Federations and interfederation plus/minus 3 years



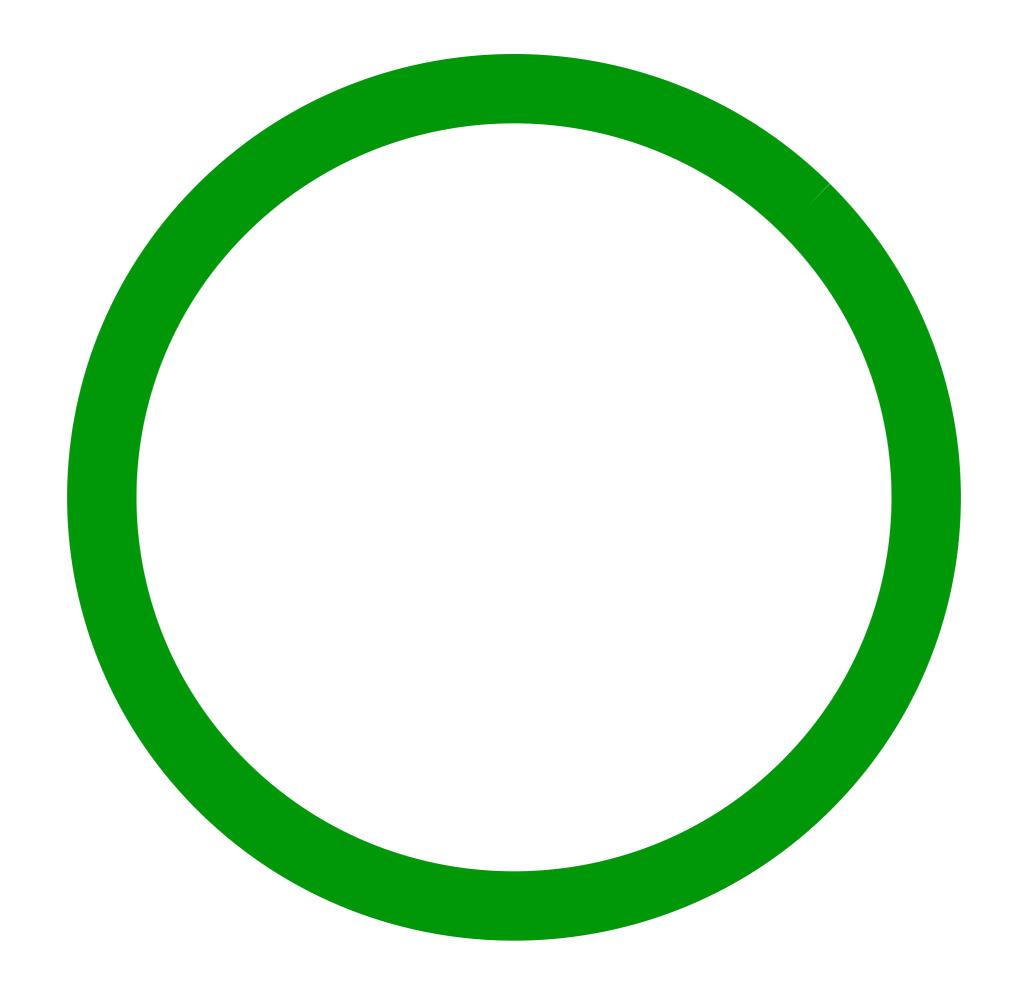


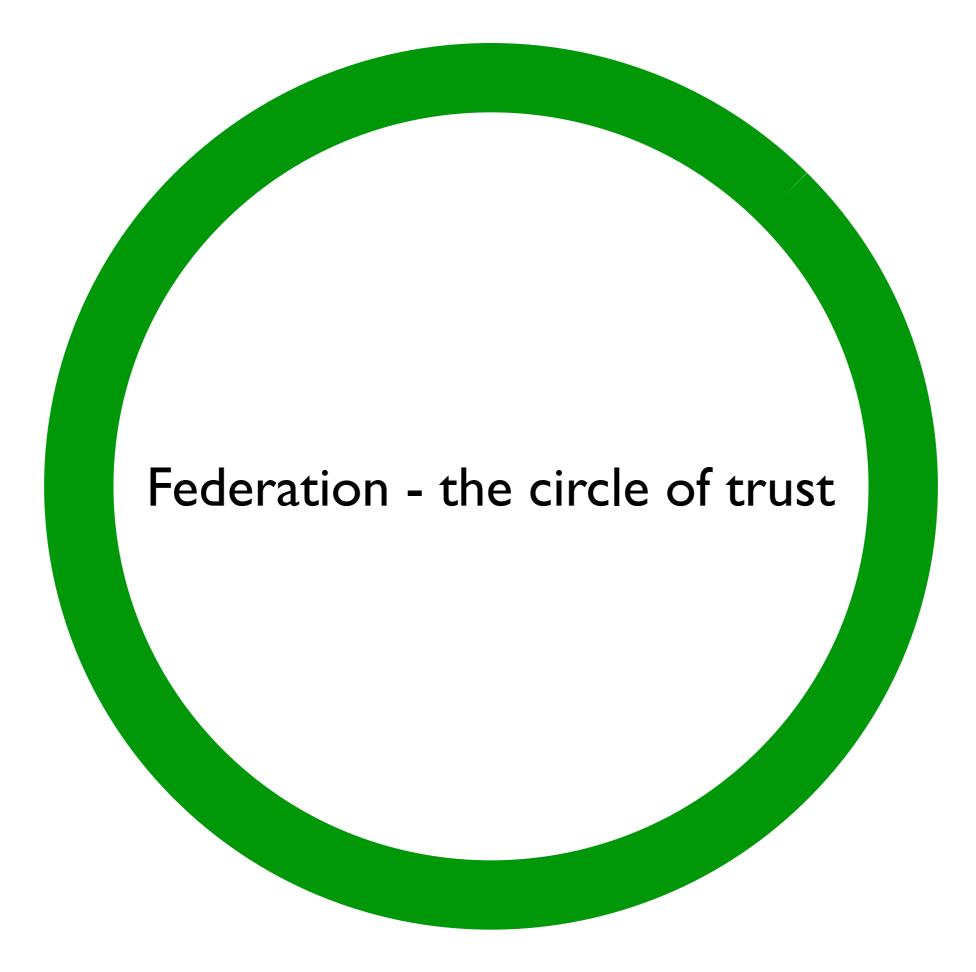
David Simonsen Rome, 30th of March 2009 <u>www.wayf.dk</u>

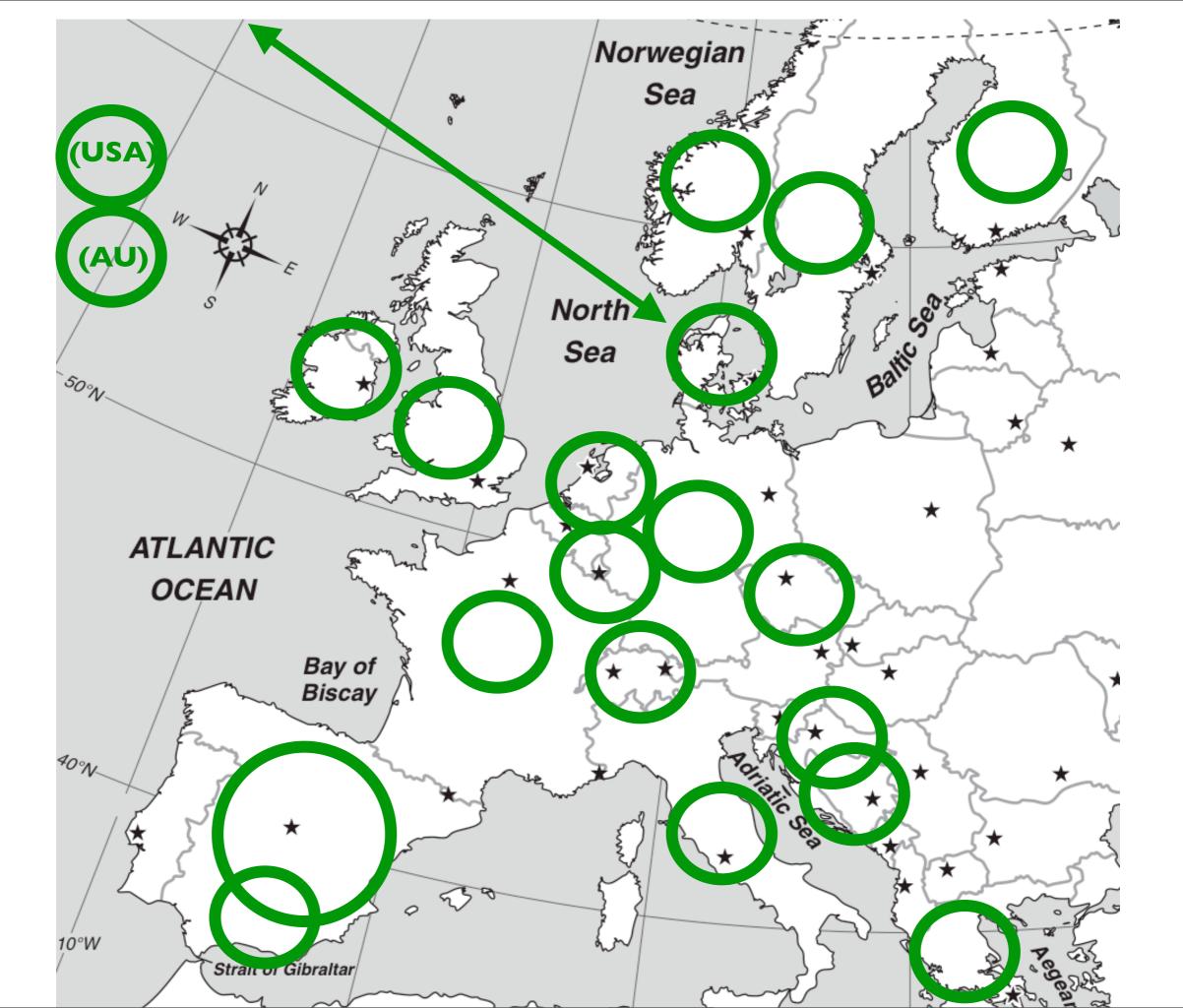
What is ID federation and role based access control?



