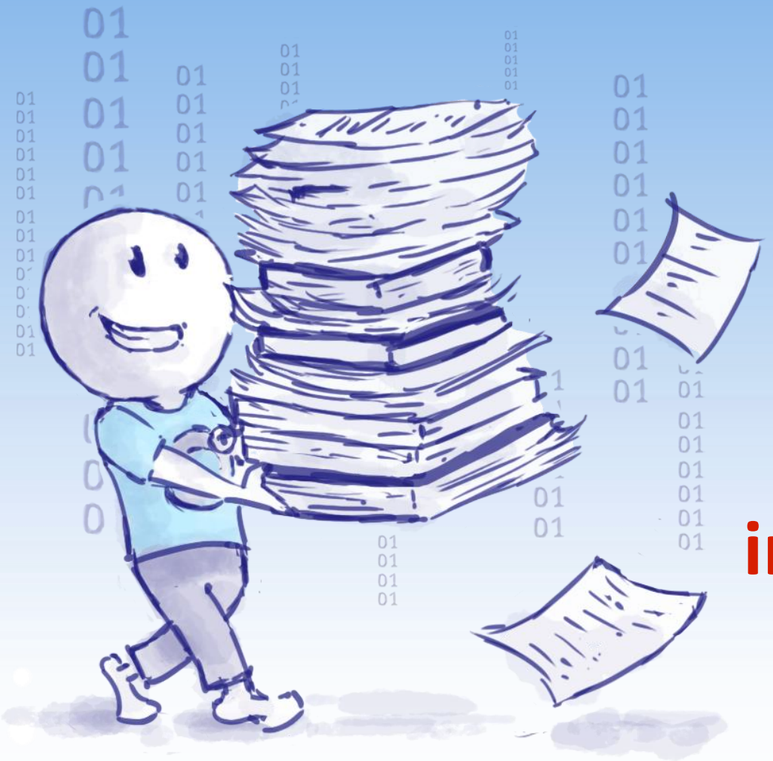
11th Community Call

OPENAIRE CONTENT PROVIDERS MANAGERS



Relevant updates on the OpenAIRE infrastructure

impact on the activity of data sources that are using the OpenAIRE services

OpenAIRE

European Commission

03/02/2021

@openaire_eu

AGENDA:

1) OpenAIRE Provide updates

2) Main topic for discussion

- Novelties: slides + demo
  - New approach to deliver the Broker events)
  - ORCID events (how they are presented)
  - API gateway
  - Dismiss of OAI-PMH
  - Updates on the Guidelines

3) Questions & comments

Notes & Agenda ⇨ https://bit.ly/2rTgJwy

OpenAIRE

European Commission

www.openaire.eu/provide-community-calls

OpenAIRE PROVIDE – recent news & reminders

Broker events

In production

New way to deliver events:

- ORCIDs events in place

Last time events were generated: 2020-12-16

Guidelines

FAIR indicators (RDA) implementation in the Validator

- ongoing work

User Interface

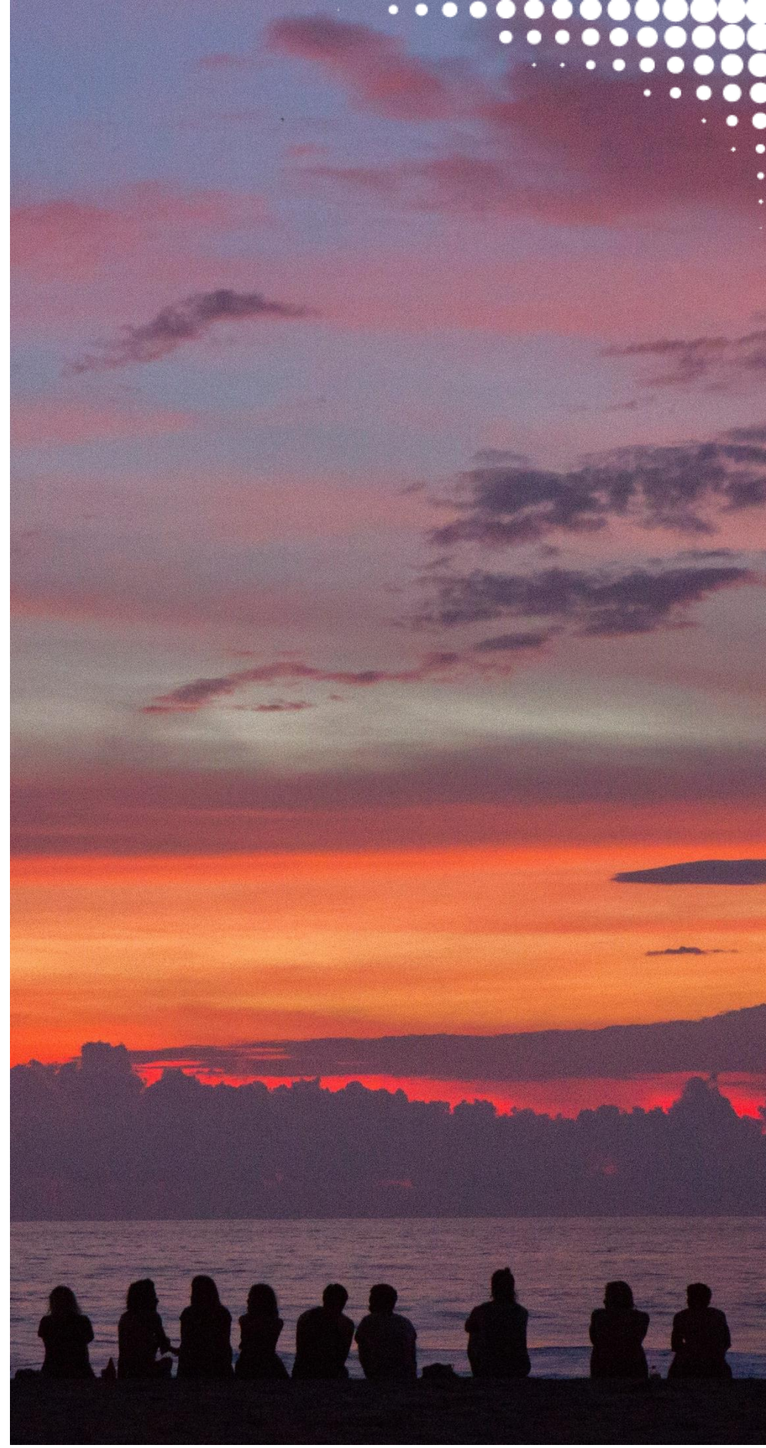
Some minor updates

Be aware, finally we are progressing with the multiuser access (novelties in March)

OAI-PMH endpoint

Will be shutting down at the end of April 2021

For bulk consumption of the Research Graph use the json dumps available on Zenodo.

