

## Trust & Identity Incubator

### eduGAIN Service Catalogue

### Public Sprint Demo

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Public

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## Introduction

### eduGAIN service Catalogue

- Enable **institutions** within national federations to learn about the properties of services.
- May help institutions to make more informed decisions on allowing access to a service by their users.
- E.g., attribute requirements, licensing, IPR and data protection



## Concepts - “Curated Metadata”

eduGAIN has base level of metadata per service, however:

- Not user friendly
- Often incomplete

We enhance this using “Curated Metadata”:

extra information provided **by Service Operators**

- Centrally provided form w/ per SP access control
- Stored by the Catalogue
- Maintained by Service Operators
- Automatically linked eduGAIN ↔ Curated Metadata
- Published with the blessing of the national federation?



## Attributes selected for our white label catalogue

- Service name
- Description
- Registrar\*
- Logo
- Access URL (entityID as default)
- Service provider
- Status\*
- Service category
- Contacts
- More service info
- Privacy policy
- Used SAML attributes (requested and required)
- License info\*
- Since (first seen)
- Last updated



## New fields to be proposed and discussed

### Prioritised common UI features

New fields - nice to have; need extra metadata, curation or external sources

- Access URL (real one, not entityID URL)
- Status (beyond <http://macedir.org/entity-category>)
- Service category
- GDPR-safe
- Target users
- License info
- Hotness (eduGAIN F-ticks?)
- Sourced from

### Prioritised UI features (MoSCoW)

- Show SP logo
- Sort by column, if meaningful for the column
- Search/filter
- Expand details
- API/JSON, link to the existing JSON
- Multilingual UI
- Show eduGAIN mark, configurable (for national catalogues)
- Multilingual data where available, auto-translation for some fields

### Could, Would and Nos

- Tools or links external resources
- Details page
- Paging
- Combine with other resources (tools)
- Integrated login
- Service registration procedures for SPs
- Download filtered list



## Curating (meta)data

- Is potentially very labour intensive
- Is mostly in the interest of the service (to improve uptake)
- Is best done by the service

How can we get SPs to provide curated data?

Proposed model:

- Any federation that exports SPs to eduGAIN will ask these SPs to provide the agreed-upon data.
- This activity provides a flow and form for that and will record the curated data in the catalogue.
- Federations may run a catalogue to present this data alongside SAML metadata-based information.



## Concepts - “Catalogue Exchange”

Next to presenting the catalogue for eduGAIN, allow national federations to run their own local catalogue

- Assume minimal operational capabilities
- Consume curated data for eduGAIN services
- Support federations who already have a catalogue

Therefore:




























- White label, lightweight, ‘Plain HTML’ catalogue (inspired by IDEM)
- A GUI for SPs to add curated data
- An API for federations that already have a catalogue



# White label catalogue demo

Hello Catalog!

Search:

	Service Name	Service Provider
	SP [TigerFed]	SP [TigerFed]
	Zoom Video Conference	Identity proxy for zoom
	LMS-TIGERFed	LMS-TIGERFed
	CODAES	Comunidades Digitales para el Aprendizaje en Educación Superior
	CSTCloud Online Service	CSTCloud Online Service
	fenqubiao	fenqubiao
	https://sp.foxitsoftware.cn/shibboleth	Foxit Software
	https://fso.cnki.net/shibboleth	Tongfang Knowledge Network Technology
	https://scifundsp.wanfangdata.com.cn/shibboleth	wanfangdata
	https://shibboleth.wanfangdata.com.cn/shibboleth	wanfangdata
	Clarivate Analytics SP (Web of Knowledge & EndNote Web)	Clarivate Analytics
	https://shib.rsc.org/shibboleth	Royal Society of Chemistry
	https://shib.rsc-uat.org/shibboleth	Royal Society of Chemistry Test System
	ProQuest Test	ProQuest LLC
	ProQuest PROD SP	ProQuest LLC
	Ovid	Ovid Technologies, Inc
	IOPscience	IOPscience
	Atypon SP	Atypon SP
	Karger Publishers	Karger Publishers
	SPIE - International Society for Optics and Photonics	Society of Photo-Optical Instrumentation Engineers
	Oxford University Press - Shibboleth 2 SP Sigma Test	Semantico Limited
	Wolters Kluwer OneID (int)	Wolters Kluwer United States Inc
	EGI Check-in Service	EGI Foundation
	https://shibboleth.highwire.org/entity/secure-sp	HighWire Press Online
	BioOne Complete	Society of Photo-Optical Instrumentation Engineers
	KIF Filesender (in English)	KIF Filesender
	Albanian Academic Network - RASH	RASH EDUID

Showing 1 to 3,240 of 3,240 entries



## eduGAIN Service Catalogue

-  Extensive work on codebase - working prototype
-  Highly detailed work on Curated Metadata - shortlisted

 No blocks!

 Many smiles!

 No unhappiness!



## Open Questions

- Do you consider the model where SPs provide curated data via a form as viable?
- Would you as a fed ops be willing to “chase” the SPs?
- Should we allow inclusion of information typically found in SAML metadata if that is missing from metadata?
- What critical information did we miss so far which \*must\* be in the catalogue?
- Is a generic catalogue you can roll nationally and customize yourself appealing? Would you deploy that?

# Thank you

Any questions?

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