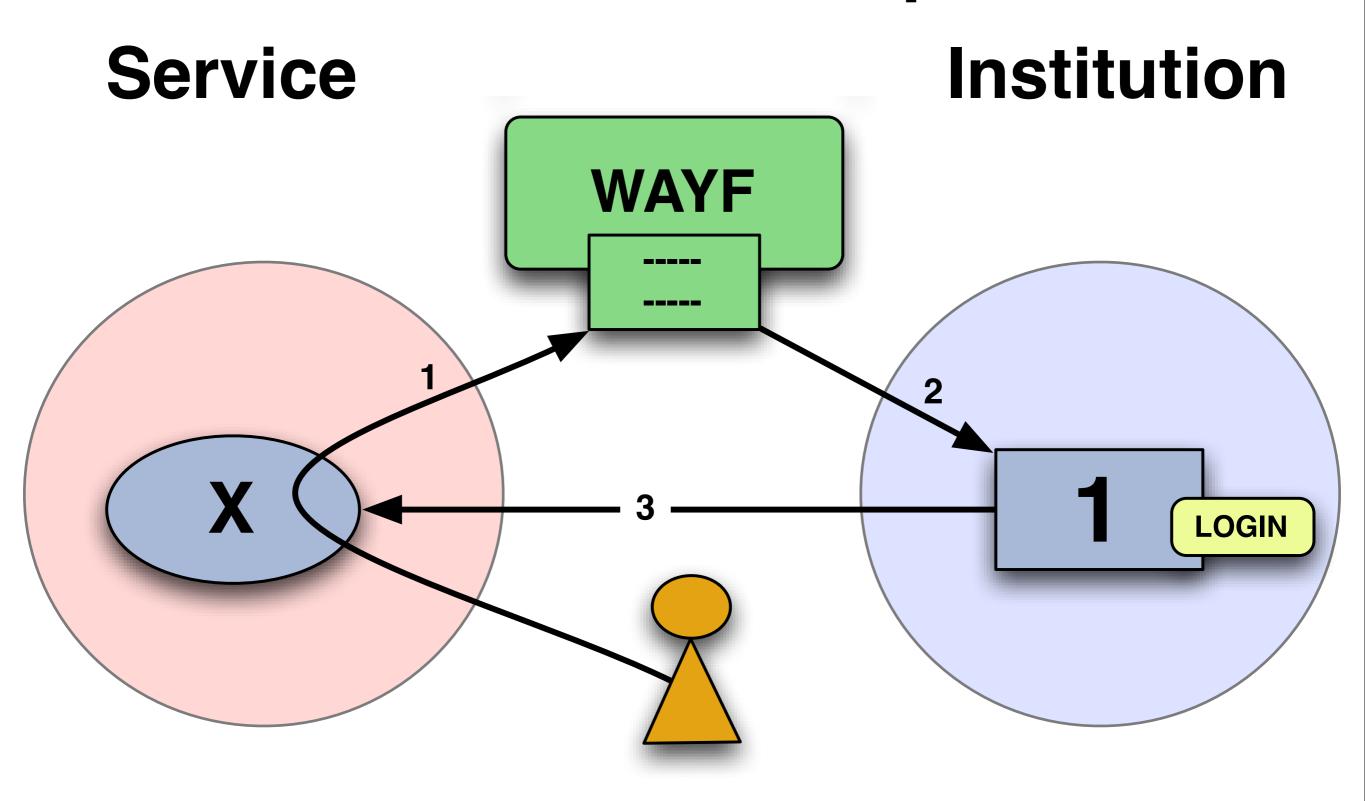




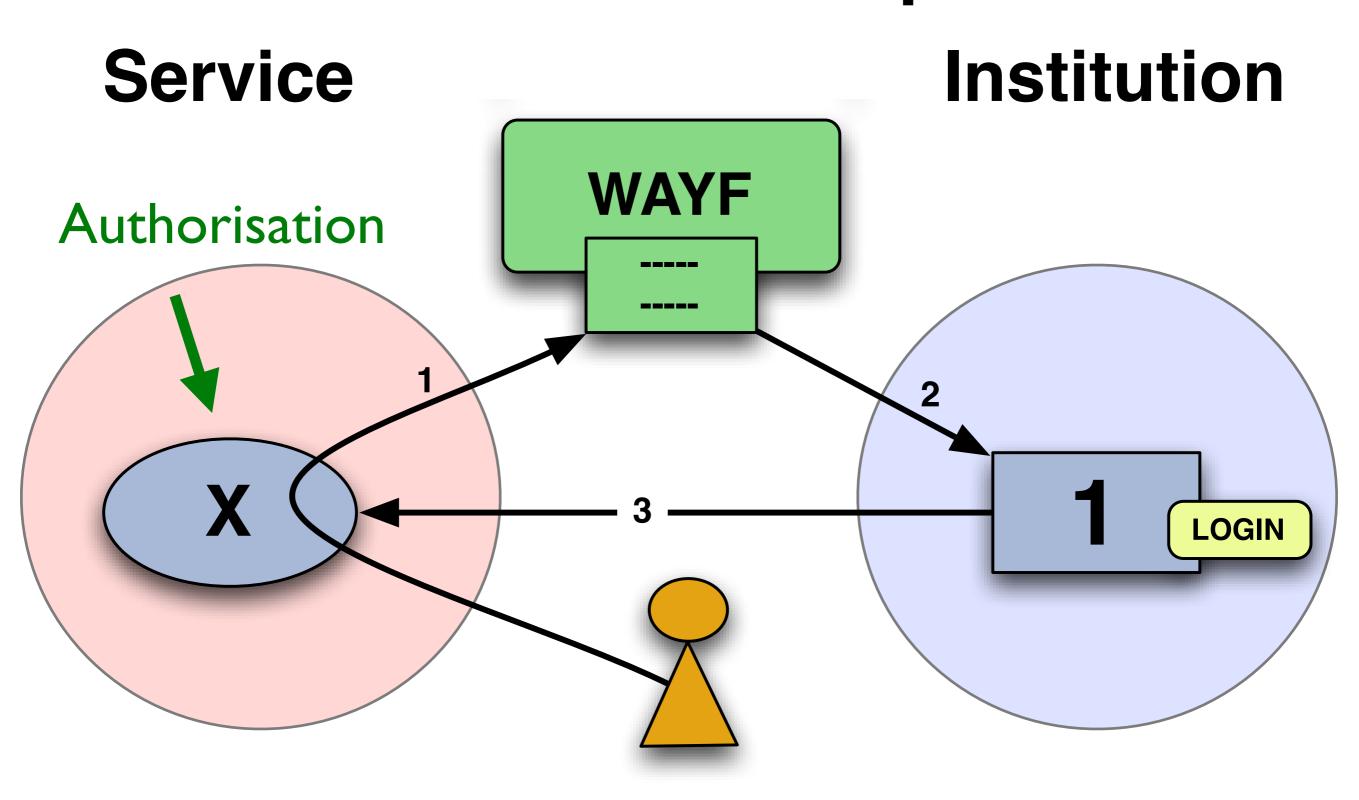




Basic concept



Basic concept



O To provide more services to the users

- To provide more services to the users
- O To get more users to the services

- To provide more services to the users
- O To get more users to the services
- To have fewer user names + passwords

- To provide more services to the users
- To get more users to the services
- O To have fewer user names + passwords
- O To introduce role based access management

- O To provide more services to the users
- To get more users to the services
- To have fewer user names + passwords
- O To introduce role based access management
- To be independant of place and time (IP-adr)

- O To provide more services to the users
- O To get more users to the services
- O To have fewer user names + passwords
- O To introduce role based access management
- To be independant of place and time (IP-adr)
- O To provide services to others

Choose your linqua franca

- Choose your linqua franca
- Choose your vocabulary

- Choose your linqua franca
- Choose your vocabulary
- O Write common rules for the federation

- Choose your linqua franca
- Choose your vocabulary
- O Write common rules for the federation
- Select an architechture

- Choose your linqua franca
- Choose your vocabulary
- O Write common rules for the federation
- Select an architechture
- Start building!