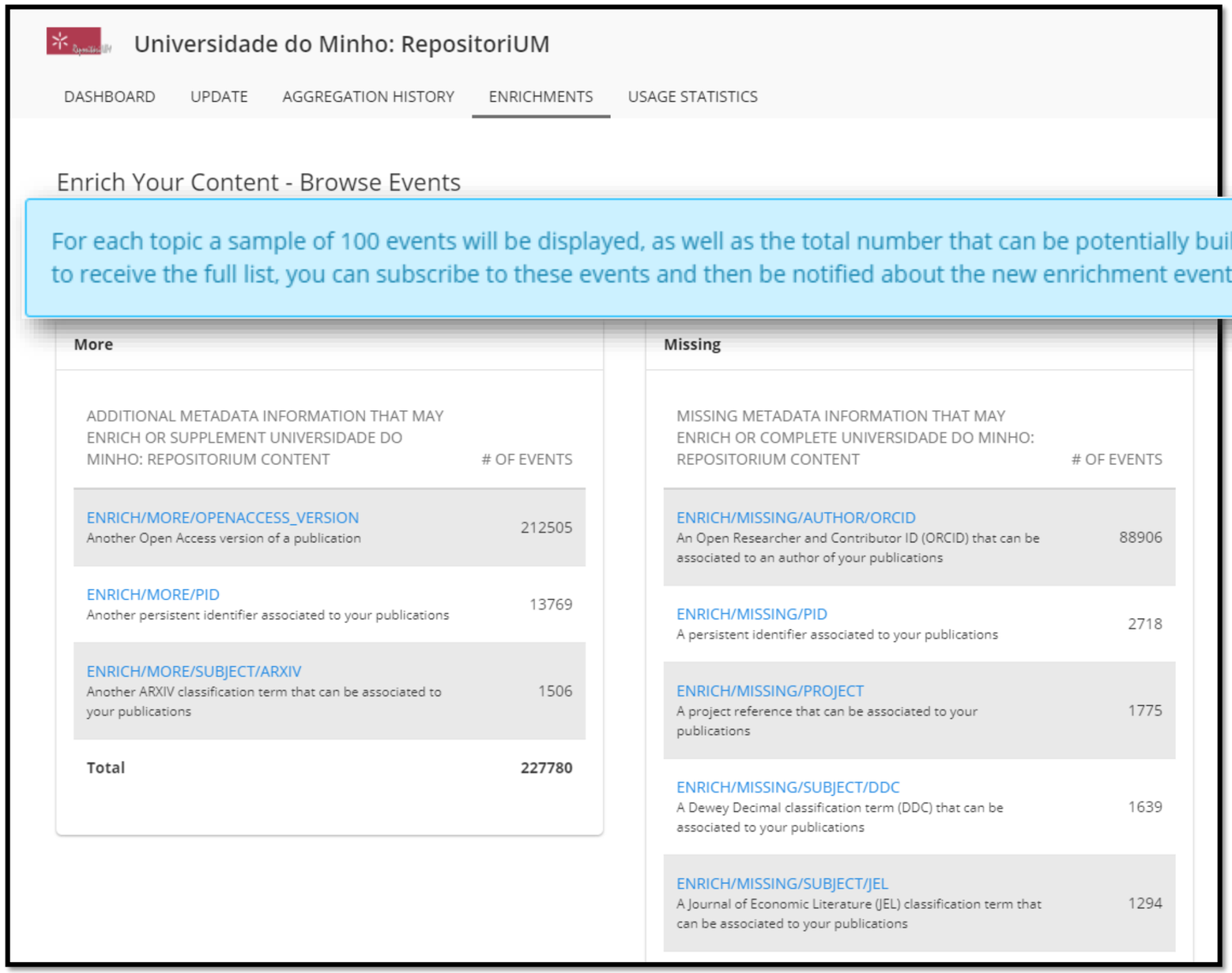


Broker Service

- ✓ new approach to deliver events

OpenAIRE Catch-all Notification Broker Service

Broker – new approach to deliver events



Universidade do Minho: RepositoriUM

DASHBOARD | UPDATE | AGGREGATION HISTORY | ENRICHMENTS | USAGE STATISTICS

Enrich Your Content - Browse Events

For each topic a sample of 100 events will be displayed, as well as the total number that can be potentially built for your data source. If you are interested to receive the full list, you can subscribe to these events and then be notified about the new enrichment events.

