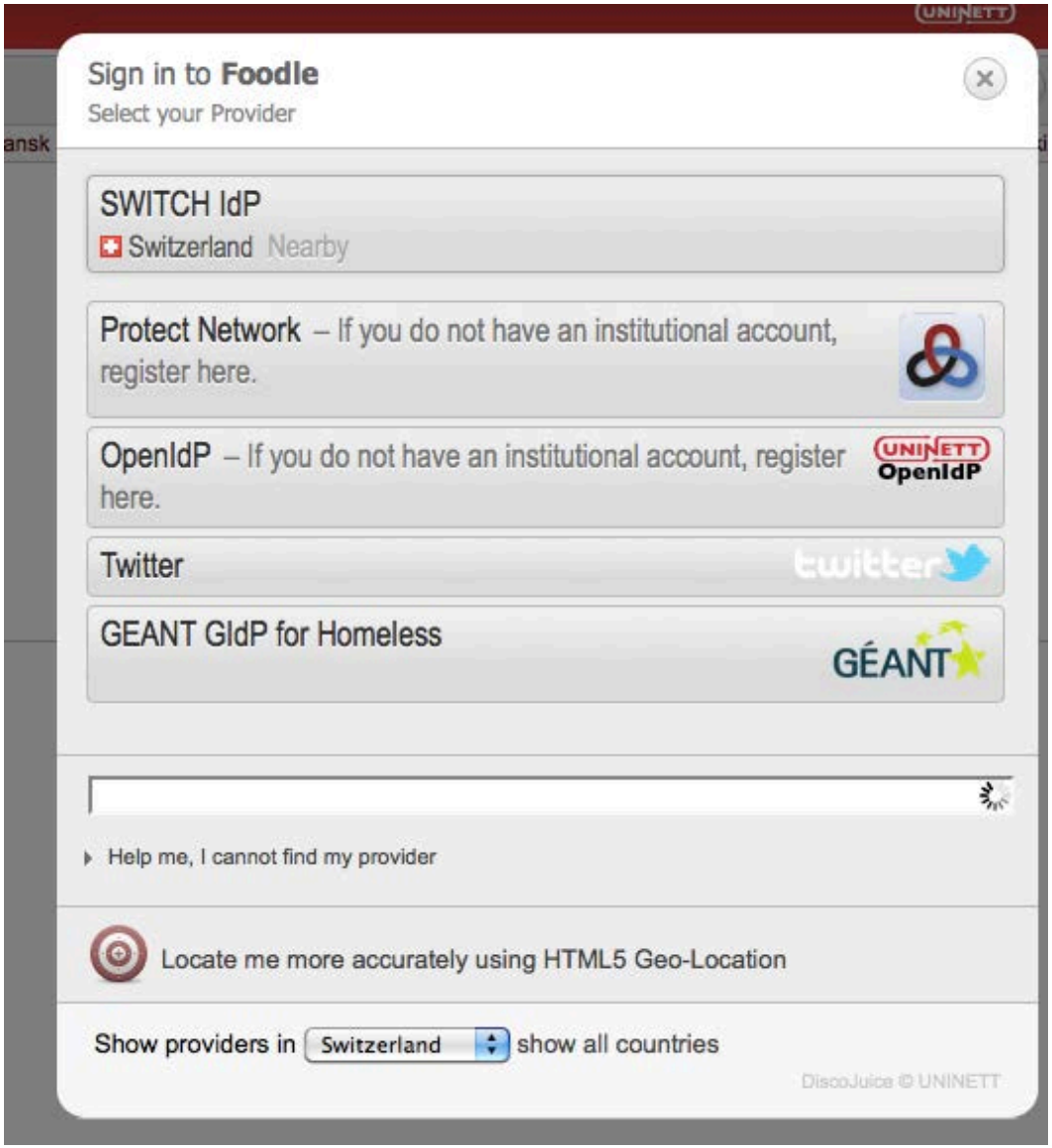
Sign in to Foodle
Select your Provider
SWITCH IdP
Switzerland Nearby
Protect Network – If you do not have an institutional account, register here.
OpenIdP – If you do not have an institutional account, register here.
Twitter
GEANT GIdP for Homeless
Help me, I cannot find my provider
Locate me more accurately using HTML5 Geo-Location
Show providers in Switzerland show all countries
DiscoJuice © UNINETT

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Feedback on SWITCHwayf

Name change and other aspects that could be improved

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SWITCHwayf Organisation Name Change

- “Home Organisation” is used in all languages

- Proposal from the community:
  Change “Home Organisation” → “institution” or “organisation”
  - Comment: “Le plus important est de réaliser que l'anglicisme "Home Organisation" est un peu indigeste en français !!”