O National federation

O National federation

Intra-institutional federations























Several ways to federate



Several ways to federate





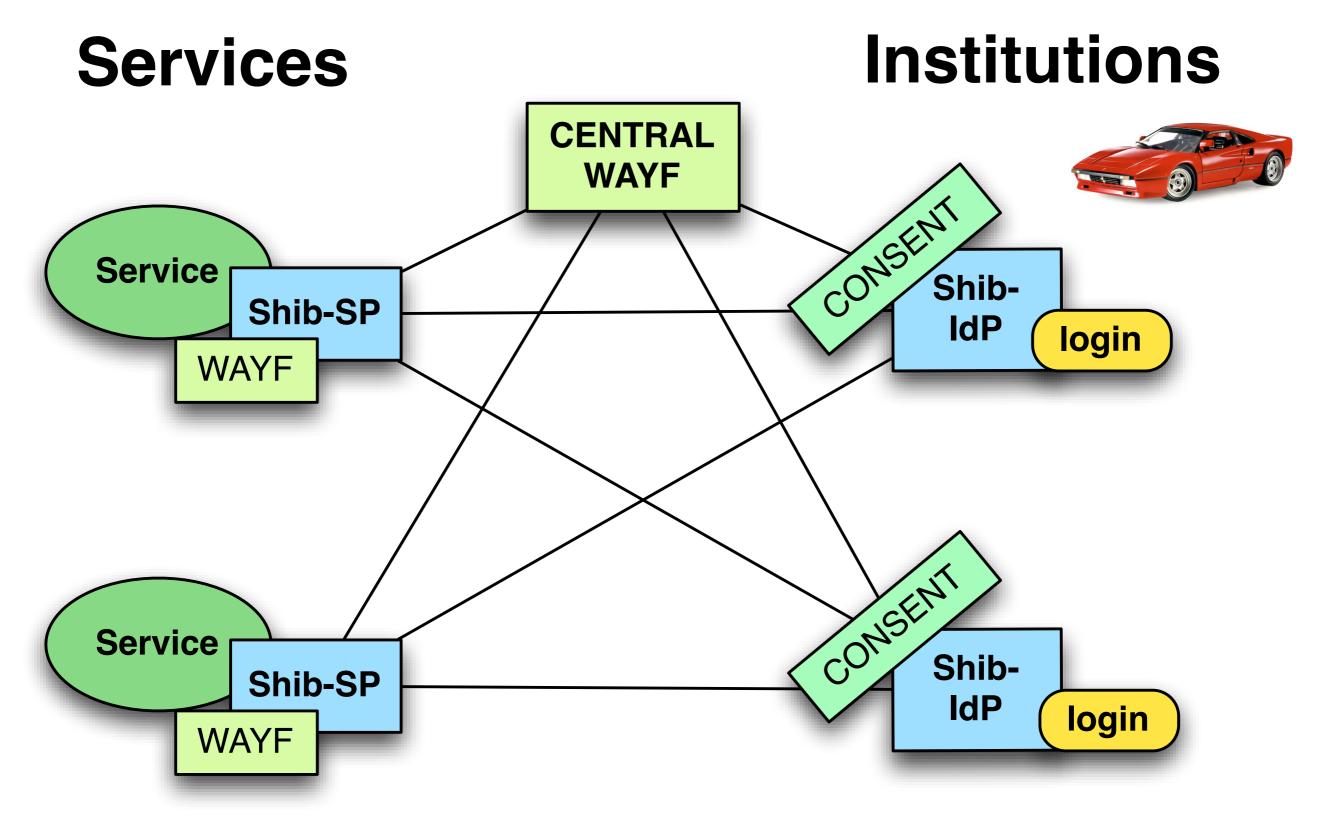
Several ways to federate



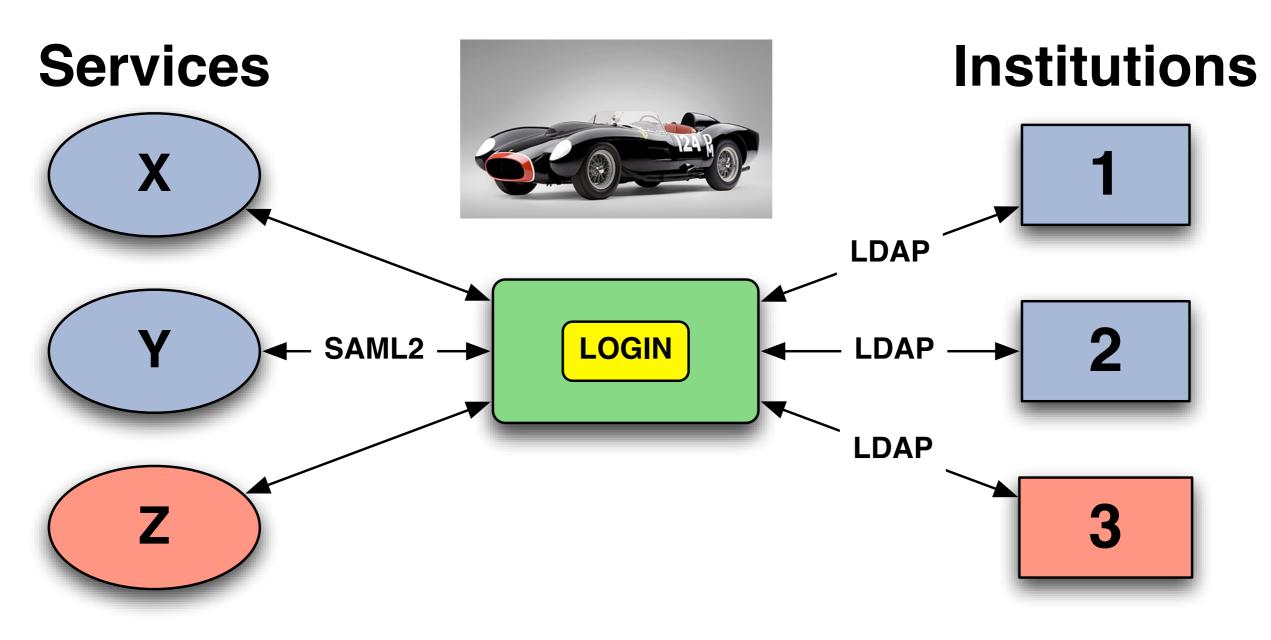




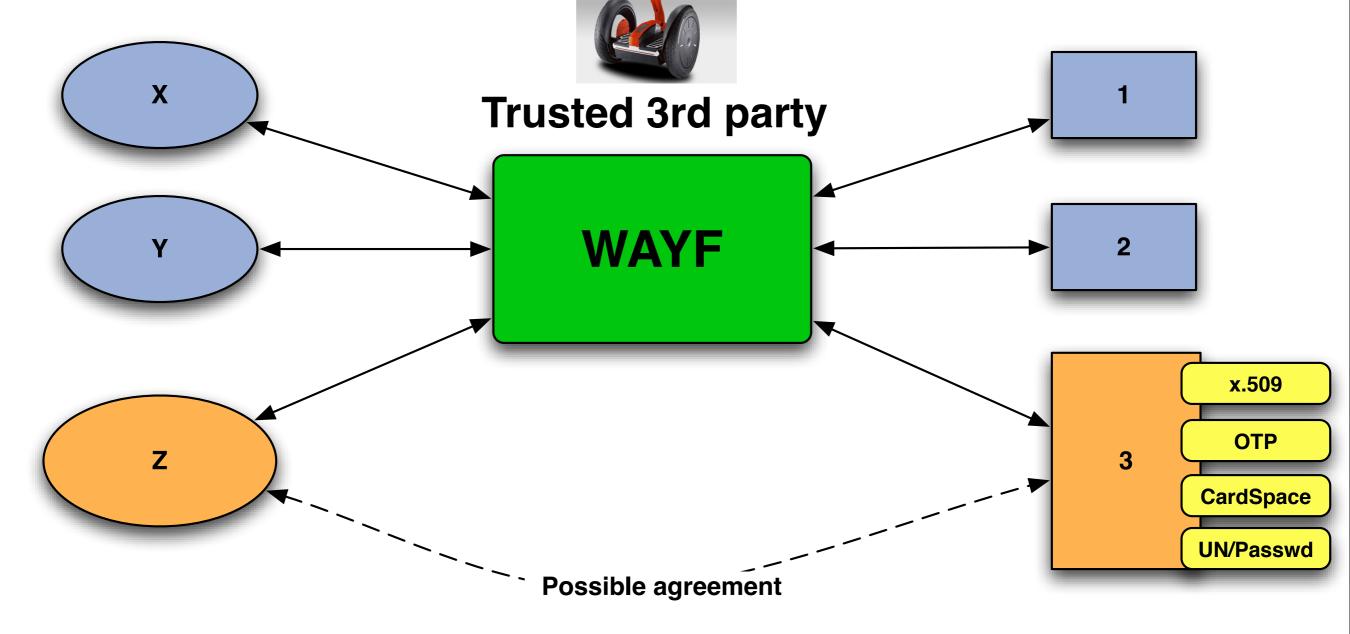
Loosely coupled, Shibboleth



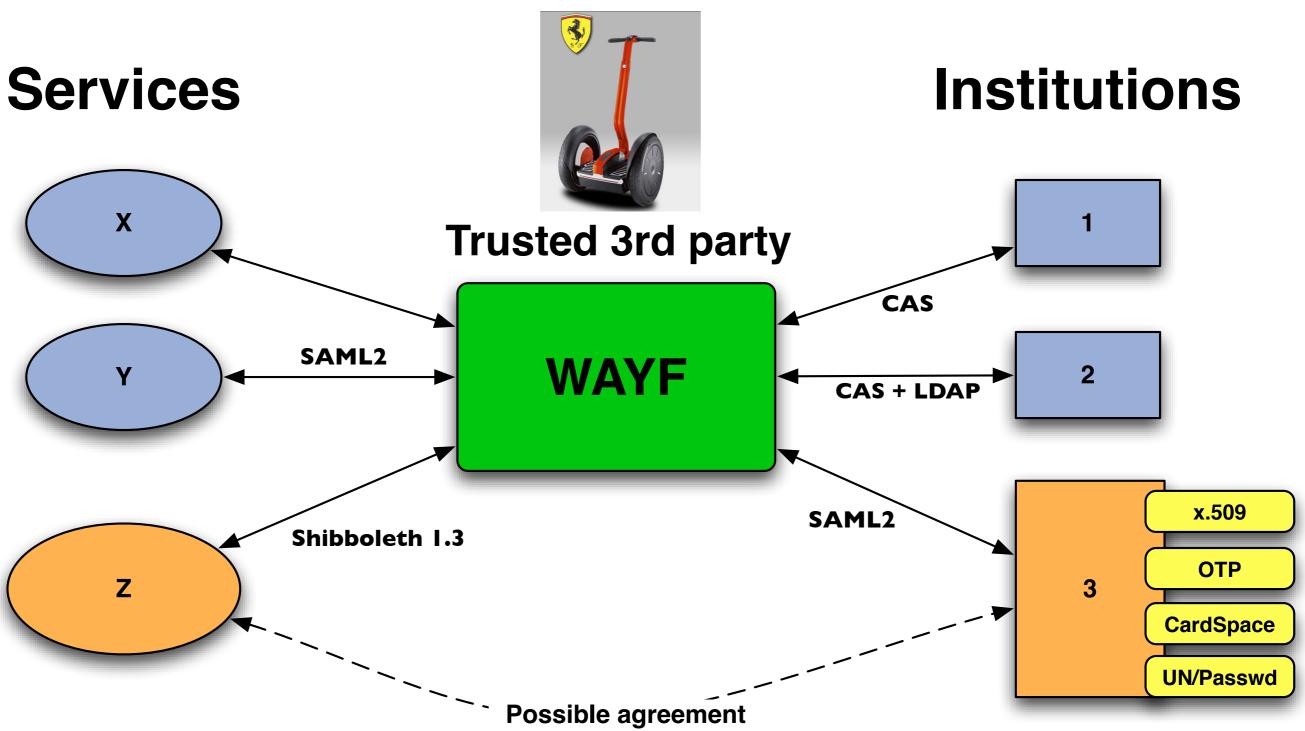
Central login, Norway



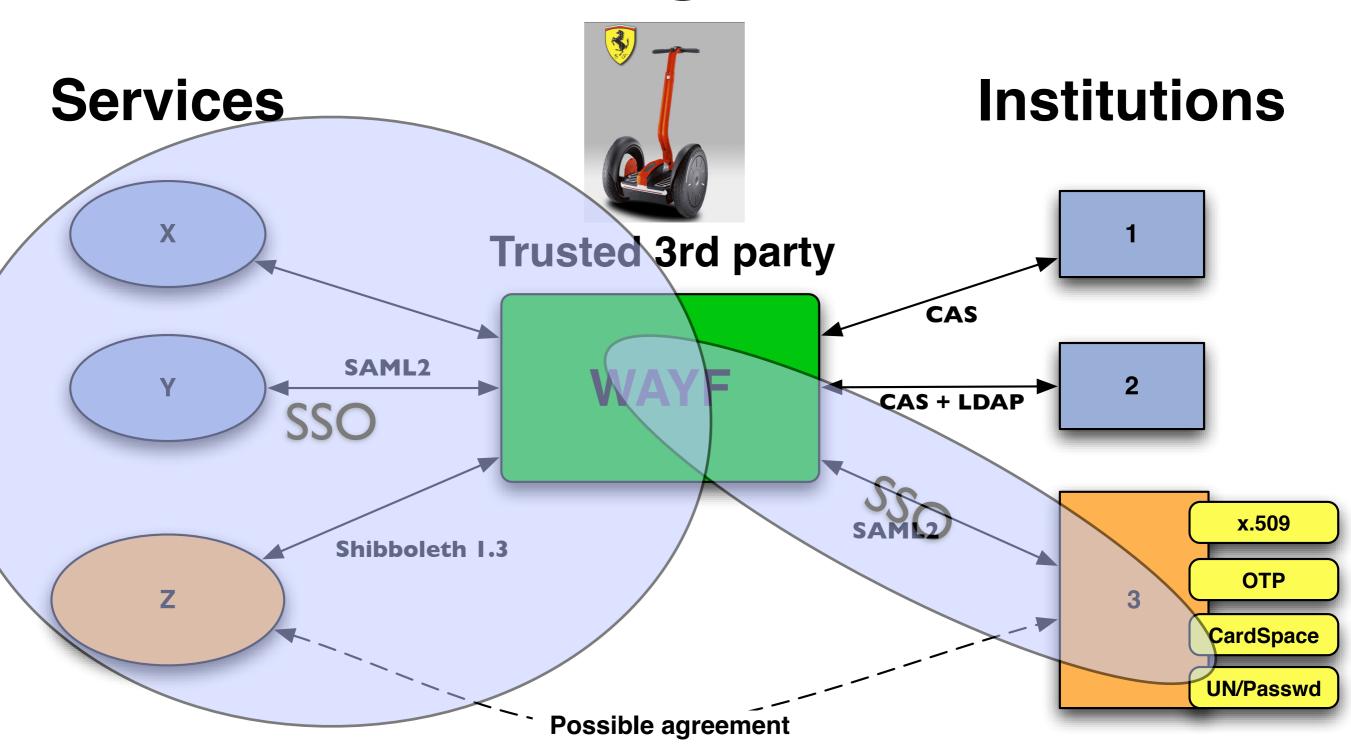
Decentral login, Denmark Services Institutions



Decentral login, Denmark



Decentral login, Denmark



Connecting services

Connecting services

O User management

Connecting services

O User management

O Pseudonomisation (a good thing!)

- Connecting services
- O User management
- O Pseudonomisation (a good thing!)



What stays the same?

What stays the same?

O Authorisation (will I let you in?)

What stays the same?

O Authorisation (will I let you in?)

O Business relations (the bill goes to ...)

- Introducing a new concept
 - to institutions
 - to service providers
 - to the users (?)

- Introducing a new concept
 - to institutions
 - to service providers
 - to the users (?)
- Federation policy

- Introducing a new concept
 - to institutions
 - to service providers
 - to the users (?)
- Federation policy
- Attribute release policies

- Introducing a new concept
 - to institutions
 - to service providers
 - to the users (?)
- Federation policy
- O Attribute release policies
- O User involvement (consent)

The consent must be:



The consent must be: - Volentary (no arm-twisting)



The consent must be:

- Volentary (no arm-twisting)
- Specific (one purpose)



The consent must be:

- Volentary (no arm-twisting)
- Specific (one purpose)
- Informed (understandable)



Qui tacet concentire videtur?

- The consent must be:
- Volentary (no arm-twisting)
- Specific (one purpose)
- Informed (understandable)



Qui tacet concentire videtur?

- The consent must be:
- Volentary (no arm-twisting)
- Specific (one purpose)
- Informed (understandable)



User<u>s' informed consent</u>

14 | MONDAY, MARCH 30, 2009

BUSINESS

The consent m

- Volentary (nc

- Specific (one
- Informed (un

E.U. set to clamp down on data use

BRUSSELS BY STEPHEN CASTLE AND REVIN O'BREEN

The new of data in the orders world is sing governed by the rules of the "which participate the second seco

ther affairs commissioner, will argue it beau conserver rights are being the affairs and by mesoather that proble and tarit community, seconding to a shull of a sect seen by the international threads dense. "From the point of view of concentral

mathematications," the draft speech ands, "the Maniel Wale Web is that they at to be the world "Wild lepst,"" Rameres in to deliver the speech to a

setting of account 200 industry and room net requests extent on Wedsmultan Ref. constraints welface the annuary of adateses on boots only of the Atlance, on the comments at new of adaemsmoots mered therappin estima stocking tends while size "conducts" — aread likes update the "conducts" — aread likes update that unrety" sumpations by the following tools.

There and an and the second se

The Federal Trade Connection Into Latitation, search recent that, this is descrip these too show it can prove many permany, it will have beginning from Congress and assers regulatory approach from the FUC In Rampo. Rampoon Union and ma-

Internations are the internet, on an o perturbation are the internet, on an o perturbation energies, new even at an interor margines see for even.

Mediante anna para const datas la fuera da menera en estaren a fuera meneral da en estaren mangen estaren en estaren e Most of the laws are outdated," he at

