12th Community Call

OPENAIRE CONTENT PROVIDERS MANAGERS

The OpenAIRE Broker service power…

Results from “Enrich Local Data via the OpenAIRE Graph” project

Bring Innovation to DSpace (4Science)

Broker API

OpenAIRE

European Commission

03/03/2021

@openaire_eu

AGENDA:

1) OpenAIRE Provide updates

2) Main topics for discussion

- **Results from “Enrich Local Data via the OpenAIRE Graph” Project: Bring Innovation to Dspace,** Andrea Bollini (4Science), Jordan Piščanc (University of Trieste)
- **Broker service: an overview about its API,** Claudio Atzori (CNR-ISTI)

3) Questions & comments

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

OpenAIRE

European Commission

www.openaire.eu/provide-community-calls

OpenAIRE PROVIDE – recent news & reminders

Broker service

New API to access the metadata enrichments.
(check beta.develop.openaire.eu)

New OpenAIRE Factsheets

For Content Providers managers

Multi user access

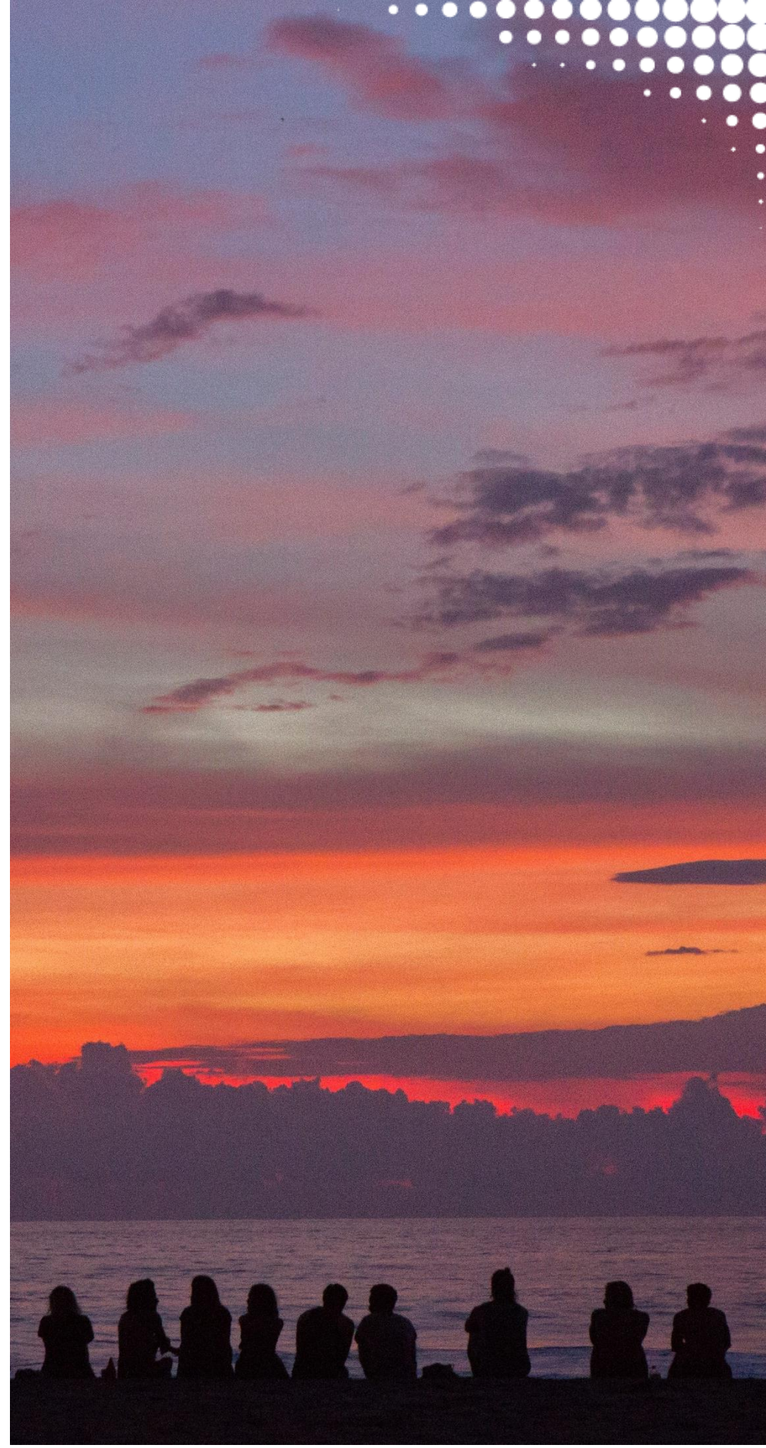
New developments on beta.

Will be released on production in coming weeks (March).