- What is your opinion on this?
  - Do you see any problems?

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JISC Service Provider Interface Study v1.0

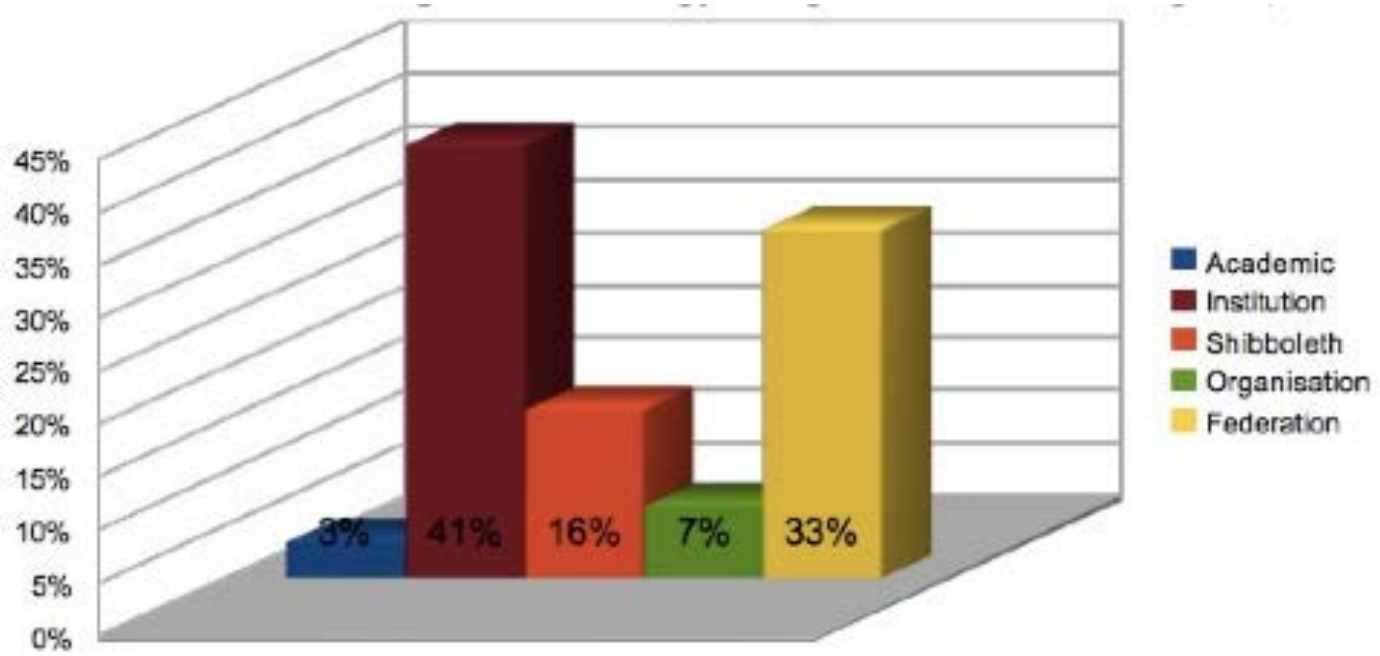

Figure 8: Terminology around Choosing Federated Login

Source:
http://www.jisc-collections.ac.uk/Documents/service_provider_interface_study.pdf

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Before and After in French

- Before

- After

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Before and After in English

- Before

- After

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General SWITCHaai WAYF Feedback

- Do you think the SWITCHwayf needs a search function?
  - Implemented like in the Shibboleth Embedded Discovery Service
- What feature are you missing?
- What could be improved

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