Mr. Lewandowski said commoner approvat of a Web site's terms and consttions should not be used as legal cover to minute and market personal informations. Most people dors't read or integer stand theor any way, "he said.

MARY DEPUTATION COLUMN

A paper drawn up by Ms. Knerva will argue that the near of data by advertisers in part of the price consumers must expect to pay for free content an the inseccet. But it also argues for basic protection for commers. Terms and conditions to which users are asked to agree "are ofient non complicated for commenters to unternative bet paper ages," but refund to accept them mustly involved a reduc-



"The World Wide Web is turning out to be the world "Wild West."

Contraction of Facility Contraction (Section 1)

consistent a particular Web size." That means, size trackbacks, that the "printiples of substitued consent," are often not recovering in practice. Mr. Kanters will any microsome to one

is rever logarithm, party because the area monopoint the part of har monolate at a monopoint for the part of har monolate at a monopoint sector of an area monopoint and an area and monopoint and an area and new sector and an area area for the sector of an area monopoint and an area and monopoint and an area area for the sector of the monopoint monopoint and and a sector of the monopoint of the sector of an area area and the sector of a sector area area and the sector of the sector the sector of a sector area area and the sector the sector of a sector area area and the sector the sector of a sector area area and the sector the sector of a sector area area and the sector the sector of a sector area area and the sector the sector of a sector area area and the sector the sector of a sector area area and the sector the sector of the sector sector area area and the sector the sector of the sector sector sector the sector sector sector the sector sector sector sector sector the sector sector sector sector the sector sector sector sector sector the sector sector sector sector sector the sector sector sector sector sector sector the sector sect

tary and constance pairwerks. " Ba hor speech, Ma, Karava heghingtos hereres case of Parentsuk, which was the recent case of Parentsuk, which was nothing and a chase in 25 services and a monthlers which, also serves and a speech set of the serves of the serves and the serves of t

In generated, ago cost investor area officer dail official an accession and investor. Work and appentation and and an appendix and appendix a station and appendix and appendix and appendix a station and appendix damage and appendix a Apply they are raise to the data. "You don't know who data particular and, where to find them, for data strain or day, have a privacy policy at all the data spectra days. "But you are special up to give them your Jan."

Although Facebook altern connect from thated parties to be smalled as usery' company's privacy policy tayls "Govern the use of cookies by Taylout and does not cover the use of inskess ather tracking technologies by any of a advortance."

Referre E.U. attempts to usen upto control flow electronic information is intend for convertencial programs have been stowed by the global nature of the flow net and resistance from some flow result resistance from greater metion would resistent flow greater metion the profit. Addity of targeted adverting. Some well insteaded protestions and interforeershot the means, in 2021, or EU dow two actually exclusived a read spars. The measure had little effect because and quart originative metaode the florepoin Union.

