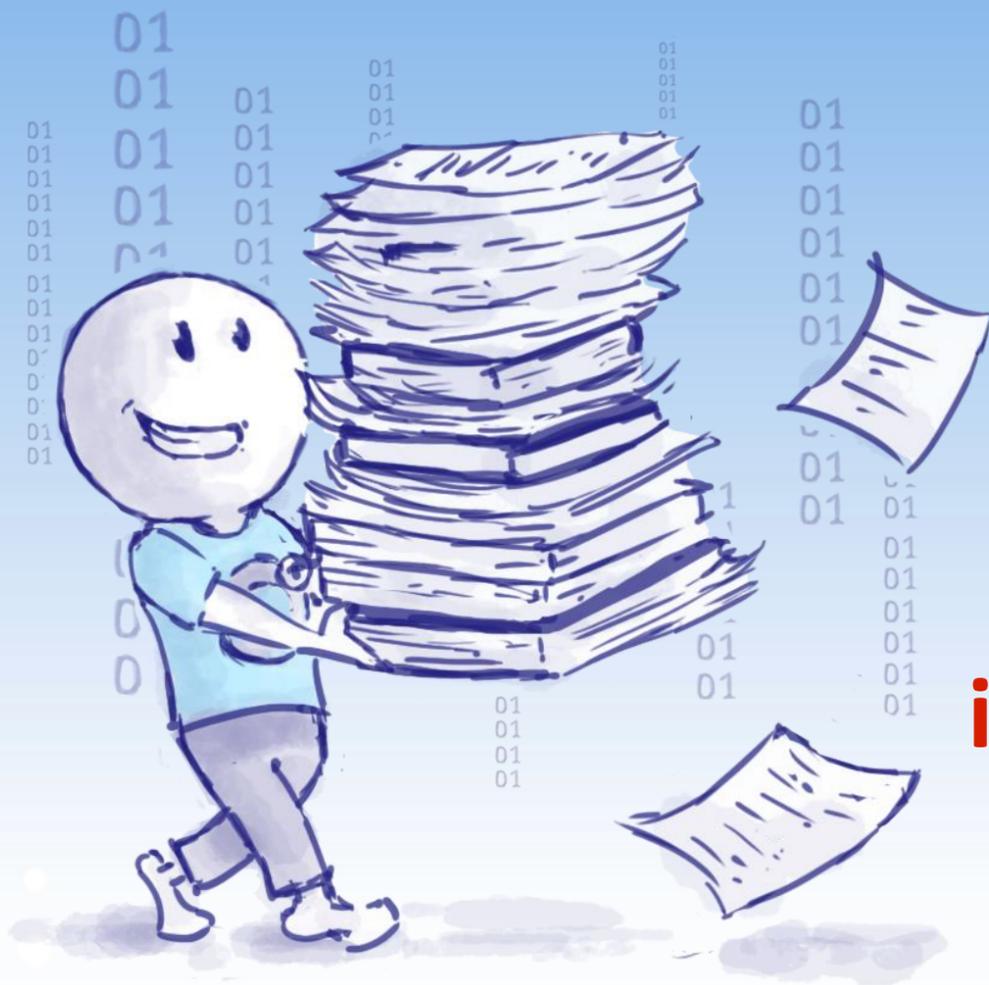


11th Community Call

OPENAIRE CONTENT PROVIDERS MANAGERS

**Relevant updates on the
OpenAIRE infrastructure**

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



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 PROVIDE – recent news & reminders

Broker events

In production

New way to deliver events:

- ORCID events in place

Last time events were generated: 2020-12-16

User Interface

Some minor updates

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

Guidelines

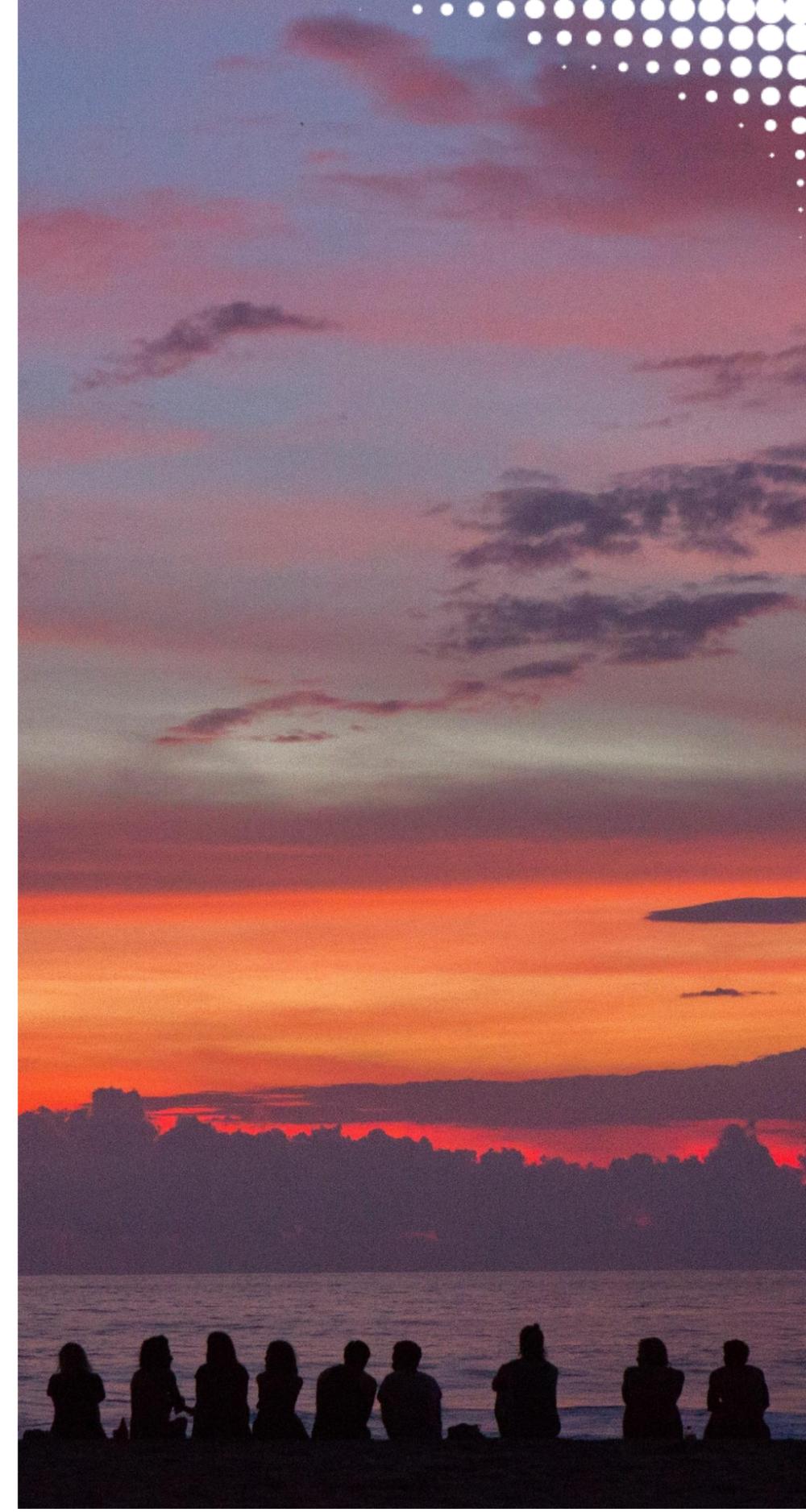
FAIR indicators (RDA) implementation in the Validator