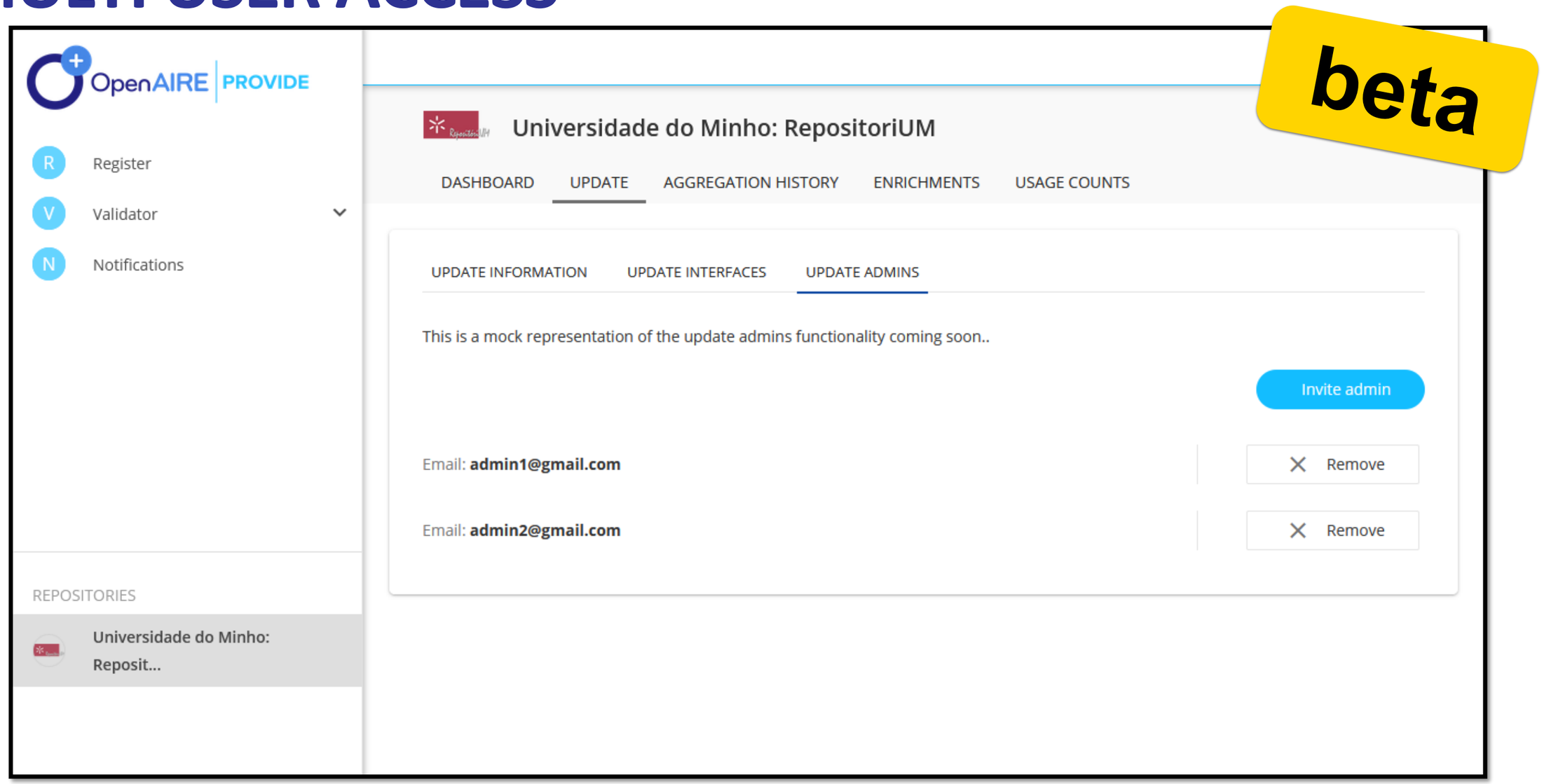
Usage Counts

Graphs updated on beta.

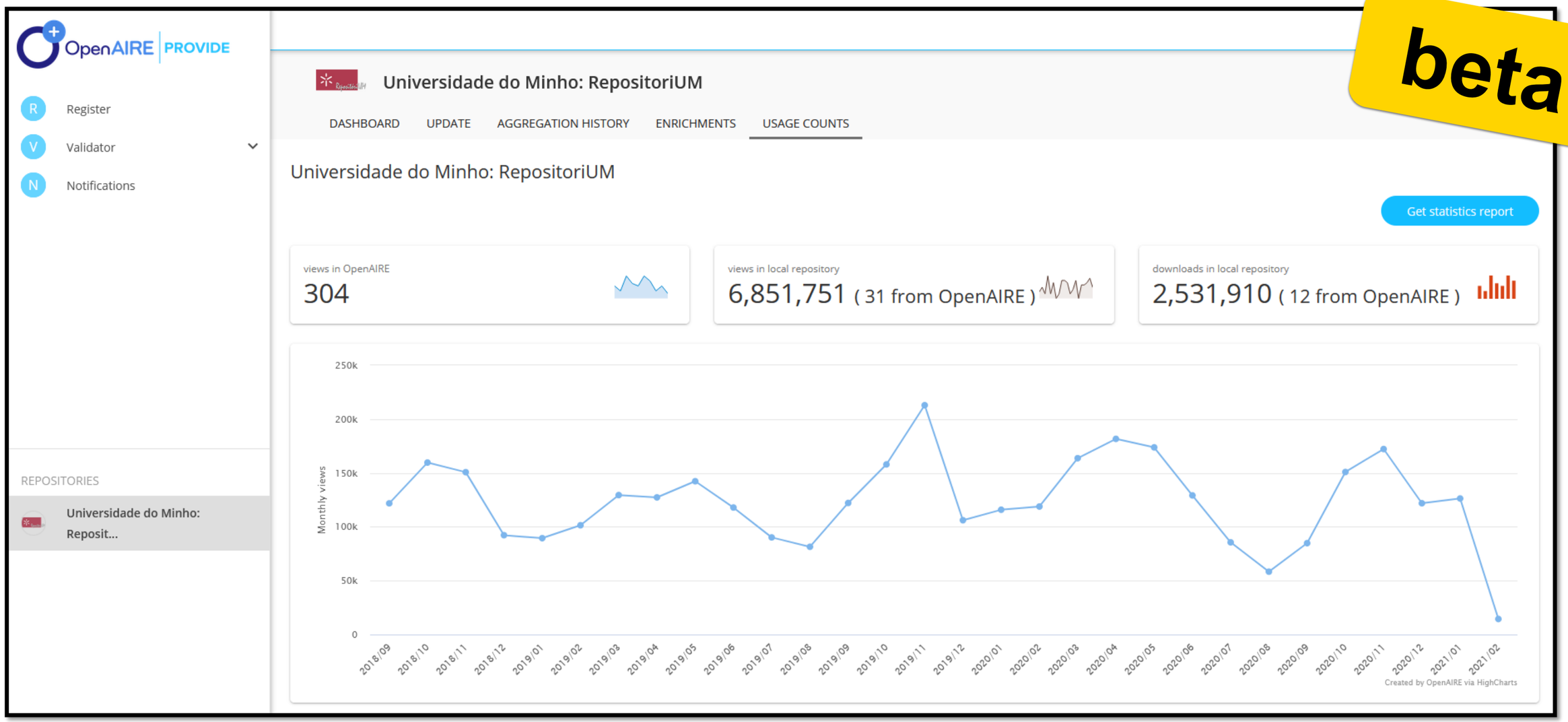
To be released in production in **coming days**.