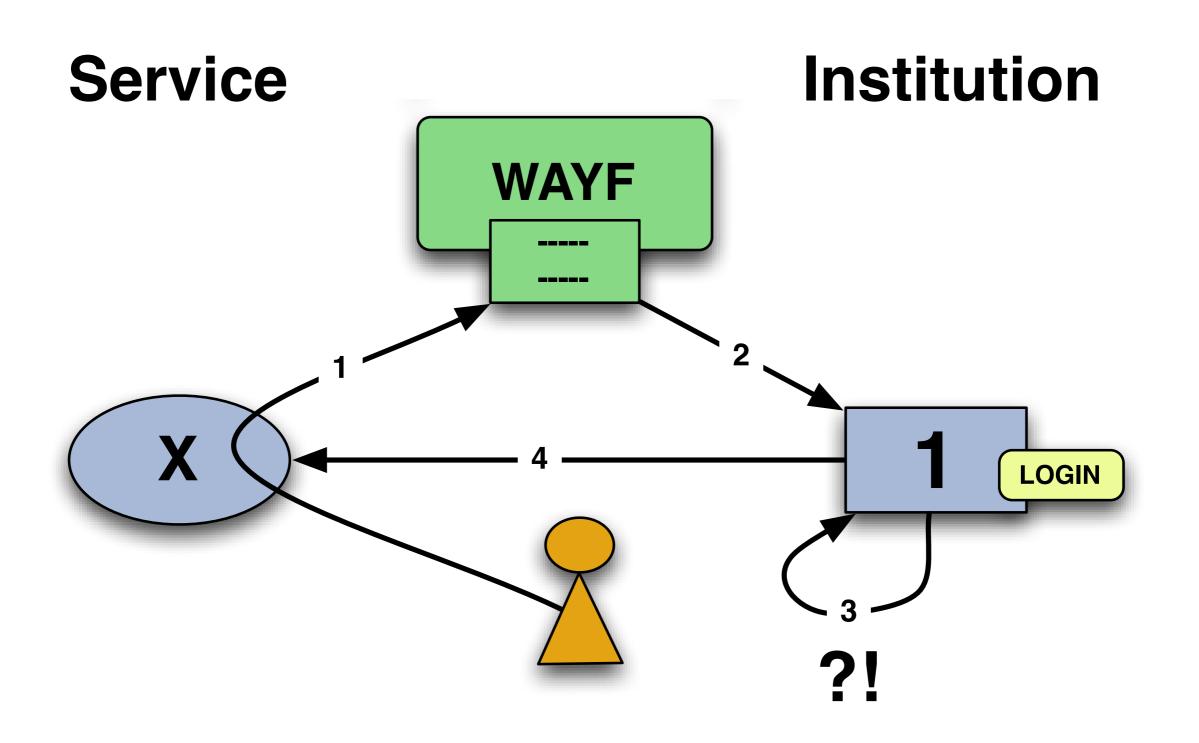
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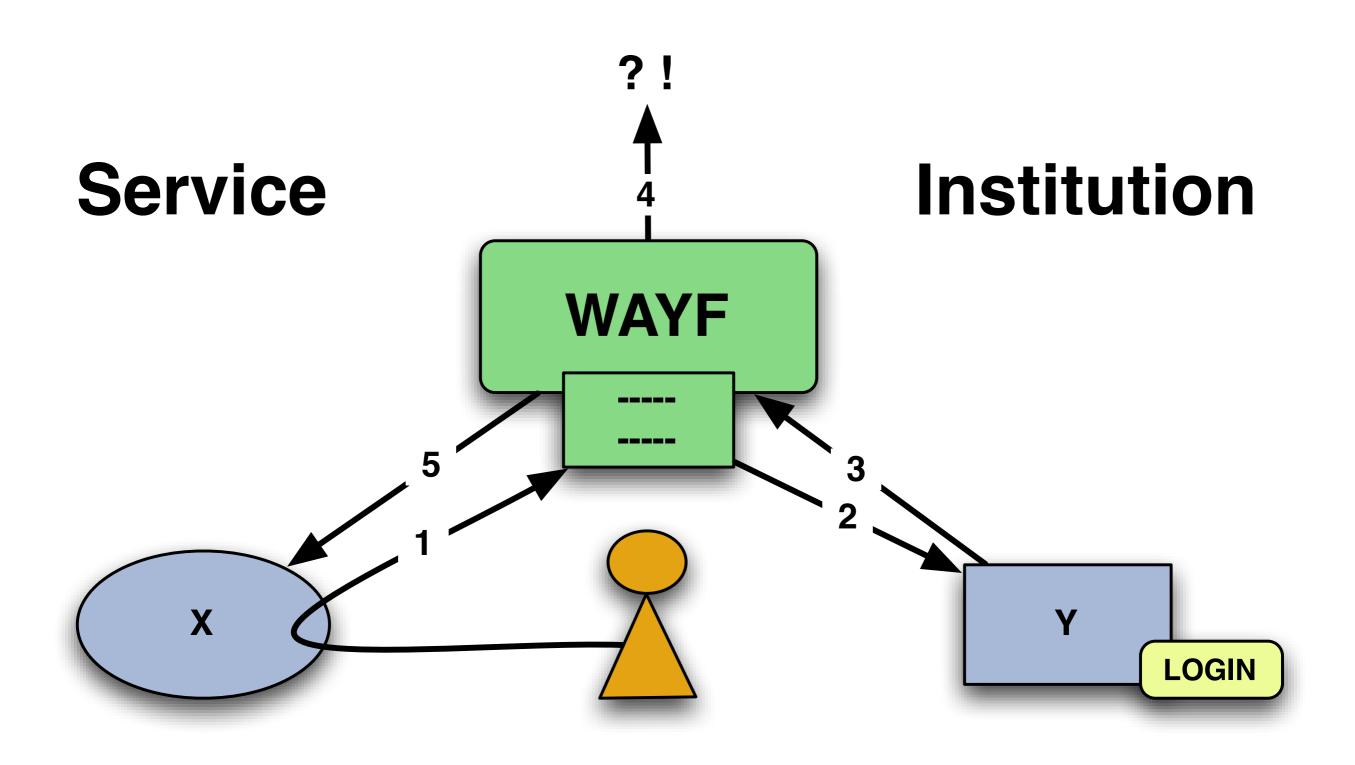
Three years of montangs and hearing between the comparises and a European Contactional advances panel called the Article 28 Warking Group have produced attraction advances on the Issue, but an international advances on the Issue.

Reach differences rooman. Groups, by how and Miccoport, which sportare likes, in water arguest then LP addression - which are sense and the LP addression - which are sense and addression for the many permanal addression for the many permanal addression for the however, their an internet permote and determ in taxastrooms, or an addression determ in taxastrooms who memory and determ and taxastrooms of the addression classes the originaries who memory and these data are one based to be larger and these for the addression to LY and

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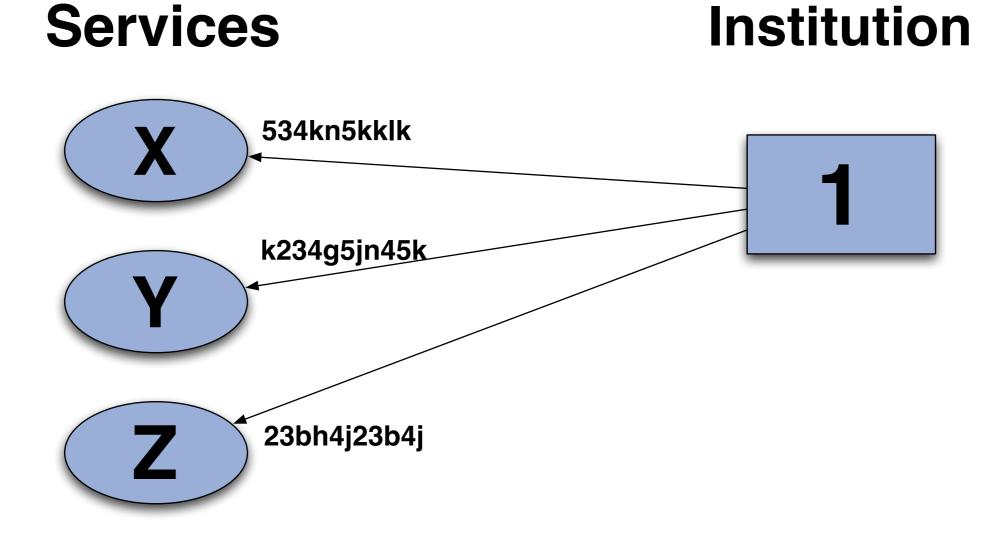
Personal pseudonyms