- ongoing work
-

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		Missing	
ADDITIONAL METADATA INFORMATION THAT MAY ENRICH OR SUPPLEMENT UNIVERSIDADE DO MINHO: REPOSITORIUM CONTENT	# OF EVENTS	MISSING METADATA INFORMATION THAT MAY ENRICH OR COMPLETE UNIVERSIDADE DO MINHO: REPOSITORIUM CONTENT	# OF EVENTS
ENRICH/MORE/OPENACCESS_VERSION Another Open Access version of a publication	212505	ENRICH/MISSING/AUTHOR/ORCID An Open Researcher and Contributor ID (ORCID) that can be associated to an author of your publications	88906
ENRICH/MORE/PID Another persistent identifier associated to your publications	13769	ENRICH/MISSING/PID A persistent identifier associated to your publications	2718
ENRICH/MORE/SUBJECT/ARXIV Another ARXIV classification term that can be associated to your publications	1506	ENRICH/MISSING/PROJECT A project reference that can be associated to your publications	1775
Total	227780	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

ENRICH | MISSING | PROJECT

 Subscribe to these events

This is a preview of the top 100 events generated for this topic. If you are interested to receive the full list, please subscribe to these events and then be notified about the new enrichment events for your data source.

100 RESULTS, PAGE 1 OF 10

< 1 >

ID: oai:repositorium.sdum.uminho.pt:1822/31808

Sensitive and specificity of different measures of adiposity to distinguish between low/high motor coordination

1 Project(s) added FROM: [Universidade do Minho: RepositoriUM](#) (ID: od_____307::2d5d49a9d3690baee8c0fc22b8efca6b)

1. UID/CED/00317/2013 (FCT /5876)

Show more ▾

ID: oai:repositorium.sdum.uminho.pt:1822/43751

Measurements of fiducial cross-sections for $t(\bar{t})$ production with one or two additional b-jets in pp collisions at root $s=8$ TeV using the ATLAS detector

1 Project(s) added FROM: [SNSF P3 Database](#) (ID: snsf_p3_pubs::21e8994d5463c13172ceed5a620f711b)

1. Teilchenphysik-Experimente und Entwicklung von Teilchen-Detektoren (SNSF /Project funding)

Show more ▾

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”



OA Broker

Broker – How to create subscriptions

The screenshot shows the OpenAIRE PROVIDE interface for the 'Universidade do Minho: RepositoriUM'. The left sidebar contains navigation options: Register (R), Validator (V), and Notifications (N). The main content area has tabs for DASHBOARD, UPDATE, AGGREGATION HISTORY, ENRICHMENTS (selected), and USAGE COUNTS. Below the tabs, there are links for ENRICH | MISSING | PID. A text box states: 'This is a preview of the top 100 events generated for this topic. If you are interested to receive the full list, please subscribe to these events and then be notified about the new enrichment events for your data source.' Below this, it says '100 RESULTS, PAGE 1 OF 10'. A 'Filters' panel is open, showing options for Trust [0 - 1], Title, Author, Subject, Date From, and Date To. A 'Subscribe to these events' button is highlighted in the top right. A 'REPOSITORIES' list on the left shows 'Universidade do Minho: Reposit...'. The bottom left has a 'Hide Controls' button.

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

OpenAIRE PROVIDE

UM

Enrich Your Content - Browse Subscriptions

Universidade do Minho: RepositoriUM

TOPIC	CREATION DATE	LAST NOTIFICATION DATE	# OF NOTIFICATIONS	ACTIONS
ENRICH/MISSING/PID	2020-05-05 23:22:32	2020-12-16 22:07:57	2718	×
ENRICH/MISSING/AUTHOR/ORCID	2020-05-05 23:24:00	2020-12-16 22:07:57	88906	×
ENRICH/MORE/OPENACCESS_VERSION	2020-05-05 23:25:41	2020-12-16 22:07:57	212503	×
ENRICH/MORE/PID	2020-05-05 23:26:05	2020-12-16 22:07:57	13769	×
ENRICH/MISSING /OPENACCESS_VERSION	2019-10-29 16:21:56	2020-12-16 22:07:57	0	×
ENRICH/MISSING/PROJECT	2020-05-28 17:09:07	2020-12-16 22:07:57	1775	×
ENRICH/MISSING/ABSTRACT	2019-09-26 11:42:40	2020-12-16 22:07:58	96	×
ENRICH/MISSING /OPENACCESS_VERSION	2020-04-17 17:01:02	2020-12-16 22:07:58	0	×

REPOSITORIES

Universidade do Minho: Reposit...

