



# FIM4L

## Federated Identity Management for Libraries

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# The Beginning

- [Project AARC presentation](#) at LIBER 2018 conference in Lille, by Peter Gietz (DAASI international), Jiri Pavlik (Moravian Library) and Jos Westerbeke (Library Erasmus University Rotterdam) with help from Valentino Cavalli (LIBER), Sander Engelberts (OCLC), Barbara Monticini (GARR).
- There was an agreement that something like FIM4L (inspired by FIM4R) would be beneficial to ease migration of libraries to FIM.
- Begin 2019: We reached out for more librarians who understand the problem. And started the FIM4L initiative. With LIBER, GEANT and several NREN's and other parties involved. With direct contact to [RA21](#).
- Welcomed the [Stanford Statement](#) and become global. Noting that it should be a library-led initiative, addressing the library concerns regarding SSO and privacy.
- FIM4L was introduced for the first time at the CESNET e-Infrastructure Conference on 30 January 2019 by Jiri Pavlik

# Problem statement

The shift from IP based access to SSO access causes libraries to provide personal authentication for their patrons. It is not clear whether or what (personal) data needs to be exchanged between libraries and publishers within the process of personal authentication through (federated) SSO.

As explained in the Charter document. (Next slide)

*What libraries want:*

Saveguard researchers and let them enjoy freedom of research without exposing their identity.

# Charter

Introduction, Problem statement, Workgroup aims, Scope, Related initiatives

Draft version for public comments:

[https://docs.google.com/document/d/11KpYa84AsgWjiKnnRr1r6\\_zH2ynN9kv3pNP2hRvd4go/edit](https://docs.google.com/document/d/11KpYa84AsgWjiKnnRr1r6_zH2ynN9kv3pNP2hRvd4go/edit)

# Recommendations & guidelines

Guidelines to connect, Risks and concerns

Draft version for public comments:

<https://docs.google.com/document/d/1plaEXfw9ZWnXM4p6Dd2Lri7RFWKgr7ObKLEGfUy2nck/edit?usp=sharing>

# Recommendations & guidelines

Libraries, universities:

Subject tracking and personalisation possible option

1. Publish Identity Provider in eduGAIN.
2. Support GEANT Data protection Code of Conduct.
3. Release following set of attributes according to request in Service Provider metadata:
  - persistent identifier (SAML Pairwise-ID or fallback, legacy persistent NameID, eduPersonTargetedID)
  - eduPersonEntitlement
  - eduPersonScopedAffiliation

# Recommendations & guidelines

Libraries, universities:

Privacy star option

1. Publish Identity Provider in eduGAIN.
2. Release following set of attributes: transient NameID, eduPersonEntitlement, eduPersonScopedAffiliation according to request in Service Provider metadata.

# Recommendations & guidelines

Licensed e-resources providers:

1. Publish Service Provider in eduGAIN.
2. Support GEANT Data protection Code of Conduct.
3. Require attributes: eduPersonEntitlement, optionally eduPersonScopedAffiliation
4. Use eduPersonEntitlement attribute for authorisation, optionally eduPersonScopedAffiliation
  - 4.a Use well defined 'urn:mace:dir:entitlement:common-lib-terms' eduPersonEntitlement attribute value for "whole-institution"-level authorisation.
  - 4.b Support AARC Guidelines on expressing group membership and role information for "below-whole-institution"-level authorisation.



# Recommendations & guidelines

## Remarks:

Service providers could request name persistent identifier (SAML Pairwise-ID or fallback, legacy persistent NameID, eduPersonTargetedID), (displayName or givenName and sn) and mail attributes in metadata as optional. Identity Providers should release persistent identifier when personalisation features, SSO for personalisation for users is expected. Identity Providers should release transient NameID when no personalisation features for users are appropriate and expected.

# Libraries involved

- Albert-Ludwigs-Universität Freiburg, Germany
- Brown University, USA
- CzechELib - National Centre for Electronic Information Resources, Czech Republic
- Erasmus University Rotterdam, Netherlands
- Moravian Library, Brno, Czech Republic
- State Library Berlin, Germany
- University of Essex, UK
- University of Nottingham, UK
- Stanford University, USA
- Wageningen University & Research, Netherlands

# Contact

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