

Federated Identity Management for Libraries (FIM4L.org)

LIBER lighting talk - 2021



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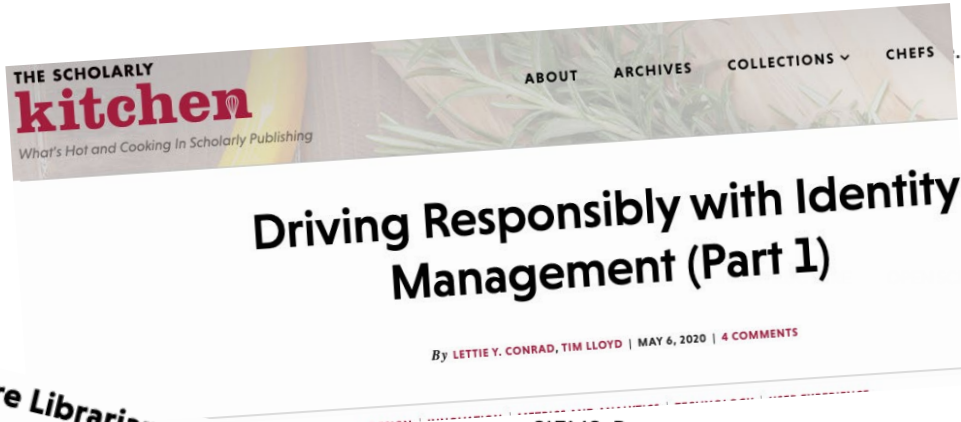
Erasmus
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Ligue des Bibliothèques
Européennes de Recherche
Association of European
Research Libraries



Freedom of research: Concerns by librarians



Stop Tracking Science

The major academic publishers have made collection and trading of data about the research interests of individuals, groups and research institutions their new business model.

Why are Librarians Concerned about GetFTR?

Some were surprised GetFTR wasn't immediately welcomed by the li
analyzes why.

By LISA JANICKE HINCHLIFFE | DEC 10, 2019 | 18 COMMENTS

When your journal reads you

| 2021 | doi:10.5281/zenodo.4683778 | No Comments

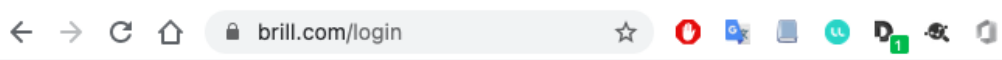


Federated authentication / SSO

1



2



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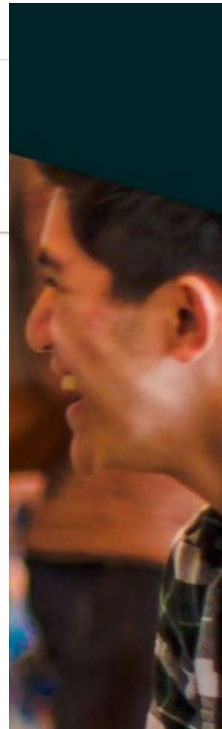
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Students and employees of Erasmus University
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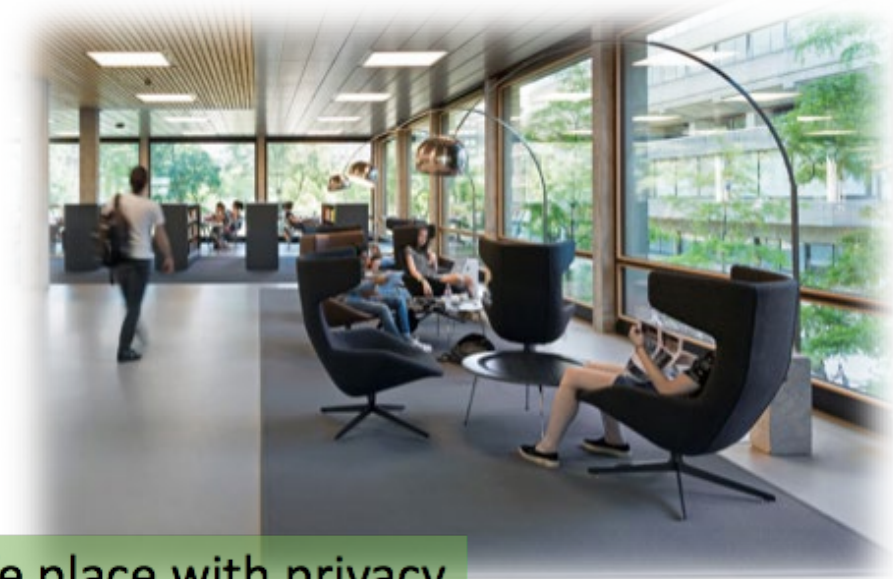
Keep me signed in

Sign in

The library as a trusted place

The library has to

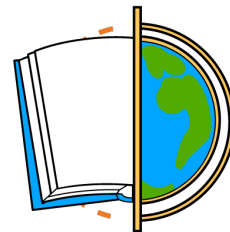
- Provide a private place, even online
- Protect its patrons