Institution



Services

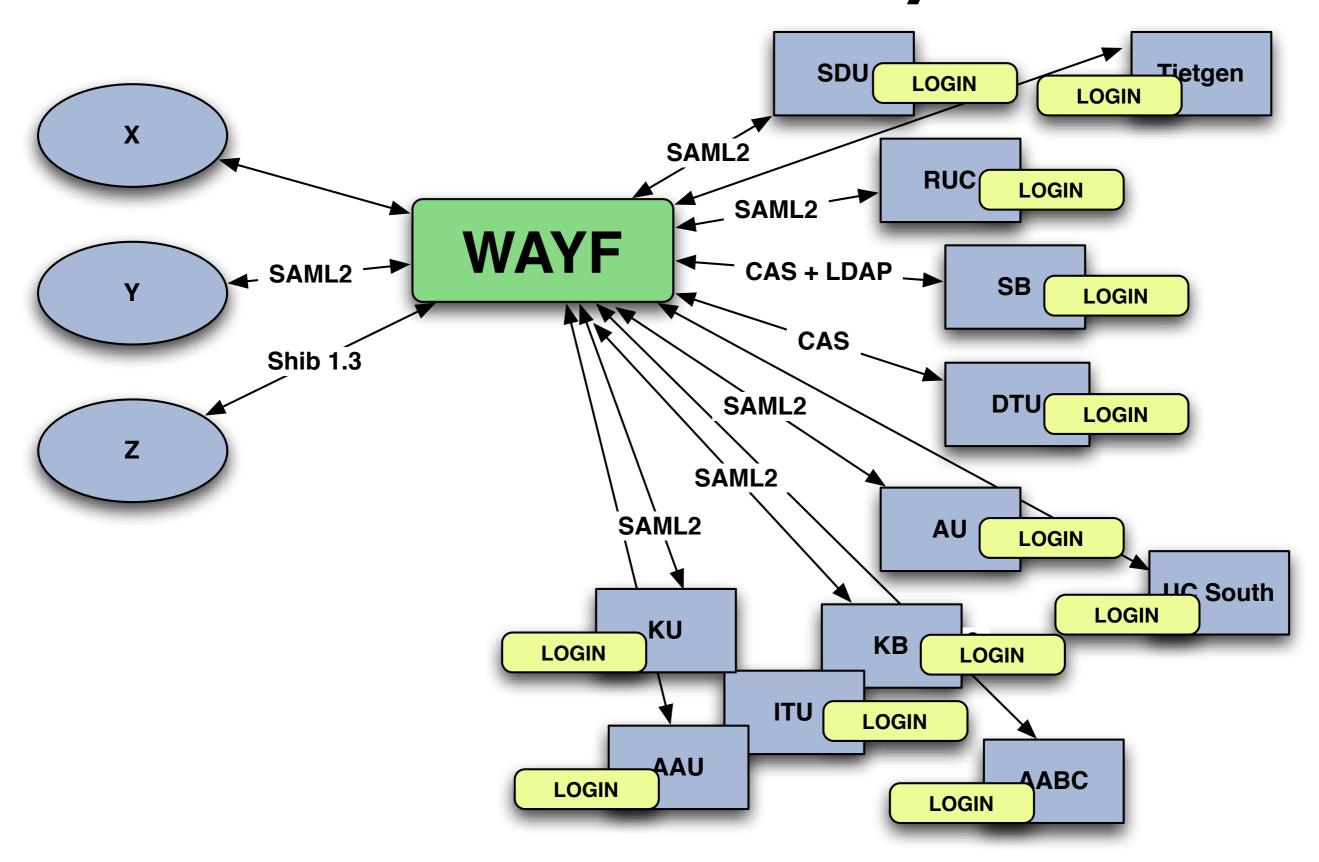
Personal pseudonyms



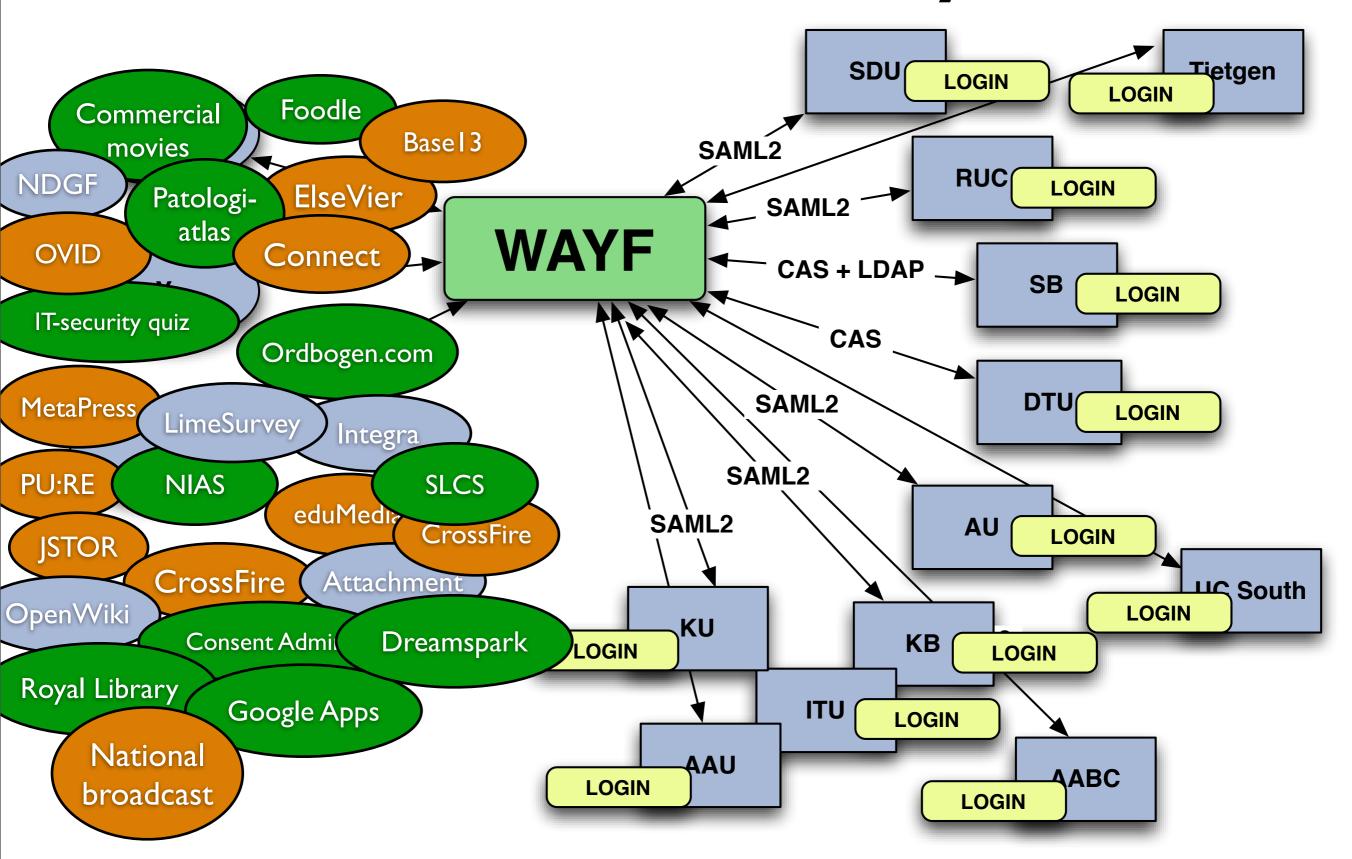
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WAYF status: 3 years