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 – ORCDs events

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

Study of the rare decays of B_s^0 and B^0 into muon pairs from data collected during the LHC Run 1 with the ATLAS detector

1 author ORCID(s) added FROM: ORCID (ID: doi:10.1111/1751-2748.12143)

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 Ridet (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 $B_s^0 \rightarrow \mu^+ \mu^-$ and $B^0 \rightarrow \mu^+ \mu^-$ 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 B^0 dimuon decay, an upper limit on the branching fraction is set at $B(B^0 \rightarrow \mu^+ \mu^-) < 4.2 \times 10^{-10}$ at 95 % confidence level. For B_s^0 , the branching fraction $B(B_s^0 \rightarrow \mu^+ \mu^-) = (0.9^{+1.1}_{-0.8}) \times 10^{-9}$ 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...](#)

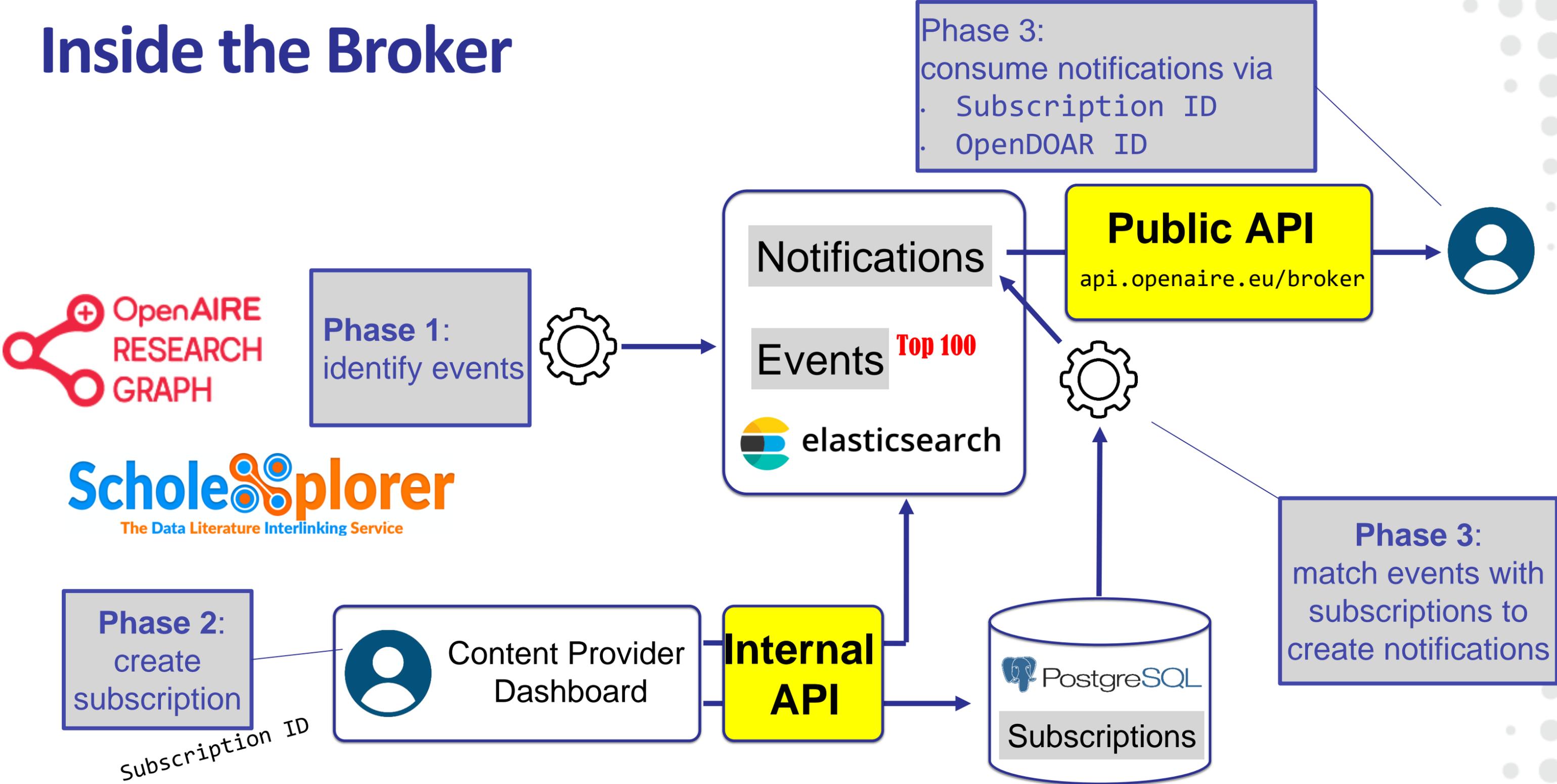
Subject(s): :Ciências Físicas [Ciências Naturais] | Science & Technology