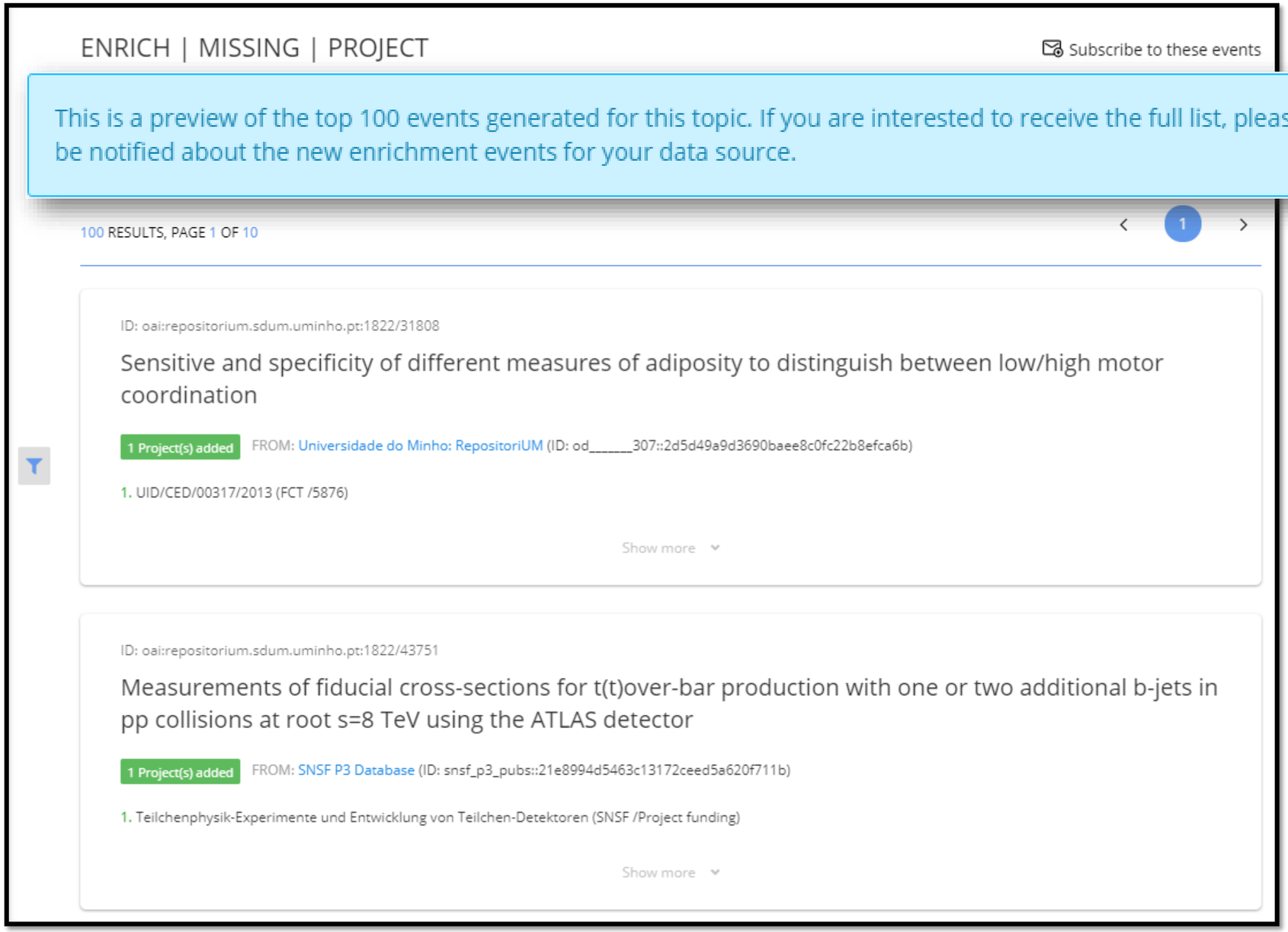
More

ADDITIONAL METADATA INFORMATION THAT MAY ENRICH OR SUPPLEMENT UNIVERSIDADE DO MINHO: REPOSITORIUM CONTENT	# OF EVENTS
ENRICH/MORE/OPENACCESS_VERSION Another Open Access version of a publication	212505
ENRICH/MORE/PID Another persistent identifier associated to your publications	13769
ENRICH/MORE/SUBJECT/ARXIV Another ARXIV classification term that can be associated to your publications	1506
Total	**227780**

Missing

MISSING METADATA INFORMATION THAT MAY ENRICH OR COMPLETE UNIVERSIDADE DO MINHO: REPOSITORIUM CONTENT	# OF EVENTS
ENRICH/MISSING/AUTHOR/ORCID An Open Researcher and Contributor ID (ORCID) that can be associated to an author of your publications	88906
ENRICH/MISSING/PID A persistent identifier associated to your publications	2718
ENRICH/MISSING/PROJECT A project reference that can be associated to your publications	1775
ENRICH/MISSING/SUBJECT/DDC A Dewey Decimal classification term (DDC) that can be associated to your publications	1639
ENRICH/MISSING/SUBJECT/JEL A Journal of Economic Literature (JEL) classification term that can be associated to your publications	1294

