Trust & Identity Incubator

eduGAIN Service Catalogue

Public Sprint Demo

June 2021

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
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

Coulds, Woulds 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.
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
# Hello Catalog!

<table>
<thead>
<tr>
<th>Service Name</th>
<th>Service Provider</th>
</tr>
</thead>
<tbody>
<tr>
<td>Zoom Video Conference</td>
<td>Identity proxy for zoom</td>
</tr>
<tr>
<td>LMS-TIGERFed</td>
<td>LMS-TIGERFed</td>
</tr>
<tr>
<td>COBASE</td>
<td>Comunidades Digitales para el Aprendizaje en Educacion Superior</td>
</tr>
<tr>
<td>CISTGrid Online Service</td>
<td>CISTGrid Online Service</td>
</tr>
<tr>
<td>JumboBiz</td>
<td>JumboBiz</td>
</tr>
<tr>
<td><a href="https://app.fsfsoftware.com/kbhbioebich">https://app.fsfsoftware.com/kbhbioebich</a></td>
<td>Point Software</td>
</tr>
<tr>
<td><a href="https://www.cki.net/kbhbioebich">https://www.cki.net/kbhbioebich</a></td>
<td>Terifying Knowledge Network Technology</td>
</tr>
<tr>
<td><a href="https://kbhbioebich.washtechplata.com/kbhbioebich">https://kbhbioebich.washtechplata.com/kbhbioebich</a></td>
<td>washtechplata</td>
</tr>
<tr>
<td><a href="https://kbhbioebich.washtechplata.com/kbhbioebich">https://kbhbioebich.washtechplata.com/kbhbioebich</a></td>
<td>washtechplata</td>
</tr>
<tr>
<td>Clarivate Analytics SP (Web of Knowledge &amp; EndNote Web)</td>
<td>Clarivate Analytics</td>
</tr>
<tr>
<td><a href="https://www.bi.nlm.nih.gov/pubmed">https://www.bi.nlm.nih.gov/pubmed</a></td>
<td>Royal Society of Chemistry</td>
</tr>
<tr>
<td>ProQuest Test</td>
<td>ProQuest LLC</td>
</tr>
<tr>
<td>ProQuest PROD SP</td>
<td>ProQuest LLC</td>
</tr>
<tr>
<td>Ovid</td>
<td>Ovid Technologies, Inc</td>
</tr>
<tr>
<td>IFBlueScience</td>
<td>IFBlueScience</td>
</tr>
<tr>
<td>Atopen SP</td>
<td>Atopen SP</td>
</tr>
<tr>
<td>Springer</td>
<td>Springer</td>
</tr>
<tr>
<td>Springer</td>
<td>Springer</td>
</tr>
<tr>
<td>IOPscience</td>
<td>IOPscience</td>
</tr>
<tr>
<td>Wohlers Kluwer Ovid (incl)</td>
<td>Wohlers Kluwer United States (incl)</td>
</tr>
<tr>
<td>EGI Check-in Service</td>
<td>EGI Foundation</td>
</tr>
<tr>
<td><a href="https://kbhbioebich.fibiresearch.org/europa-egi">https://kbhbioebich.fibiresearch.org/europa-egi</a></td>
<td>HighWire Press Online</td>
</tr>
<tr>
<td>BioOne Complete</td>
<td>Society of Photo-Optical Instrumentation Engineers</td>
</tr>
<tr>
<td>KEP Fisemester (in English)</td>
<td>KEP Fisemester</td>
</tr>
<tr>
<td>Alemannic Academic Network - RASH</td>
<td>Alemannic Academic Network - RASH</td>
</tr>
</tbody>
</table>

Showing 1 to 5,240 of 5,240 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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