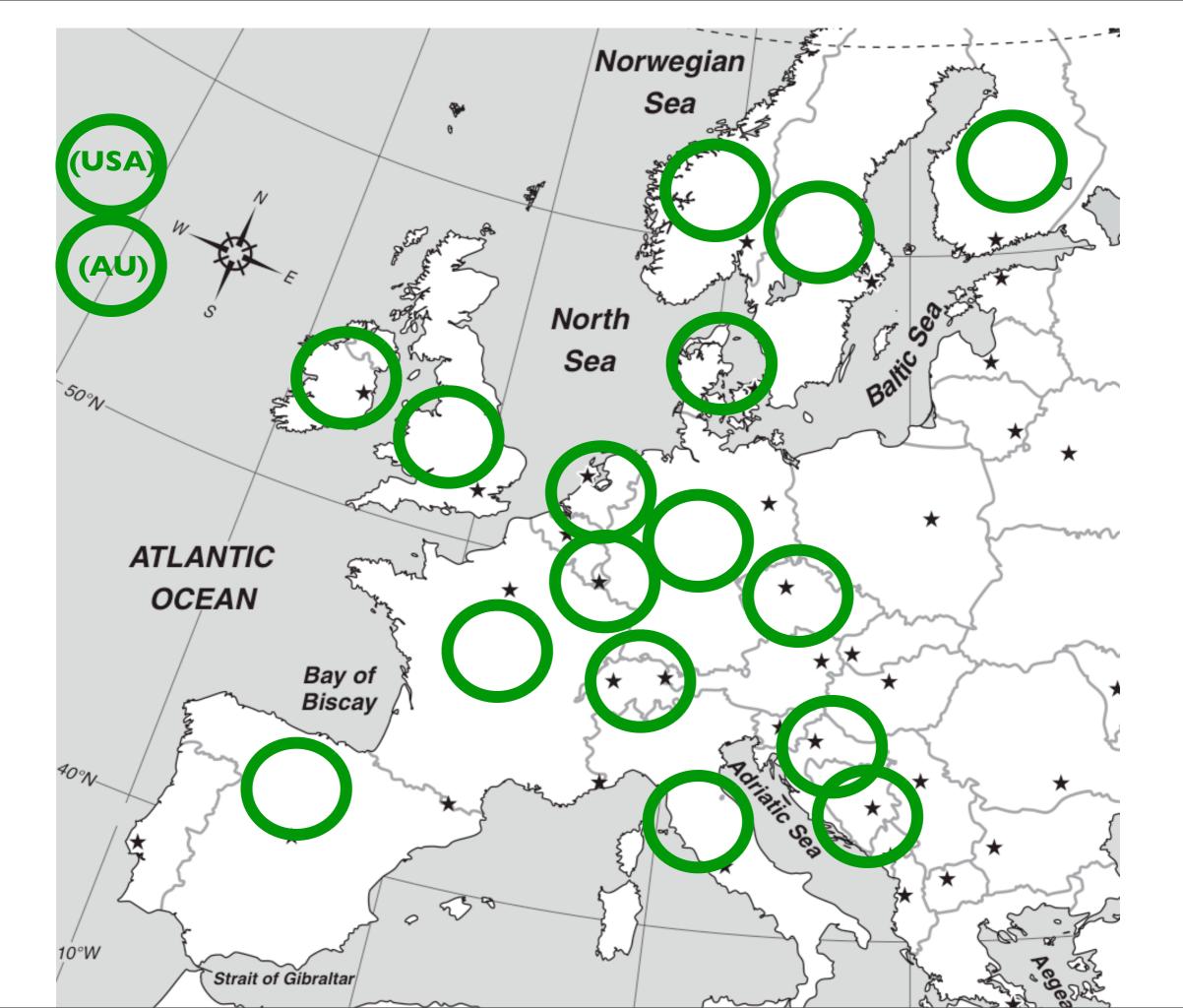
WAYF status: 3 years

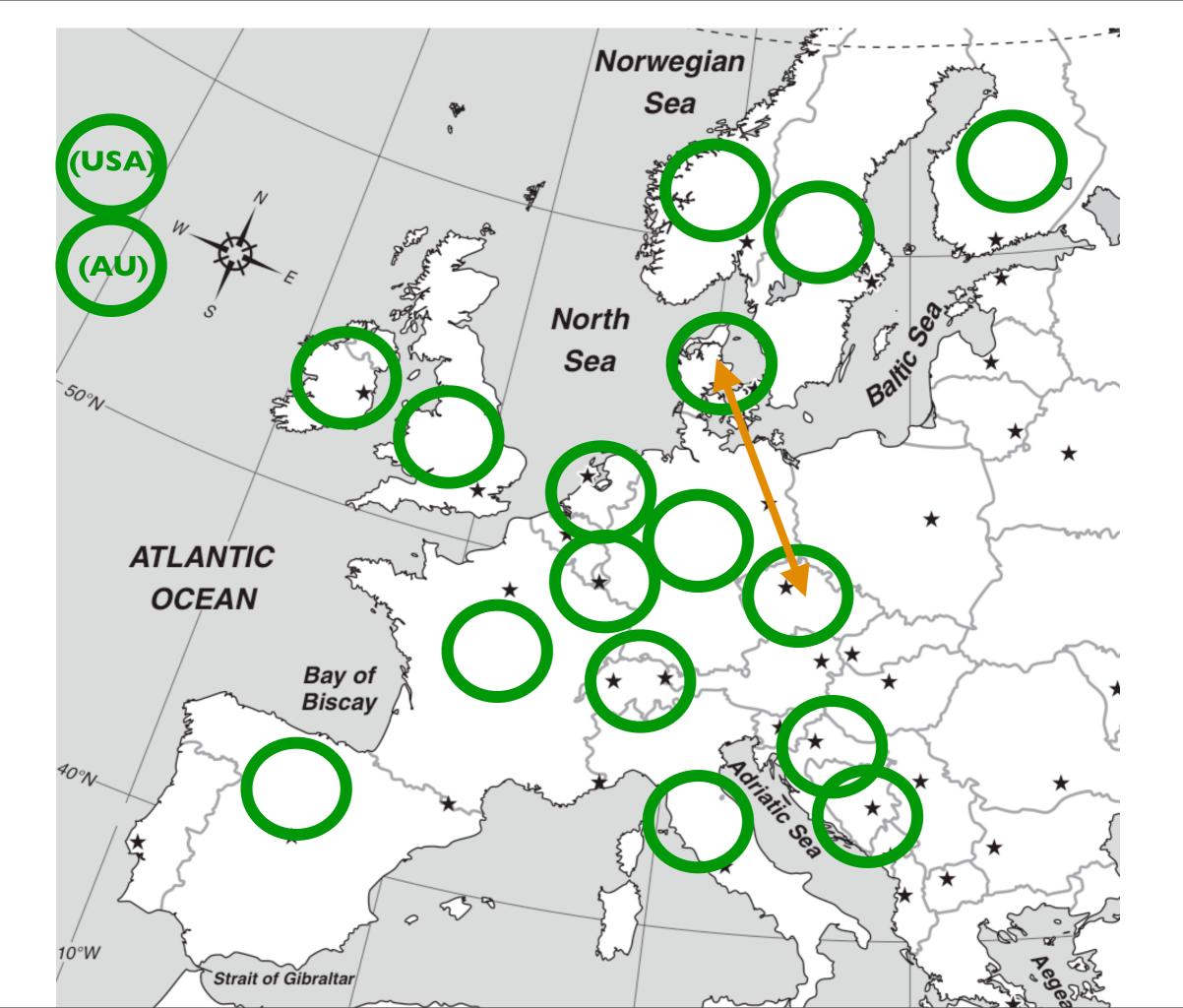


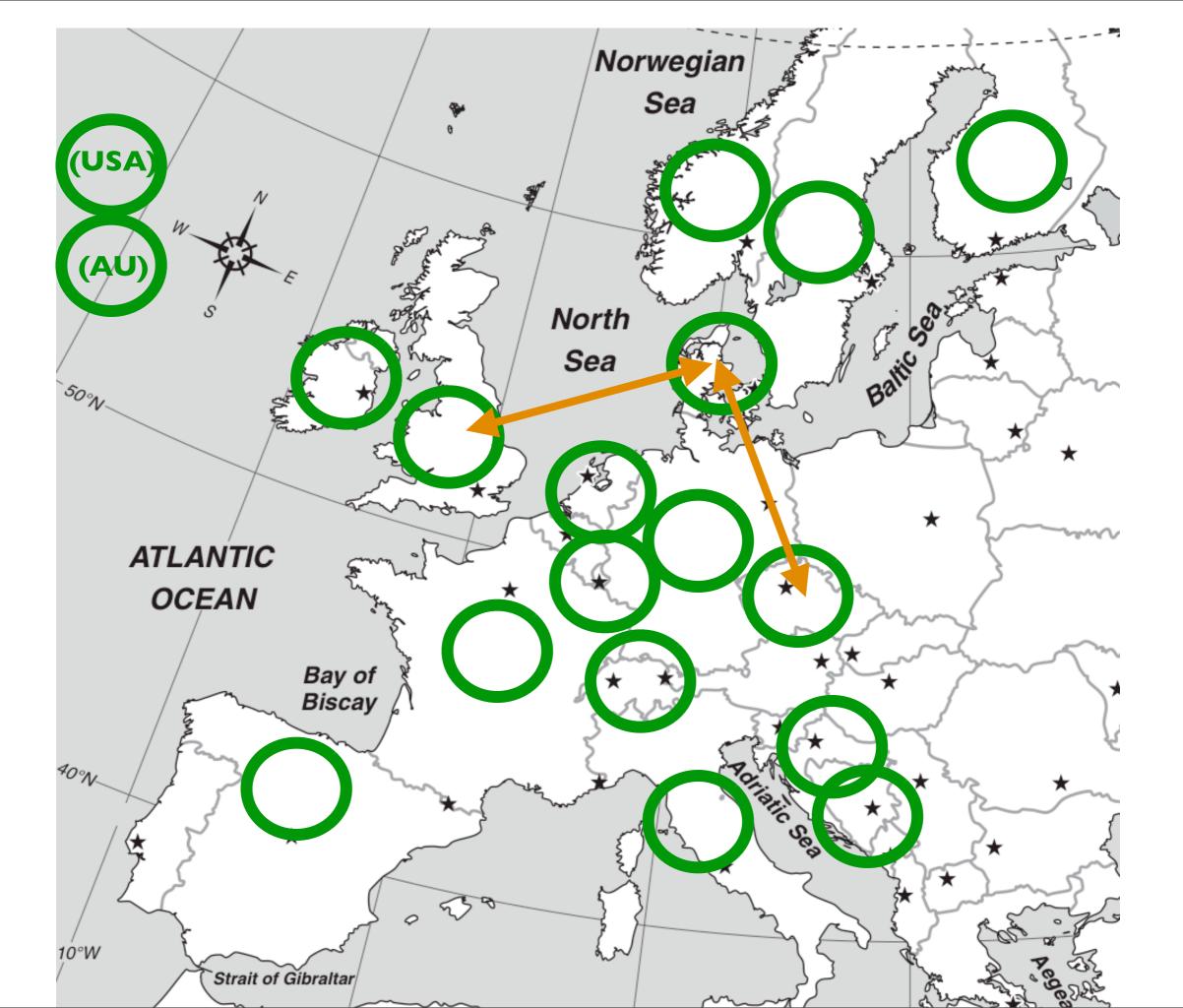
WAYF status: 3 years