Broker – new approach to deliver events



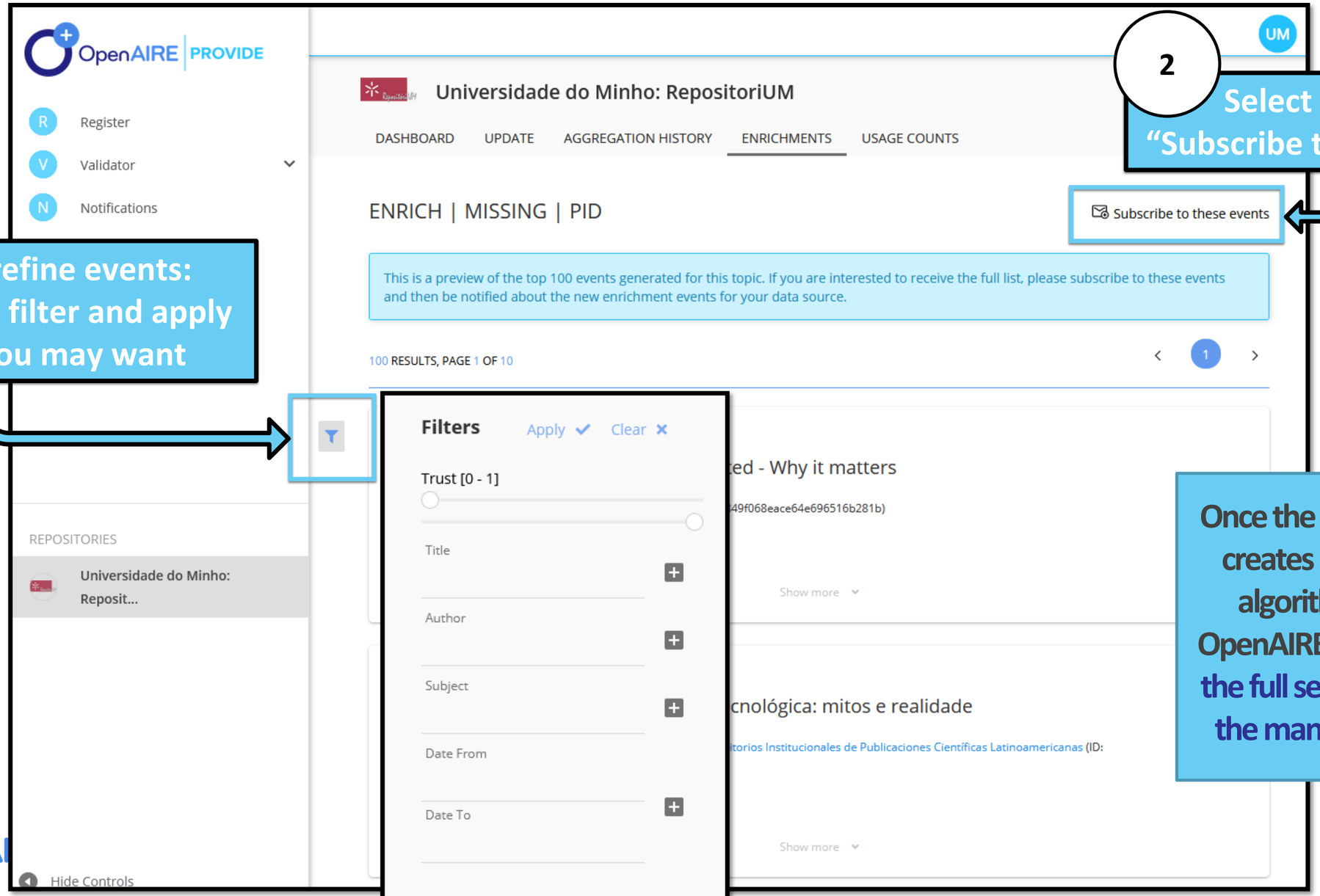
Broker – How to create subscriptions

STEPS:

Go to the menu: Enrichments

- **Browse events:** choose from the list (more or missing metadata), the events from which you want to receive notifications
- **Tweak and refine events:**
  Click on broker filter and apply the filters you may want
- Select the option
  “Subscribe to these events”

Broker – How to create subscriptions



1

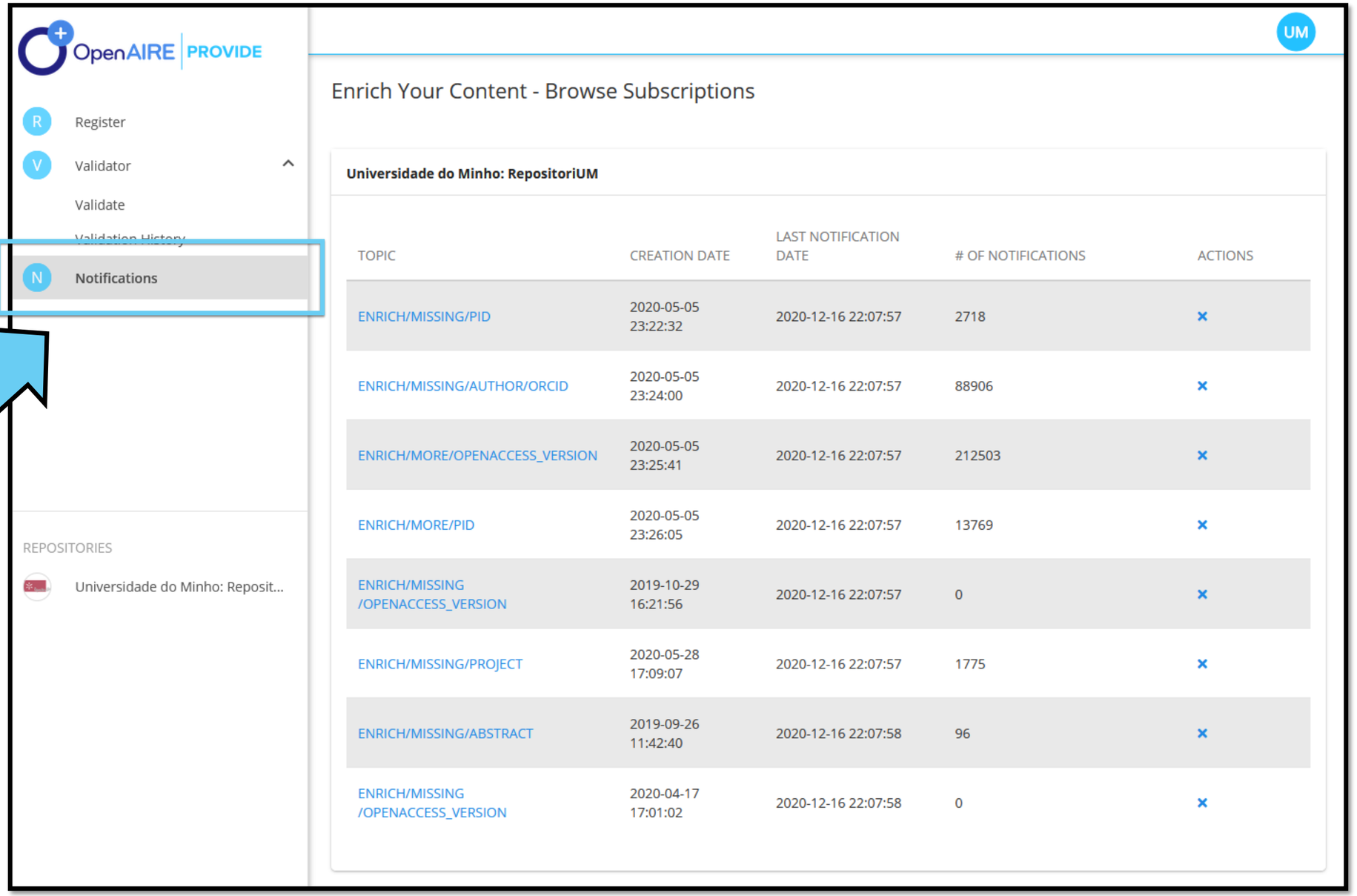
Tweak and refine events: Click on broker filter and apply the filters you may want

2

Select the option "Subscribe to these events"

Once the repository manager creates a subscription, the algorithm analyzing the OpenAIRE Graph will produce the full set of enrichments for the manager's data source.