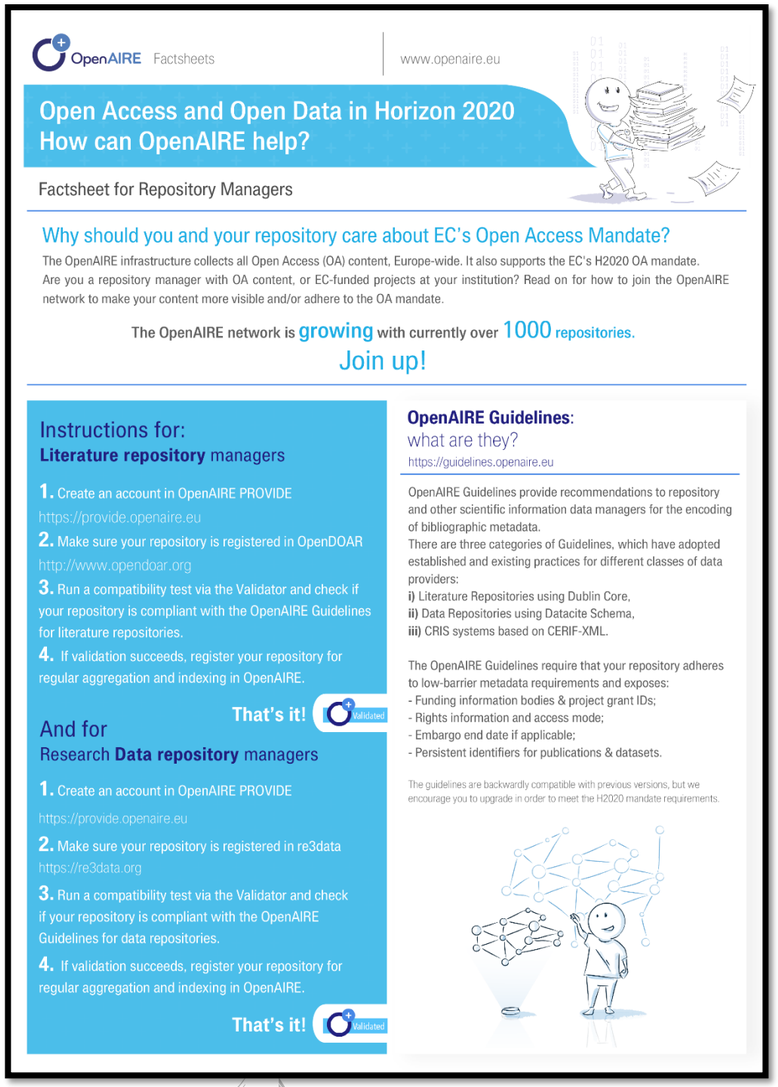
MULTI USER ACCESS



USAGE COUNTS: GRAPHS UPDATED



Factsheets for Content Providers managers



OpenAIRE Factsheets | www.openaire.eu

Open Access and Open Data in Horizon 2020
How can OpenAIRE help?

Factsheet for Repository Managers

Why should you and your repository care about EC's Open Access Mandate?

The OpenAIRE infrastructure collects all Open Access (OA) content, Europe-wide. It also supports the EC's H2020 OA mandate. Are you a repository manager with OA content, or EC-funded projects at your institution? Read on for how to join the OpenAIRE network to make your content more visible and/or adhere to the OA mandate.

The OpenAIRE network is **growing** with currently over **1000** repositories.

Join up!

Instructions for:
Literature repository managers

1. Create an account in OpenAIRE PROVIDE
https://provide.openaire.eu
2. Make sure your repository is registered in OpenDOAR
http://www.opendoar.org
3. Run a compatibility test via the Validator and check if your repository is compliant with the OpenAIRE Guidelines for literature repositories.
4. If validation succeeds, register your repository for regular aggregation and indexing in OpenAIRE.

That's it! Validated

And for
Research **Data repository** managers

1. Create an account in OpenAIRE PROVIDE
https://provide.openaire.eu
2. Make sure your repository is registered in re3data
https://re3data.org
3. Run a compatibility test via the Validator and check if your repository is compliant with the OpenAIRE Guidelines for data repositories.
4. If validation succeeds, register your repository for regular aggregation and indexing in OpenAIRE.

That's it! Validated

OpenAIRE Guidelines:
what are they?
https://guidelines.openaire.eu

OpenAIRE Guidelines provide recommendations to repository and other scientific information data managers for the encoding of bibliographic metadata.
There are three categories of Guidelines, which have adopted established and existing practices for different classes of data providers:
i) Literature Repositories using Dublin Core,
ii) Data Repositories using Datacite Schema,
iii) CRIS systems based on CERIF-XML.

The OpenAIRE Guidelines require that your repository adheres to low-barrier metadata requirements and exposes:
- Funding information bodies & project grant IDs;
- Rights information and access mode;
- Embargo end date if applicable;
- Persistent identifiers for publications & datasets.

The guidelines are backwardly compatible with previous versions, but we encourage you to upgrade in order to meet the H2020 mandate requirements.

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Services Factsheets
www.openaire.eu

OpenAIRE | PROVIDE

Content Provider Dashboard

a one-stop-service where content providers interact with OpenAIRE and become a building block of a global Open Research community

FACTSHEET FOR REPOSITORY MANAGERS AND CONTENT PROVIDERS

What is Content Provider Dashboard?

The OpenAIRE Content Provider Dashboard - CPD https://provide.openaire.eu is a one-stop-shop web service where content providers (repository, data archive, journal, aggregator, CRIS system) interact with OpenAIRE. It provides the front-end access to many of OpenAIRE's backend services.