Publication date(s): 2016-01-01

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

All the identified ORCID(s) 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.

BETA OpenAIRE | DEVELOP

EXPLORE PROVIDE CONNECT MONITOR DEVELOP

OVERVIEW AUTHENTICATION BULK ACCESS SELECTIVE ACCESS

Authentication

General Information
Personal Token
Registered Services

The OpenAIRE APIs can be accessed over HTTPS both by authenticated and unauthenticated requests. To achieve better rate limits you need to make authenticated requests.

OPENAIRE APIS RATE LIMITS	
Not authenticated requests	up to 60 requests per hour
Authenticated requests	up to 2500 request per hour

OpenAIRE APIs can be used for both authentication and authorization. Our OAuth 2.0 implementation, conforms to the OpenID Connect specification, and is [OpenID Certified](#). OpenID Connect is a simple identity layer on top of the OAuth 2.0 protocol. For more information about OAuth2.0 please visit the [OAuth2.0 official site](#). For more information about OpenID Connect please visit the [OpenID Connect official site](#).

Requests

To access the OpenAIRE APIs with better rate limits, send your access token using the Authorization header.

```
GET https://api-test.openaire.eu/{resourceServicePath}
Authorization: Bearer {ACCESS_TOKEN}
```

To get an access token, we support [personal access token](#) creation and [service registration](#).



