

Discovery Service supporting Geo-Location

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TF-EMC2, 22 September 2010, Copenhagen, Denmark

The task

- Implement PoC discovery service that utilises the HTML5 Geo-location API
 - “IdP Discovery and Login UI Metadata Extension Profile” has been posted

Existing solutions

English | Bokmål | Nynorsk | Suomi | Dansk | Svenska



Norway

Sweden

Finland

Denmark

Iceland



Please select the identity provider where you want to authenticate:

Remember my choice

Select

Umeå university (New SAML2)

Select

Göteborgs universitet

Select

NORDUnet

Select

Uppsala universitet

Our solution

- Several approaches
 - Static map + static list
 - Dynamic map + static list
 - Dynamic map + dynamic list (our PoC)

DEMO

Problems

- Multiple locations for single entity
- Location information comes in many different formats depending on source
 - Long/Lat coordinates (can be used directly in Gmaps)
 - UTM coordinates
 - ... and many more

Tasks ahead

- Finishing the PoC
- Refining the "IdP Discovery and Login UI Metadata Extension Profile"
- Create a fully working example

References

- IdP Discovery and Login UI Metadata Extension Profile
 - https://spaces.internet2.edu/download/attachments/9731/saml_ds_login_ui_02.odt?version=1
- HTML5 Geo-location API
 - <http://www.w3.org/TR/geolocation-API/>
- Google Maps Javascript API
 - <http://code.google.com/apis/maps/documentation/javascript/>
- Demo
 - <http://jach-map-test2.test.wayf.dk>