A trusted safe place with privacy

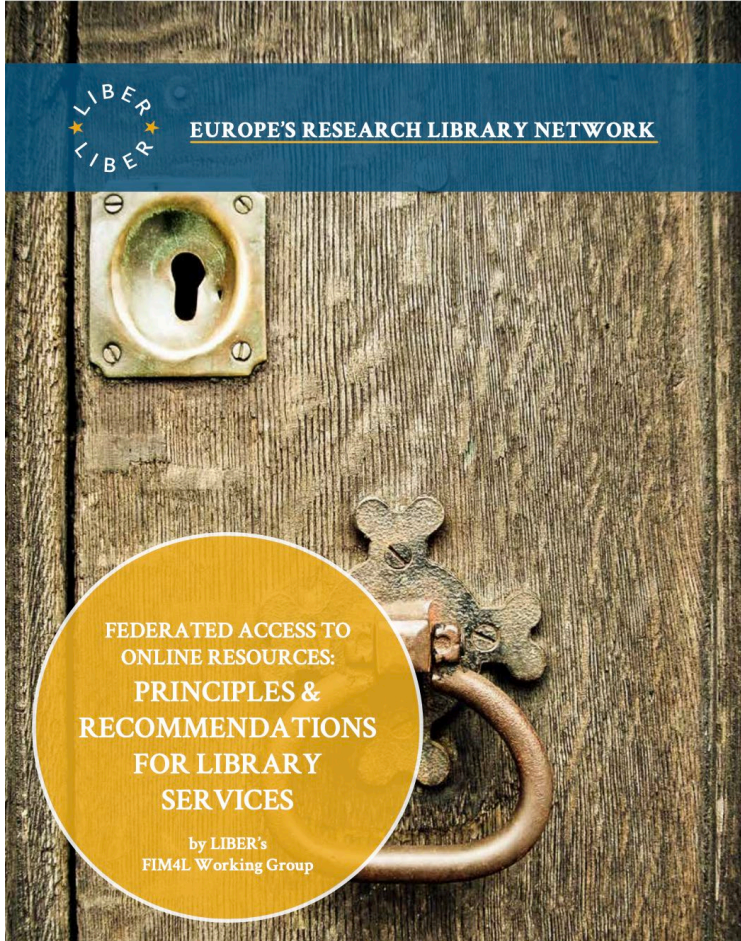
Introduction to FIM4L

- FIM4L (Federated Identity Management for Libraries) is initiated and headed by libraries. With the ending of the [AARC](#) project in which LIBER was [involved](#), FIM4L started in 2019. (<http://fim4l.org>)
- FIM4L has involved people from related organizations including, besides a number of research related libraries, [AARC](#), [GÉANT](#), [REFEDS](#) and [NRENs](#).
- The group currently has about 60 members globally, including participants from Europe, North America and Africa.
- FIM4L cooperates with the coalition for [Seamless Access](#).
- FIM4L is a [LIBER working group](#) since October 2019.
- FIM4L published [recommendations at fim4l.org](#)
- FIM4L recommendations are endorsed by: LIBER, CARL, CAUL and RLUK.



FIM4L

FIM4L Principles & Recommendations



Find the PDF at:
www.fim4l.org



FIM4L Principles & Recommendations

Principle 4: Authentication

There are two recommended options for authentication attributes. If the purpose of the service is to recognize returning users, so it can present personalized features such as saved searches, profile-based recommendations for reading articles, etc, then Personalized Access is recommended for providing these options to users.

TRANSITORY ACCESS (4.A)

Holds the highest level of privacy.

The publisher only requires a transient identifier: "privacy star". During a session the user is identified by a transient identifier (NameID) containing a unique alphanumeric string, for a certain Service Provider (SP). If the user logs in again, a new transient identifier will be generated.

This allows for maximum privacy. It doesn't allow the publisher to recognize a returning customer, which makes it impossible to know what resource is downloaded by the same user.

In exceptional cases, for example where misconduct is suspected, users could be identified if libraries (IdPs) have configured their systems to allow for a thorough investigation of log files, and if libraries are willing to carry out this investigation.

PERSONALIZED ACCESS (4.B)

Maintains a high level of privacy based on a pseudonym, and more user information and tracking can be added.

The publisher requires a persistent but targeted identifier: "personalisation and subject tracking possible". A persistent identifier (ID) contains a unique alphanumeric string, such as the transient one, identifying the user for a specific SP, but persisting over multiple sessions. The same ID is then used for the same user on every authentication.

This is an option for services that have a need to recognize returning customers.

It will give the user options for personalized features such as saved searches, profile-based recommendations for reading articles, etc

For both privacy preferences, the service provider can require extra non-identifiable information.

Two options:

4.A. Transitory Access - This access holds the highest level of privacy.

4.B. Personalized Access - Maintains a high level of privacy based on a pseudonym, and more user information and tracking can be added.



FIM4L.org

Thank you!

FIM4L LIBER working group: <https://libereurope.eu/strategy/research-infrastructures/fim4l/>

FIM4L email list: <https://lists.daasi.de/listinfo/fim4l>

FIM4L website: www.fim4l.org