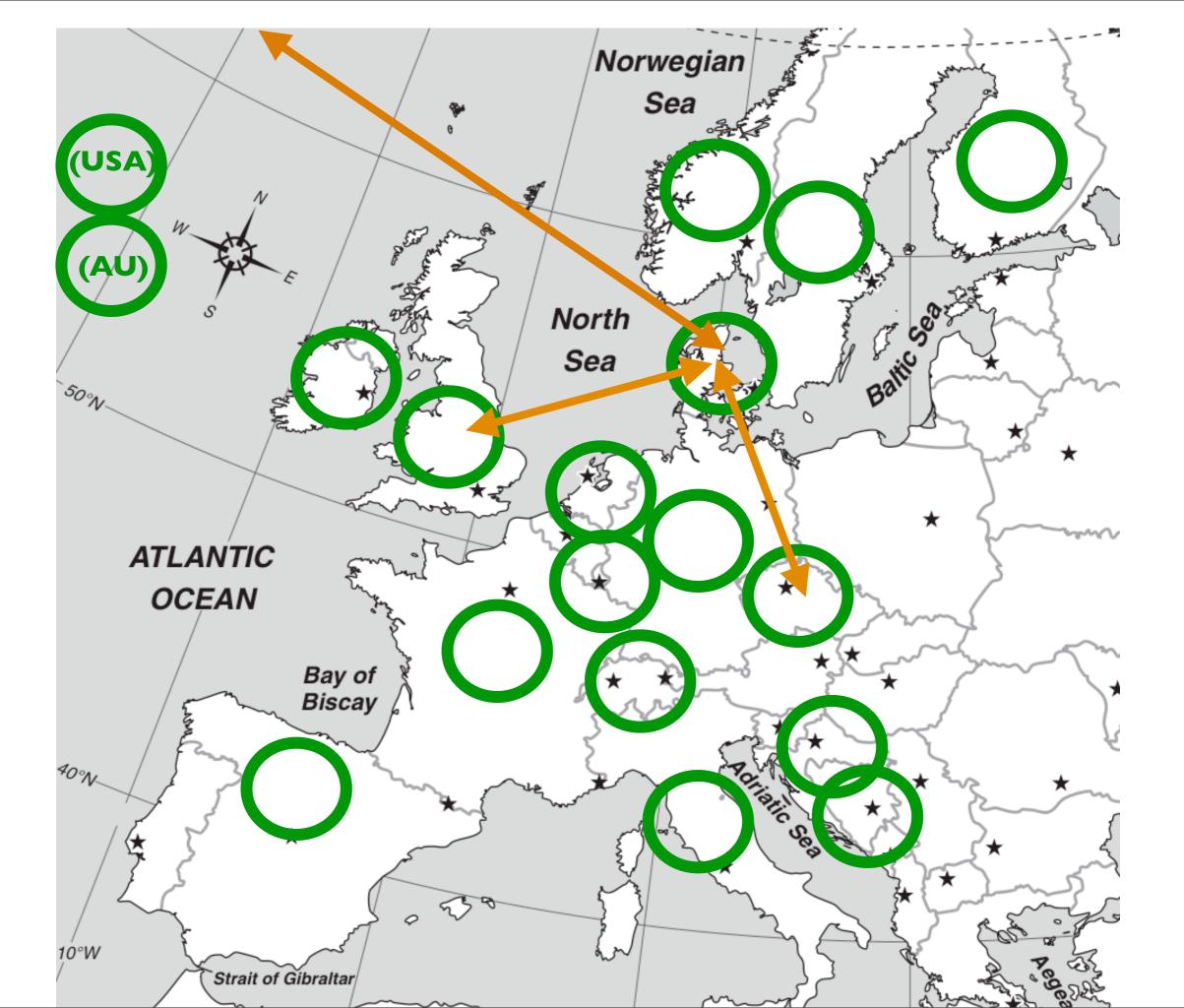


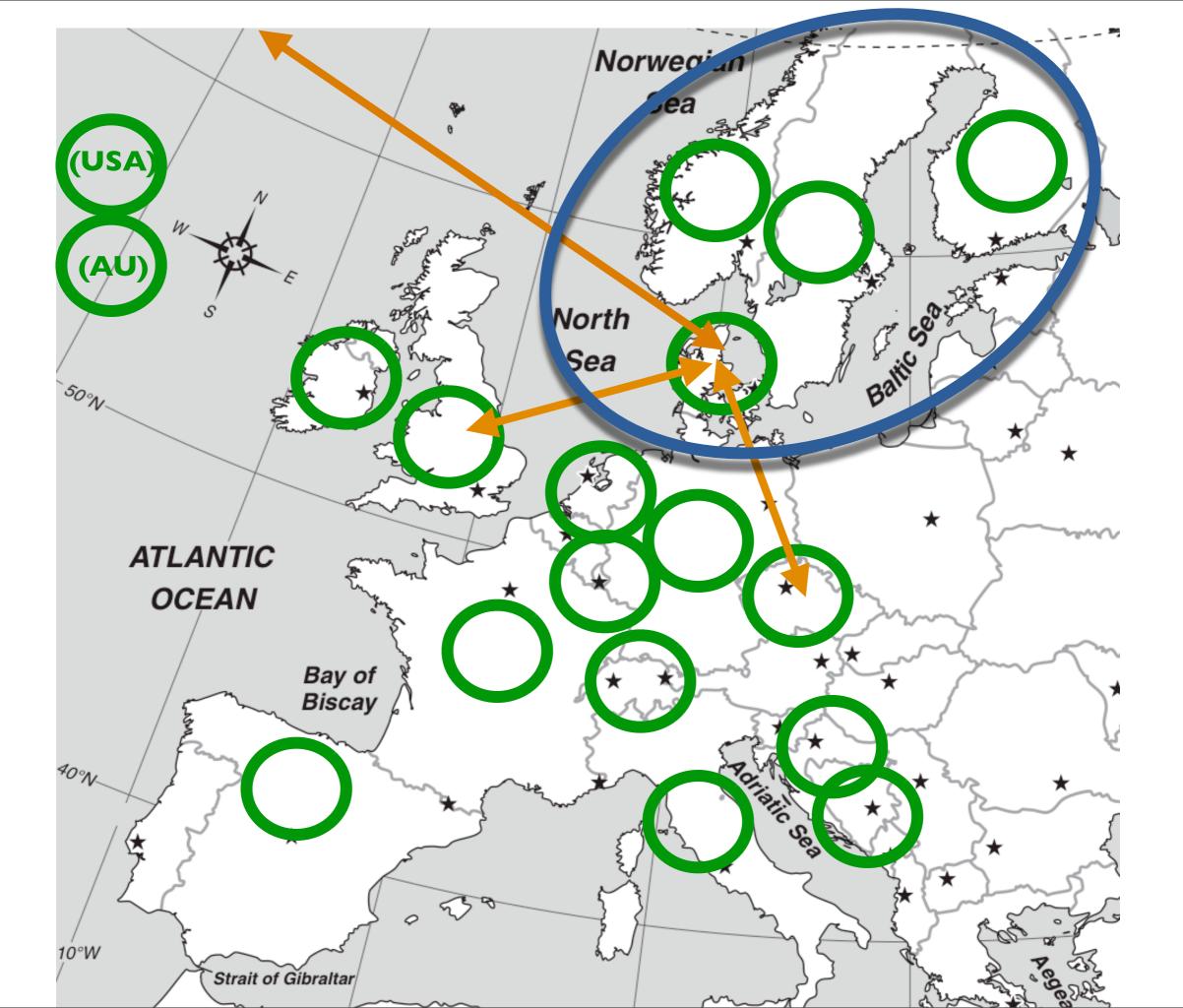
Interfederation



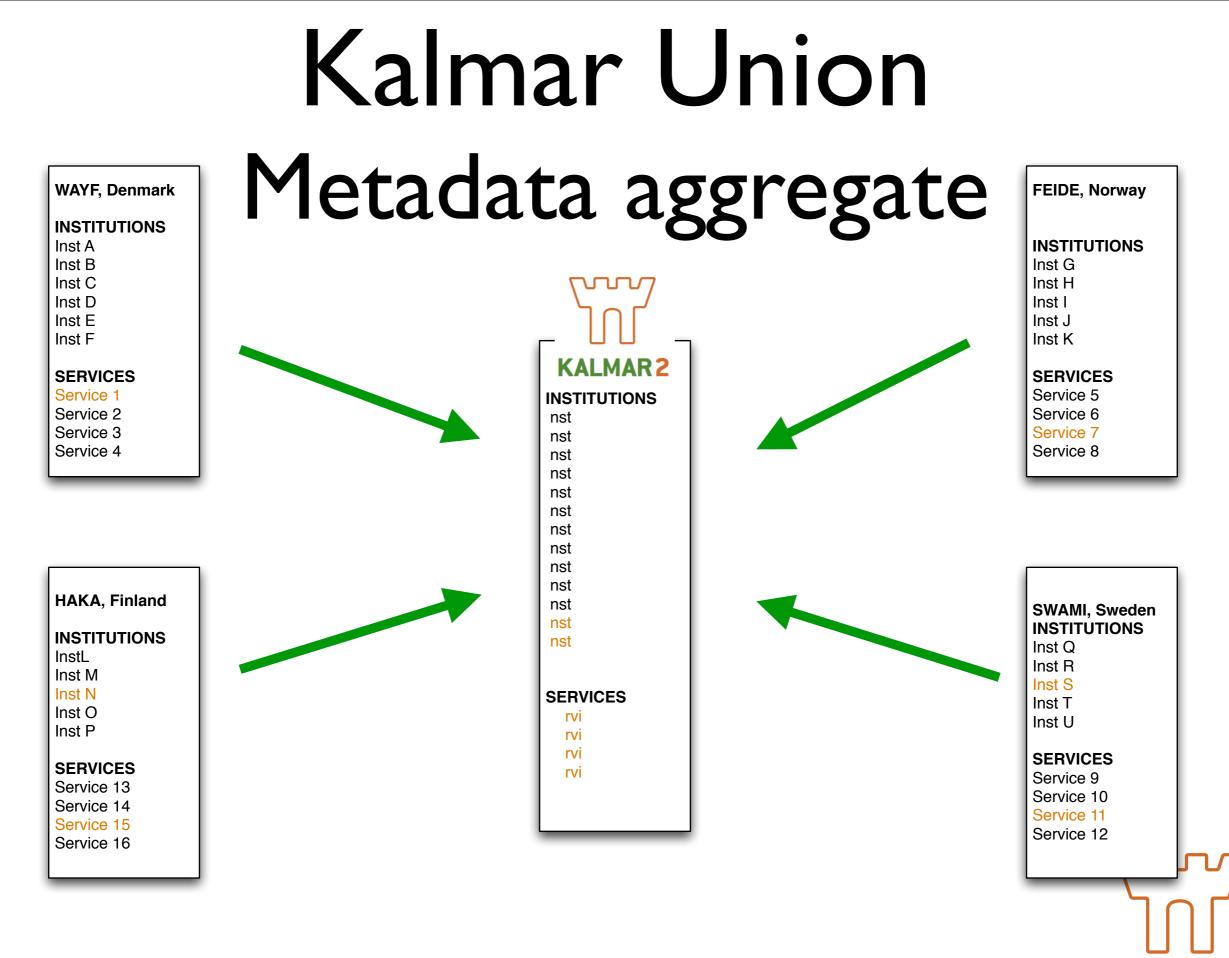








KALMAR2



KALMAR2

Interfederation