Broker – Browse Subscriptions



Enrichments will be made available as notifications in the menu "Notifications" as well as through the Broker service API for programmatic access.

Notifications will be sent to subscribers every time the OpenAIRE Graph will be updated and analyzed to derive the enrichments.

Broker – ORCDIs events

ID: oai:repositorium.sdum.uminho.pt:1822/43743

Study of the rare decays of Bs0 and B0 into muon pairs from data collected during the LHC Run 1 with the ATLAS detector

1 author ORCID(s) added FROM: ORCID (ID: doiboost____::17763268debdc8147da4c74d70271433)

1. Tomáš Sýkora **(0000-0001-9585-7215)**

Show less

Author(s): Onofre, A. **()** | Castro, Nuno Filipe Silva Fernandes **()** | ATLAS Collaboration **()** | Miroslav Hrabovsky **(0000-0003-4223-7316)** | Mazuza Ghneimat **(0000-0002-4931-2764)** | Muhammad Alhroob **(0000-0001-7569-7111)** | Giuseppe Avolio **(0000-0003-2664-3437)** | Riccardo Maria Bianchi **(0000-0001-7345-7798)** | Esteban Fullana Torregrosa **(0000-0003-3082-621X)** | Sau Lan Wu **(0000-0001-5866-1504)** | Stefano Zambito **(0000-0002-4499-2545)** | Lailin Xu **(0000-0001-8997-3199)** | Pierre-Antoine Delsart **(0000-0002-9556-2924)** | Anthony Morley **(0000-0003-0373-1346)** | Laura Fabbri **(0000-0002-4002-8353)** | Marija Vranjes Milosavljevic **(0000-0003-4477-9733)** | Melissa Ridel **(0000-0002-2601-7420)** | Andrzej Olszewski **(0000-0003-3368-5475)** | Liang Li **(0000-0001-6411-6107)** | Tamara Vazquez Schroeder **(0000-0002-9780-099X)** | Luis Roberto Flores Castillo **(0000-0003-1551-5974)** | William Fawcett **(0000-0003-2596-8264)** | Tomáš Sýkora **(0000-0001-9585-7215)**

PID(s): 10.1140/epjc/s10052-016-4338-8 **(doi)**

Abstract(s):
A study of the decays B0s→μ+μ− and B0→μ+μ− has been performed using data corresponding to an integrated luminosity of 25 fb−1 of 7 and 8 TeV proton–proton collisions collected with the ATLAS detector during the LHC Run 1. For the B0 dimuon decay, an upper limit on the branching fraction is set at B(B0→μ+μ−)<4.2×10−10 at 95 % confidence level. For B0s, the branching fraction B(B0s→μ+μ−)=(0.9+1.1−0.8)×10−9 is measured. The results are consistent with the Standard Model expectation with a p value of 4.8 %, corresponding to 2.0 standard deviations. - We thank CERN for the very successful operation of the LHC, as well as the support staff from our institutions without whom ATLAS could not be operated efficiently. We acknowledge the support of ANPCyT, Argentina; YerPhI, Armenia; ARC, Australia; BMWFW and FWF, Austria;
View more...

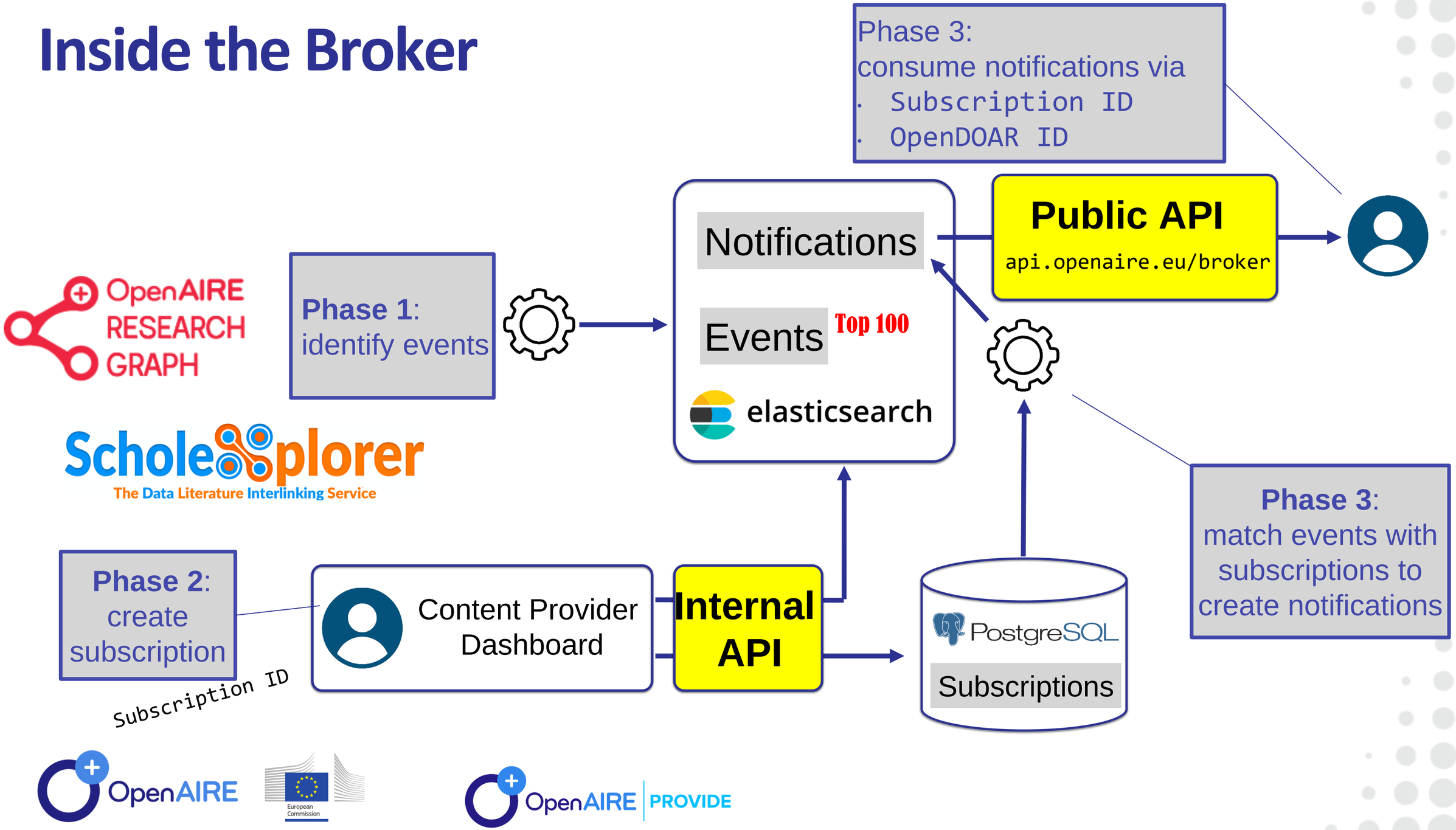
Subject(s): :Ciências Físicas [Ciências Naturais] | Science & Technology

