

# Discovery Service supporting Geo-Location

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# 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](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>