PROVIDE

What is for?

Register - Validate data source against OpenAIRE guidelines (via the **OpenAIRE Validator**); register in OpenAIRE; provide links to content for text and data mining; view history of validations, status of harvesting.

Enrich - subscribe and view/receive notifications to enrich the metadata or the content of the data source (via the **OpenAIRE Broker**).

Assess - subscribe to the **OpenAIRE Usage Counts service**; view aggregated, cleaned usage stats for repository access (COUNTER rules, latest robots.txt).

Benefits for repositories

- **Extending repository metadata models to Open Science practices**
Promoting addition of links from/to products of any kind.
- **Keeping their collection up-to-date: alerts, enrichments, additions**
"Almost real-time" exchange of information: notifications about links to other products, missing properties, missing products, and possible errors in the metadata.
- **Fostering notification-based and federated dissemination of knowledge**
Promoting repositories as pro-active and interactive elements of the scholarly communication Infrastructure.

PROVIDE Dashboard
Integrated interface services for Repository Managers
Make your content visible, richer

OpenAIRE

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www.openaire.eu/factsheets

Results from “Enrich Local Data via the OpenAIRE Graph” Project

Bring Innovation to Dspace, Andrea Bollini (4Science)

Use case/demo by Jordan Piščanc (University of Trieste)

OpenAIRE

European Commission

Results from the "Enrich Local Data via the OpenAIRE Graph" Project: **Bring Innovation to DSpace**

OpenAIRE Open Innovation Programme

CONTENT PROVIDERS Community Calls

3rd March 2021

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Project goals

The project implements **two services for DSpace/DSpace-CRIS** to enhance local data with information in the OpenAIRE Research Graph.

More specifically, one service, the **Data Correction,** aims to improve existing data in the repository using feedback that OpenAIRE makes available via the Notification Broker Service, such as missing or additional metadata (abstract, subjects, PIDs, projects).

The other service, **Publication claim,** is focussed on identifying publications that are missing in the repository.

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Results

- ✓ The 2 product features have been implemented
- ✓ The documentation website is available and updated
- ✓ The source code is on GitHub (REST, Angular, REST Contract)
- ✓ Automatic tests are in place for both the backend and the frontend
- ✓ A pilot installation has been performed with data from a real repository involving the owner Institution (University of Trieste)
- ✓ Acceptance Test Plan is available and verified also on the pilot instance

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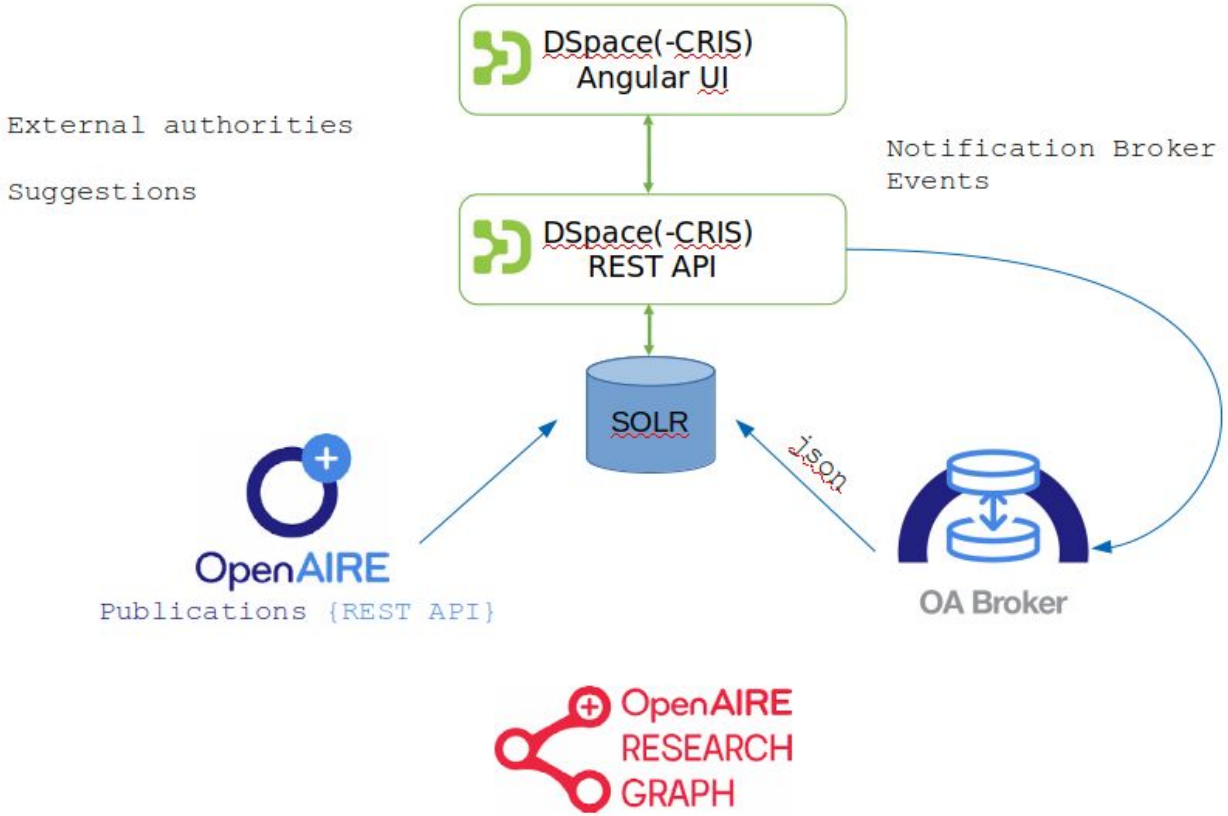
Product architecture



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Data Correction

Scenario 1: The manager of a repository indexed in OpenAIRE can subscribe the events for Missed/More PIDs and Project links in the Content Provider Dashboard, using “a repository callback” as notification mechanism instead of the current email alert. They login in the repository and see the list of events received, among others one publication that has a PMID that was unknown to the repository and a link to a project. They click on the “accept the suggestion” button and the new information is stored in the local record. OpenAIRE could “flag” the data as confirmed.