Publication date(s): 2016-01-01

Rights: OPEN **Universidade do Minho: RepositoriUM** - http://hdl.handle.net/1822/43743

All the identified ORCIDs of a publication are shown next to the author's name

Inside the Broker



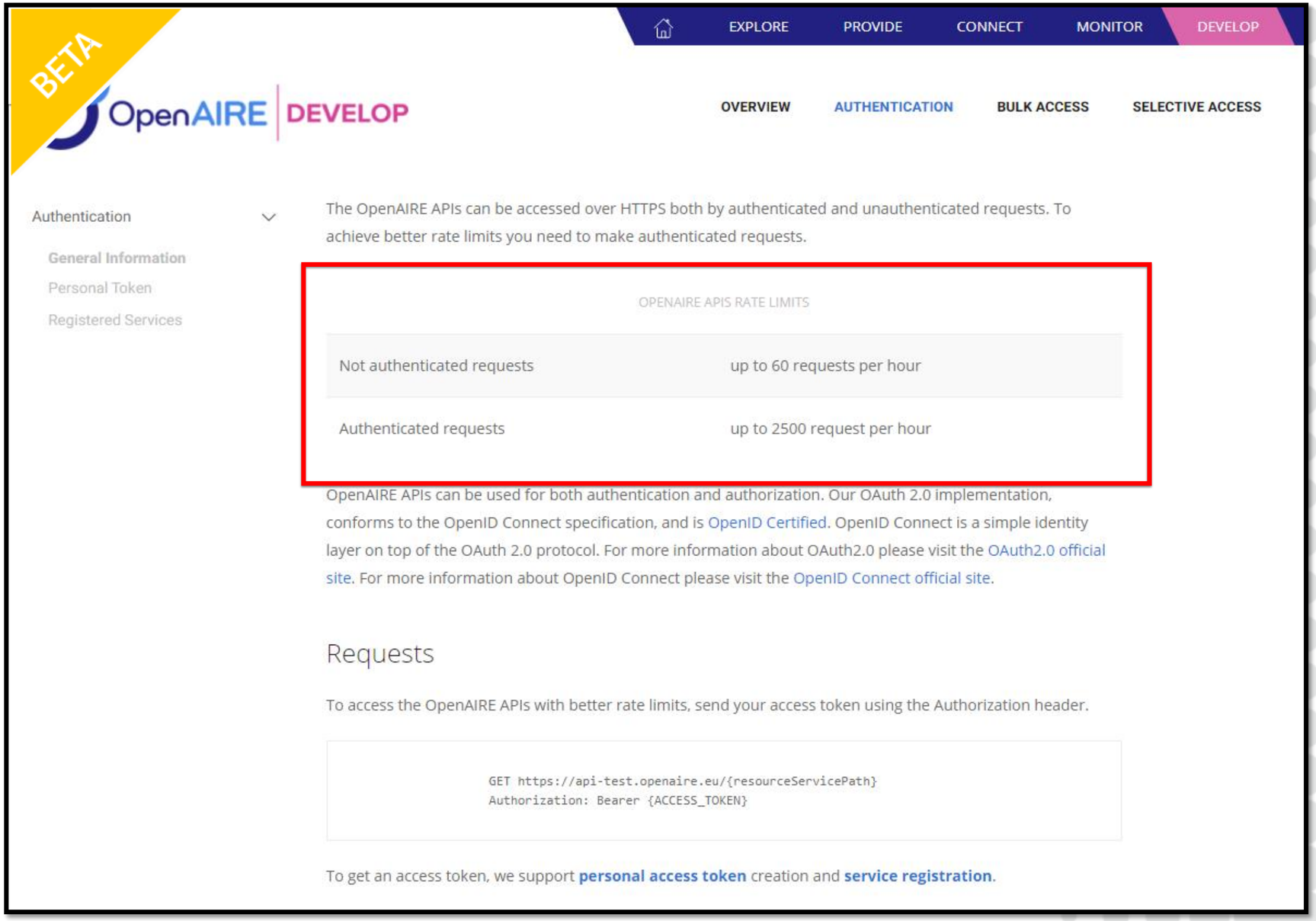
API Gateway

OpenAIRE API Gateway

New gateway to deliver the APIs that allows selective access to the metadata records of the OpenAIRE Research Graph.