OpenAIRE

Content Provider Guidelines - Updates

OpenAIRE

Content Provider Guidelines - Updates

UNIBI

Andreas Czerniak
Jochen Schirrwagen
Bielefeld University

OpenAIRE-Advance | FEB 2021



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

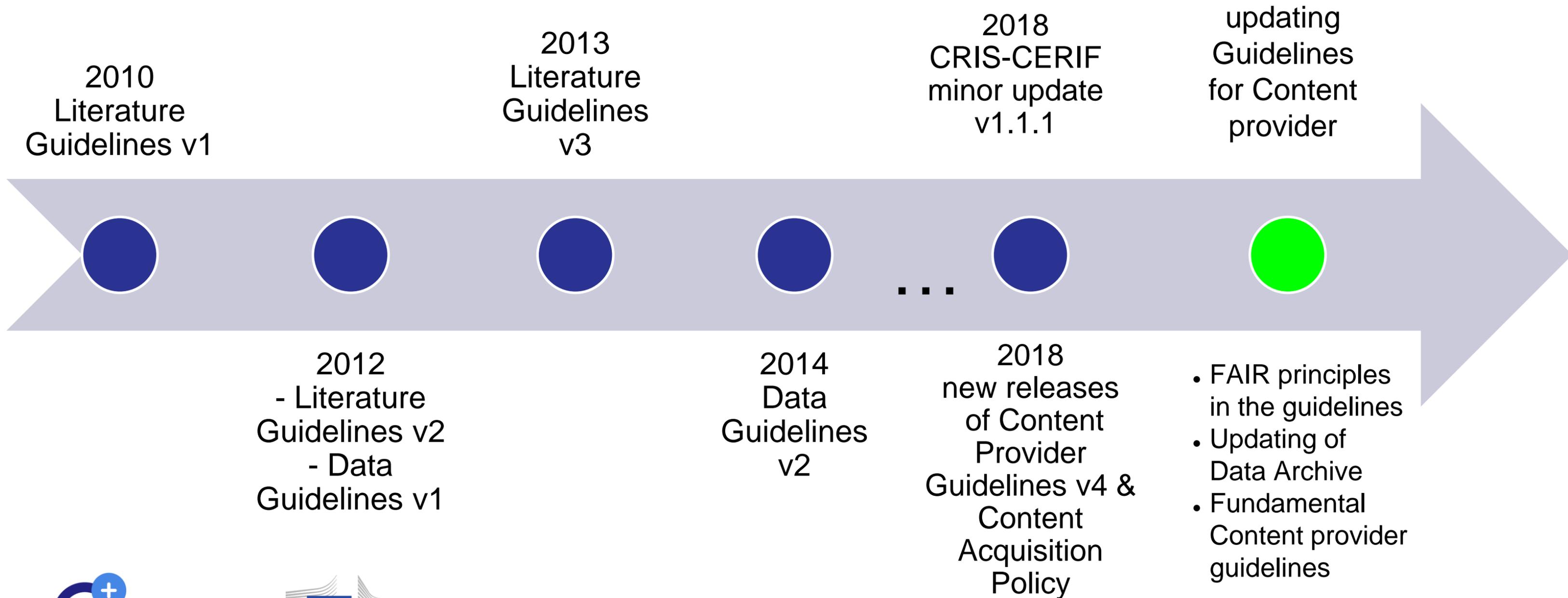
OTHER RESEARCH PRODUCTS

Catch-all Repositories

RESEARCH INFORMATION

CRIS

Evolution of the OpenAIRE-Guidelines - and further perspective



Towards FAIR principles

*in the OpenAIRE Content
Provider Guidelines*



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*

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*

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



Upcoming calls & Agendas



Notes & Recordings

2019	+	November 6th, 2019	+
2020	+	December 4th, 2019	+
February 3rd, 2021	+	February 5th, 2020	+
March 3rd, 2021	+	March 4th, 2020	+
April 7th, 2021	+	April 1st, 2020	+
May 5th, 2021	+	May 6th, 2020	+
June 2nd, 2021	+	July 1st, 2020	+
July 7th, 2021	+	October 7th, 2020	+
		November 4th, 2020	+
		December 2nd, 2020	+

#OpenAIREprovidecommunity

Join us!

Subscribe to our newsletter!

Content Providers Newsletter

Search...

Send Date Desc

OpenAIRE Content Providers December 2020
Sent on 01 December 2020
 Receive via e-mail

OpenAIRE Content Providers Newsletter November 2020
Sent on 03 November 2020
 Receive via e-mail

OpenAIRE Content Providers Newsletter October 2020
Sent on 06 October 2020
 Receive via e-mail

OpenAIRE Content Providers Newsletter July 2020
Sent on 30 June 2020
 Receive via e-mail

OpenAIRE Content Providers Newsletter June 2020
Sent on 08 June 2020
 Receive via e-mail

OpenAIRE Content Providers Newsletter May 2020
Sent on 08 June 2020
 Receive via e-mail

OpenAIRE Content Providers Newsletter April 2020
Sent on 31 March 2020
 Receive via e-mail

OpenAIRE Content Providers Newsletter March 2020
Sent on 03 March 2020
 Receive via e-mail

OpenAIRE Content Providers Newsletter February 2020
Sent on 04 February 2020
 Receive via e-mail

OpenAIRE Content Providers Newsletter December 2019
Sent on 03 December 2019

Subscribe to our Content Providers newsletter!

E-mail

I'm not a robot 

[View our past newsletters](#)
[View our past Content Providers newsletters](#)





Thank you!

www.openaire.eu/provide-community-calls