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Publication Claim

Scenario 2: A new researcher joins the institution and logins for the first time in the repository. The Publication Claim service finds most of their publications in the OpenAIRE network and prompts for import. The researcher reviews the list, confirms the authorship and imports the publications saving a significant amount of (often publicly payed) time. Moreover, the authorship confirmation will come back later to OpenAIRE offering useful information about data quality and potential enrichments. The same applies for publications authored by researchers in different institutes, having the data in multiple repositories makes the data more reliable and raises the chance to get more information and content from any of the authors.

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Pilot feedback - Data Correction Service

“A great improvement for the BrokerService. Finally the Suggested data in the place where I need them: directly in my Repository. The great integration helps the Repository Manager to quickly decide and enrich Repository Data directly in the environment that is used to work and manage. It’s like an “all in one” solution.”

Jordan Piščanc

Repository Manager of the University of Trieste

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Pilot feedback - Publication Claim Service

"The first real practical usage of the great potentiality of the OpenAIRE Research Graph that I see. The great thing that also this service is directly integrated in my Repository. This will be a real 'time saver' for the Researcher: when they login to the Repository the Publication Claim Service will 'suggest' them new publications found in Research Graph ready to be automatically imported."

Jordan Piščanc

Repository Manager of the University of Trieste

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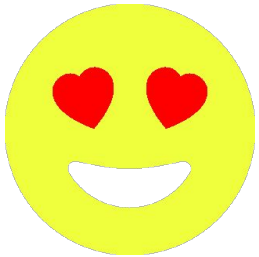
Pilot results

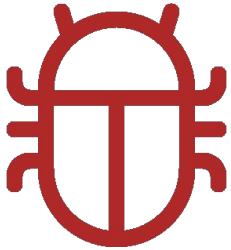
+16 tests

(37 in total)



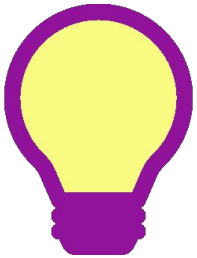
13

Improvements / new features



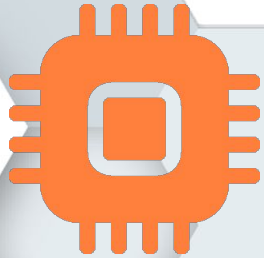
6

ideas



4

bugs fixed



Performance improvements to deal with large repository

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Suggestion for the OpenAIRE Tech team

Data Correction Service

1. The JSON files should be pushed directly to the repository or at least be available as a download option over the OpenAIRE content dashboard
2. The JSON should contain the same information used in the OpenAIRE content dashboard as for instance the Source of the event

Publication Claim

1. The REST API should work properly also with unicode characters
2. A REST endpoint to mimic the explore portal fuzzy search should be provided avoiding the need to guess or ask the user which index use (author, title, etc)

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Live demo

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Home / Processes Overview / Create a new process

Create a new process

Script

Choose a script...

- Choose a script...
- bulk-import
- collection-export
- metadata-deletion
- metadata-export
- metadata-import
- import-nbevents
- import-oaire-suggestions
- bulk-item-export
- item-export
- curate
- index-discovery
- update-metrics-in-solr
- update-metrics
- retry-tracker

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OpenAIRE Broker

Below you can see all the topics received from the subscriptions to OpenAIRE.

Current Topics

Now showing 1 - 5 of 5

Topic	Last Event	Actions
ENRICH/MORE/PID	2021-01-21T12:33:53.935+0000	5364
ENRICH/MISSING/PID	2021-01-21T12:33:53.935+0000	4844
ENRICH/MISSING/ABSTRACT	2021-01-21T12:33:53.935+0000	53
ENRICH/MISSING/PROJECT	2021-01-21T12:33:53.935+0000	1
ENRICH/MORE/PROJECT	2021-01-21T12:33:53.935+0000	1

« 1 »

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Home / OpenAIRE Broker

OpenAIRE Bro

Below the list of all the sugges

« Back to topics

Topic: ENRICH/M

Now showing 5361 - 5364 of 5364

Trust	Publication	Details	Actions
1.000	La guerra aerea nel mare del Nord	PID Type: handle PID Value: 10077/28592	Accept suggestion Ignore suggestion Reject suggestion

Trust	Publication	Details	Actions
0.375	Riferimenti bibliografici	PID Type: doi PID Value: 10.4000/books.res.4741	Accept suggestion Ignore suggestion Reject suggestion
0.375	Note sugli autori	PID Type: doi PID Value: 10.14672/ada20181397189-193	Accept suggestion Ignore suggestion Reject suggestion
0.375	Note sugli autori	PID Type: doi PID Value: 10.14672/ada20191586183-185	Accept suggestion Ignore suggestion Reject suggestion

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Home / OpenAIRE Broker Suggestions

OpenAIRE Broker Suggestions

Below the list of all the suggestions, received from OpenAIRE, for the selected topic.

« Back to topics

Topic: ENRICH/MISSING/PROJECT

Now showing 1 - 1 of 1

Trust	Publication	Project details	Actions
1.000	W.G. Sebalds babylonische Bibliothek. Kritik an einem heterotopischen Raum der Moderne	OpenAIRE Suggested Project data Project title: Ästhetik. Intermedialität des Wissens in Literatur, Kunst und Wissenschaft Code: PDFMP1_137110 Funder: SNSF Funding program: Programmes Jurisdiction: CH No local record found	✔ Import project and accept suggestion Ignore suggestion Reject suggestion

« 1 »

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Choose a project to bound

Publication:
Egypt, crossroad of translations and literary interweavings (3rd-6th centuries). A reconsideration of earlier ...