The OpenAIRE APIs will be accessed over HTTPS both by authenticated and unauthenticated requests, however to achieve better rate limits developers need to make authenticated requests.

In practice, if the developer has a service that wants to interact with the OpenAIRE APIs, a registration will be needed.



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Content Provider Guidelines - Updates

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Content Provider Guidelines - Updates

UNIBI

Andreas Czerniak
Jochen Schirrwagen
Bielefeld University

OpenAIRE-Advance | FEB 2021

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FROM Guidelines for Data Providers
TO **Guidelines for Open Science Content Providers**

RESEARCH LITERATURE

Thematic Repositories

Institutional Repositories

E-journals

RESEARCH SOFTWARE

Software Repositories

Catch-all Repositories

RESEARCH DATA

Data Repositories

Catch-all Repositories

Institutional & thematic repositories

OTHER RESEARCH PRODUCTS

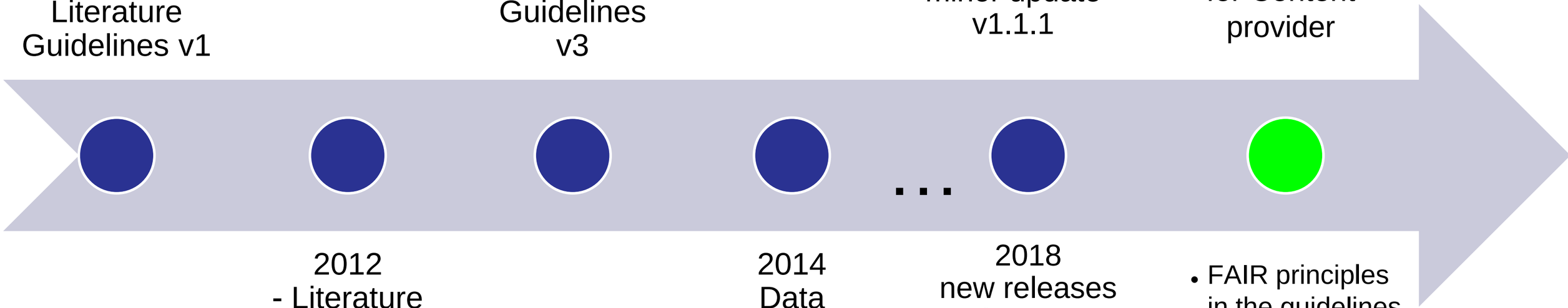
Catch-all Repositories

RESEARCH INFORMATION

CRIS

https://guidelines.openaire.eu

Evolution of the OpenAIRE-Guidelines - and further perspective



Towards FAIR principles

in the OpenAIRE Content Provider Guidelines

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Towards FAIR principles in the OpenAIRE Content Provider Guidelines

⇒ objective of the guidelines (introduced in 2010) is to ensure that scholarly articles are

⇒ findable

⇒ accessible (for metadata, and for pdfs if OA)

⇒ interoperable

⇒ reusable (like citable)

FAIR is one fundament of our Content Provider Guidelines

⇒ Reflection of the FAIR elements in the guidelines

⇒ Examination of FAIR elements in the validator

Fundamental

OpenAIRE Content Provider Guidelines

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Towards a foundation for the OpenAIRE Content Provider Guidelines

⇒ different Guidelines for repository and information system managers

- *institutional and thematic repositories*
- *data archive (updating is on-going to the newest DataCite schema)*
- *software archives*
- *other research products*

Establishing a fundamental basis for the OpenAIRE guidelines

- harmonization
- simplification

- by re-using existing standards (Dublin Core, DataCite)
- by re-using vocabularies and extending them when necessary

Integration of repositories and information systems

Institutional & Thematic, CRIS

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Integration of repositories and research information systems

⇒ *compliant with **Guidelines for institutional and thematic repository managers** 4.0 [aka Literature guidelines v4] (https://doi.org/10.5281/zenodo.1299203) ?*

⇒ *compliant with **Guidelines for CRIS managers** v1.1.1 (https://doi.org/10.5281/zenodo.2316420) ?*