Project search

test

Clear | Search

Now showing 1 - 3 of 3

- Research Project
  Test project
- Research Project
  This is a test project
- Research Project
  Test project

Cancel | Bound project

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Code: 687567
Funder: EC
Funding program: H2020
Jurisdiction: EU

Bound to the local record: 10713/29832

The project has been saved successfully.

Egypt, crossroad of translations and literary interweavings (3rd-6th centuries). A reconsideration of earlier Coptic literature	OpenAIRE Suggested Project data Project title: Tracking Papyrus and Parchment Paths: An Archaeological Atlas of Coptic Literature. Literary Texts in their Geographical Context: Production, Copying, Usage, Dissemination and Storage Acronym: PAThs Code: 687567 Funder: EC Funding program: H2020 Jurisdiction: EU Bound to the local record: 123456789/47	Import project and accept suggestion Ignore suggestion Reject suggestion

« »

« Back to topics

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OpenAIRE Broker Suggestions

Your decision has been saved successfully.

Below the list of all the suggestions, received from OpenAIRE, for the se

« Back to topics

Topic: ENRICH/MISSING/PROJECT

Publication	Project details	Actions
Egypt, crossroad of translations and literary interweavings (3rd-6th centuries). A reconsideration of earlier Coptic literature	OpenAIRE Suggested Project data Project title: Tracking Papyrus and Parchment Paths: An Archaeological Atlas of Coptic Literature. Literary Texts in their Geographical Context: Production, Copying, Usage, Dissemination and Storage Acronym: PAThs Code: 687567 Funder: EC Funding program: H2020 Jurisdiction: EU Bound to the local record: 10713/29832	✔ Import project and accept suggestion Ignore suggestion Reject suggestion
Egypt, crossroad of translations and	OpenAIRE Suggested Project data	

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- index-discovery
- update-metrics-in-solr
- update-metrics
- retry-tracker

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All of DSpace Statistics

Suggestions

Now showing 1 - 10 of 41

Researcher Name	Actions
Bollini, Andrea	Review suggestions
Cortese, Claudio	Review suggestions
Fazio, Riccardo	Review suggestions
Mornati, Susanna	Review suggestions
Surname, Firstname	Review suggestions
... another one	Review suggestions

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Suggestion for Claudio Cortese from the OpenAIRE Graph

Select / Deselect All *(10)* ✔ Approve & import Selected ⊘ Not mine Selected

Now showing 1 - 10 of 110

Total Score
100.00

Processi di trasformazione nel suburbio di Mediolanum tra tarda età repubblicana e media età imperiale. Il caso dell'area dell'Università Cattolica

CORTESE, CLAUDIO

Nell'area oggi occupata dall'Università Cattolica del Sacro Cuore di Milano a partire dal 1986 scavi di emergenza hanno messo in luce una porzione del suburbio occidentale di Mediolanum, e in particolare una realtà insediativa suburbana di età imperiale. Un'ampia area di tale insediamento è stata oggetto della presente ricerca che

✔ Approve & import ⊘ Not mine See evidence

Total Score
100.00

Semantic Search and Browsing nell'ambito dei Beni Culturali

Cortese, Claudio

Negli ultimi anni, il mondo dei beni culturali si sta rivelando una delle aree più promettenti e stimolanti per quanto concerne la sperimentazione e la diffusione degli standard e delle tecnologie che rientrano nell'ambito del "Semantic Web". All'organizzazione dei dati secondo gli standard semantici si accompagna la necessità di

✔ Approve & import ⊘ Not mine See evidence

Total Score
100.00

MTHFR gene polymorphism, homocysteine and cardiovascular disease.

(2008-06-03) Corradino Motti ; Claudio Cortese

AbstractHomocysteine is an emerging new risk factor for cardiovascular disease. It is a thiol compound derived from methionine and involved in two main metabolic pathways: the cycle of activated methyl groups, requiring folate and vitamin B12 as cofactors, and the transsulfuration pathway to cystathionine and cysteine requiri

✔ Approve & import ⊘ Not mine See evidence

Total Score

Taking advantage of a side effect of isotretinoin.

(2004-03-02) Claudio Cortese ; Rosamaria Corona

Question: Do young adults who develop hypertriglyceridemia after isotretinoin therapy for acne have an inherited

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Suggestion for Claudio Cortese from the OpenAIRE Graph

Select / Deselect All *(0)*

Now showing 1 - 10 of 104

Total Score
100.00

Tumor marker assessment in cytologically negative pleural effusions from lung cancer by Machine Learning-based approach

(2018-12-21) S Elia ; Gianni D'Angelo ; Renato Massoud ; Claudio Cortese ; Roberto Sorge ; Alessandro

Background: Malignant pleural effusion (MPE) is diagnostically challenging in presence of negative cytology. The assessment of tumor markers in serum has become a standard tool in cancer diagnosis while pleural fluid sampling has not met universal consensus. The evaluation of a panel of markers both in serum and pleura

Approve & import | Not mine | Hide evidence

Score	Type	Notes
100.00	AuthorNamesScorer	The author Claudio Cortese at position 4 in the authors list matches the name Claudio Cortese in the researcher profile
0.00	DateScorer	No assumption was possible about the publication year range. Please consider to set a min/max date in the profile, specify the birthday or education achievements

Total Score

Empagliflozin influences blood viscosity and wall shear stress in subjects with type 2 diabetes mellitus compared with incretin-based therapy.

(2018-04-19) Antonio Cutruzzolà ; Agostino Gnasso ; Concetta Irace ; Francesco Casciaro ; Faustina Sca

Abstract Background Cardiovascular protection following empagliflozin therapy is not entirely attributable to the

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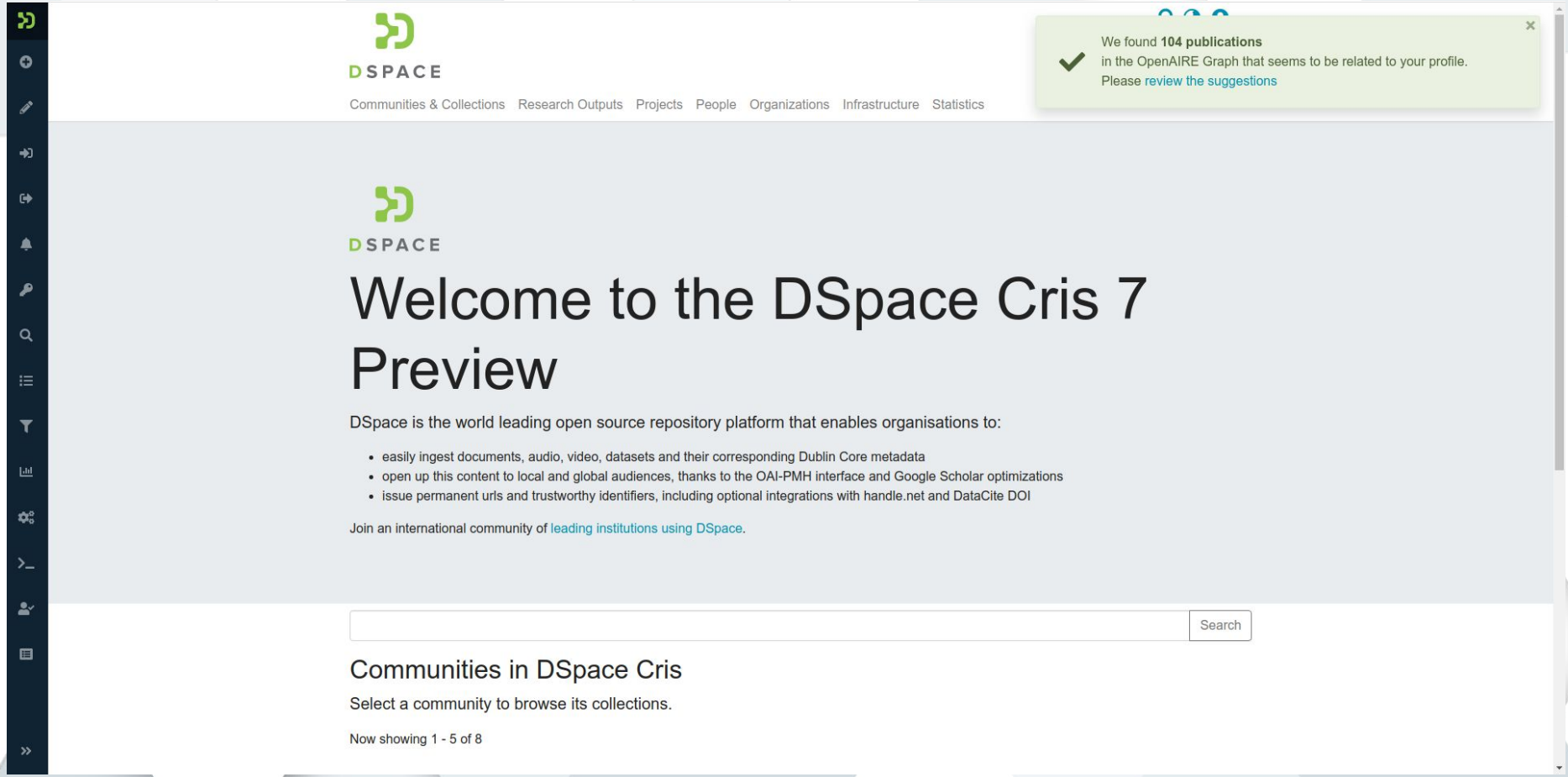

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We found **104 publications** in the OpenAIRE Graph that seems to be related to your profile. Please review the suggestions.

Drag & Drop your files here , or browse

New submission

Search DSpace Search

Show

Your Submissions

Now showing 1 - 10 of 25

Filters

Status +

Date +

Reset filters

Settings

Sort By

Workspace

Item

A machine learning evolutionary algorithm-based formula to assess tumor markers and predict lung cancer in cytologically negative pleural effusions

(2019-09-14) Alessandro De Stefano Gianni D'Angelo Stefano Elia Renato Massoud Claudio Cortese Franc

Malignant pleural effusion is diagnostically challenging in presence of negative cytology. The assessment of tu

Edit Delete

Workspace

Item

Influence of acute reduction of blood viscosity on endothelial function.

(2019-03-19) Antonio Cutruzzolà Marilena Minieri Concetta Irace Claudio Carallo Claudio Cortese Agostino

BACKGROUND The relationship between blood viscosity (BV) and endothelial function is rather complex. An