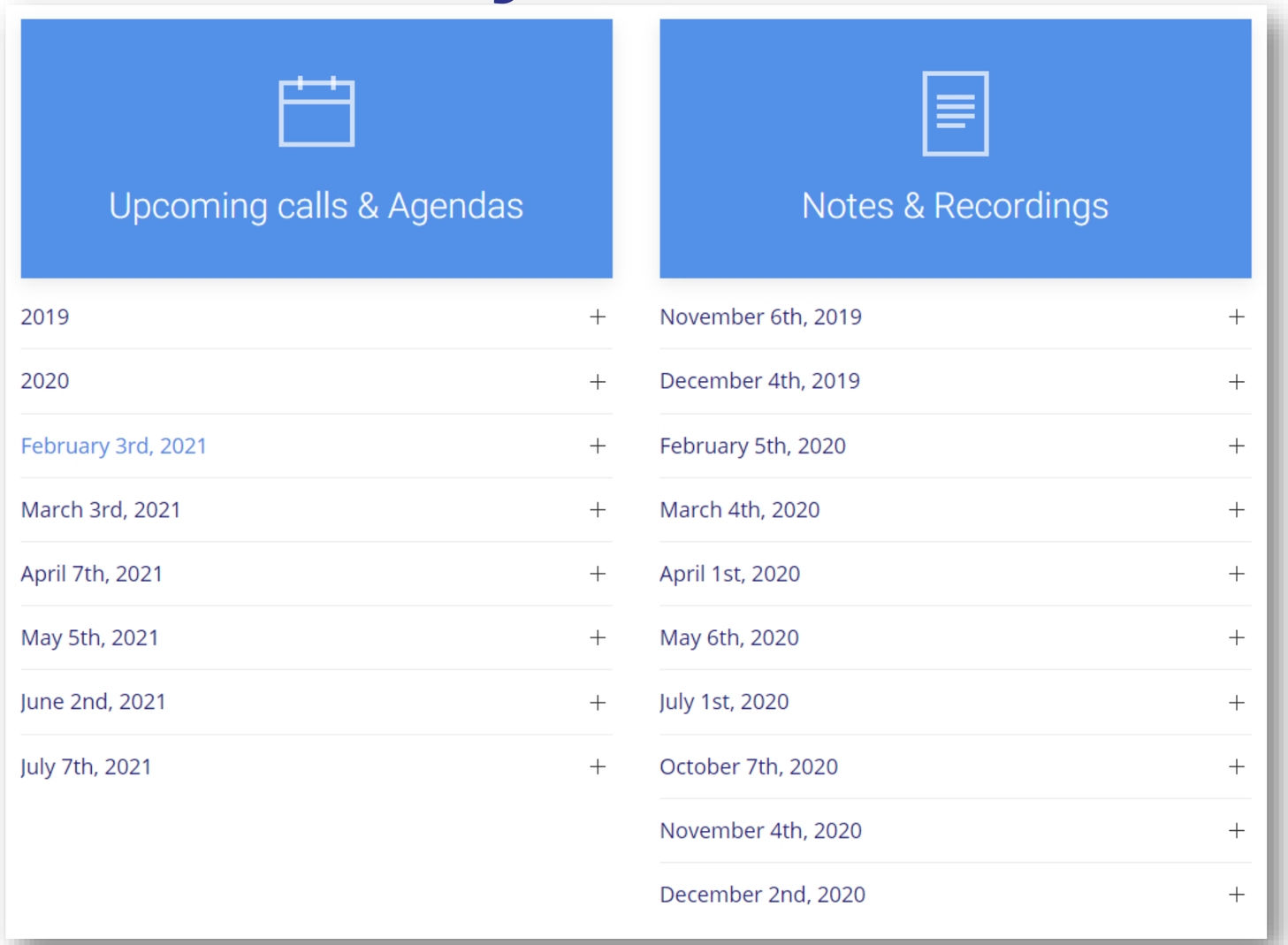
contact us for integration

Integration of repositories and research information systems in EOSC

⇒ on-boarding process for the EOSC

make your research visible to the

Community Calls



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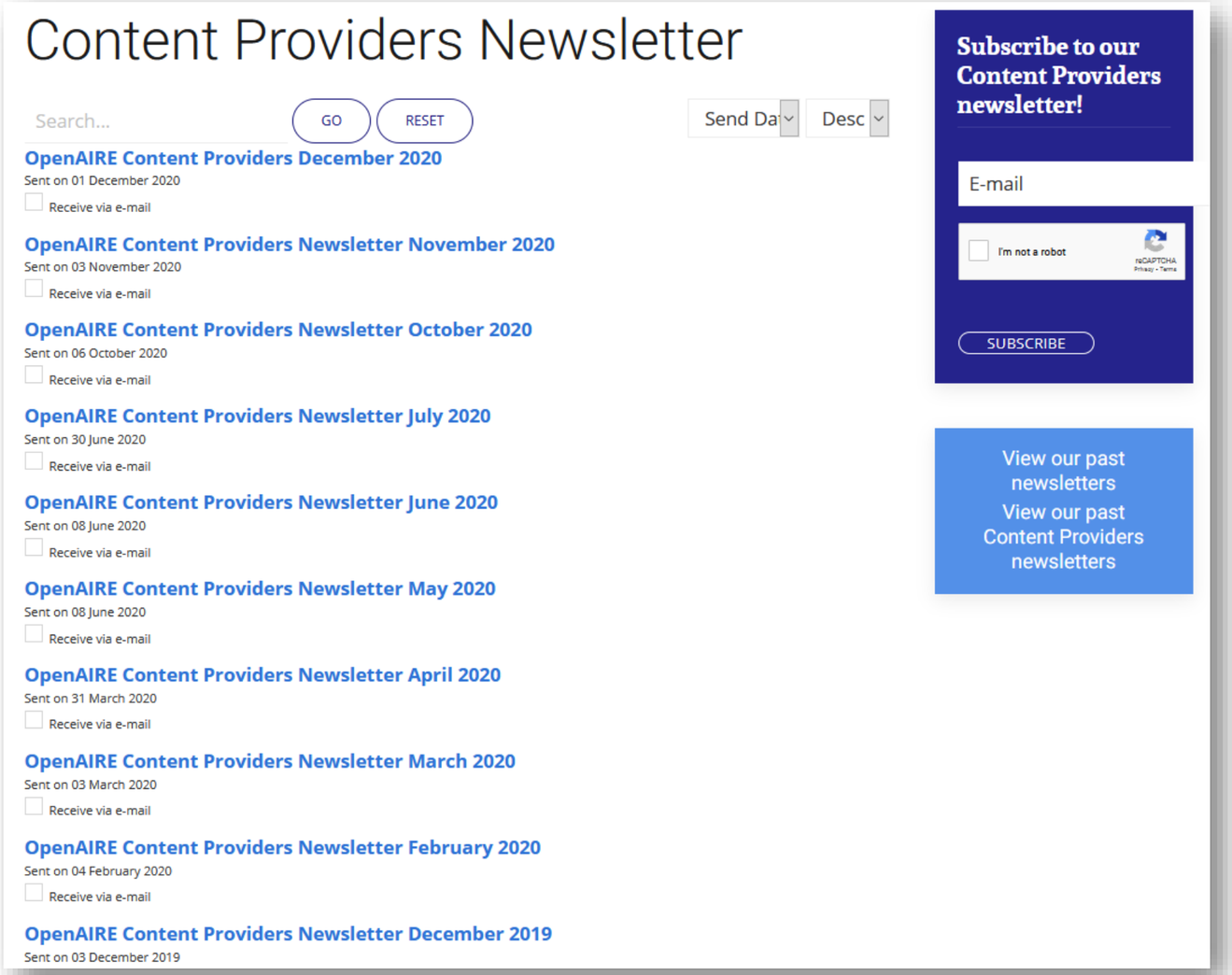

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