Edit Delete

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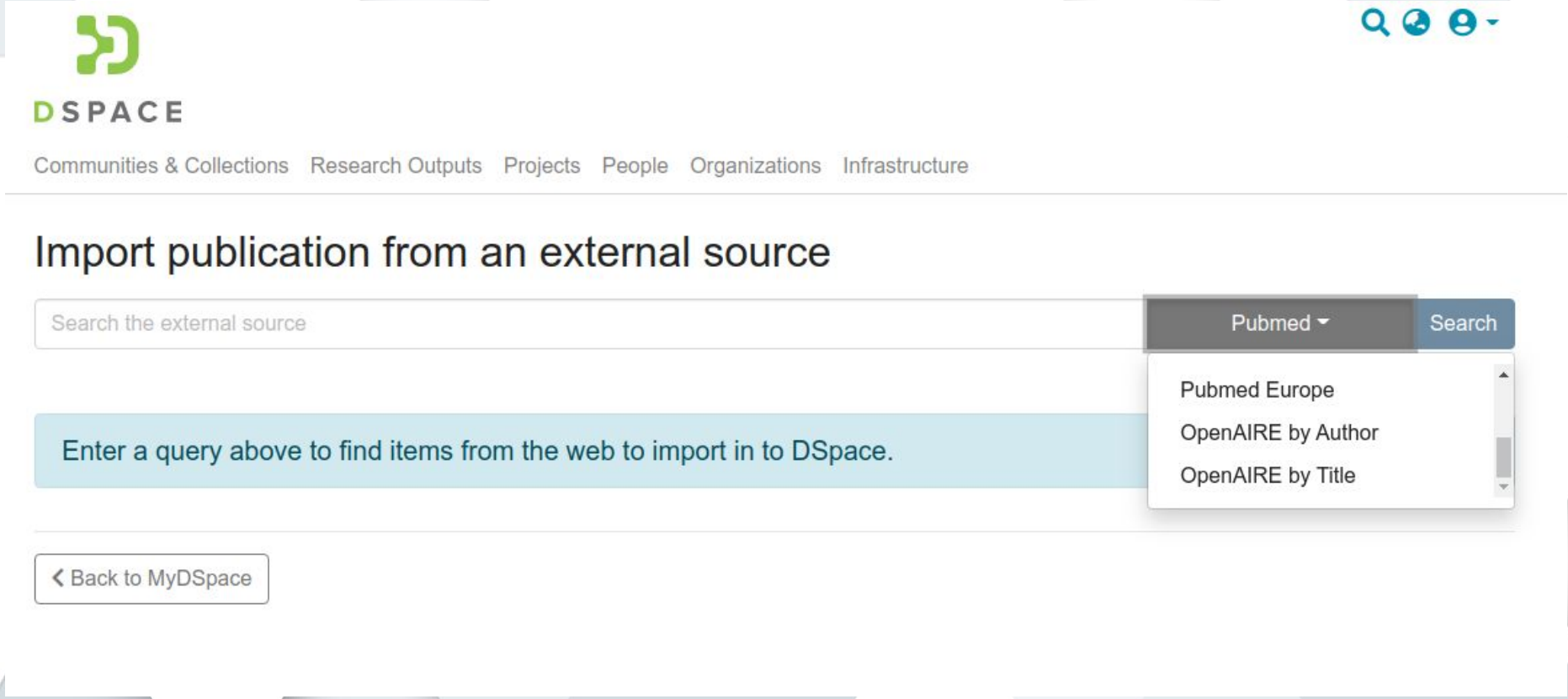

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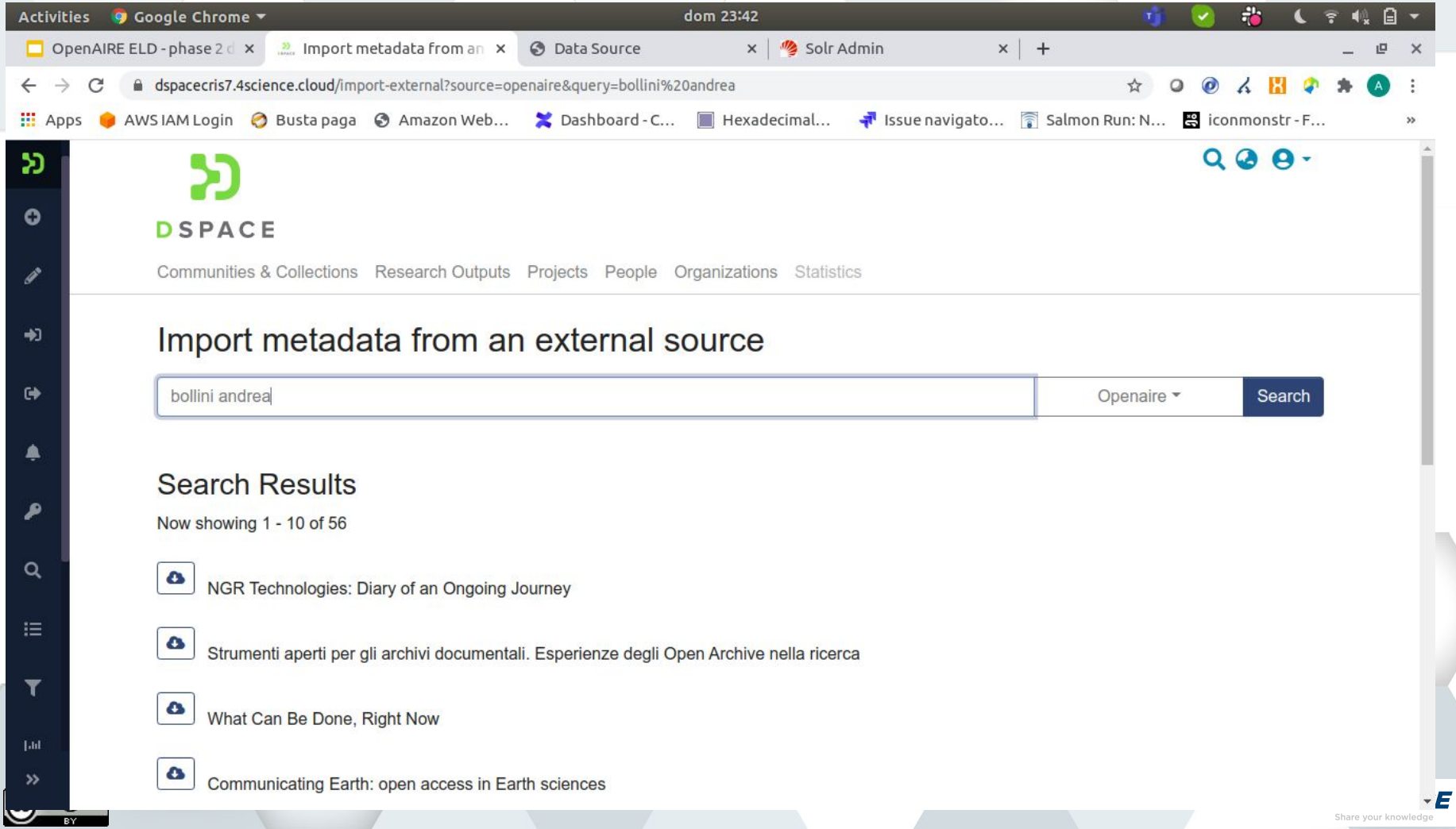
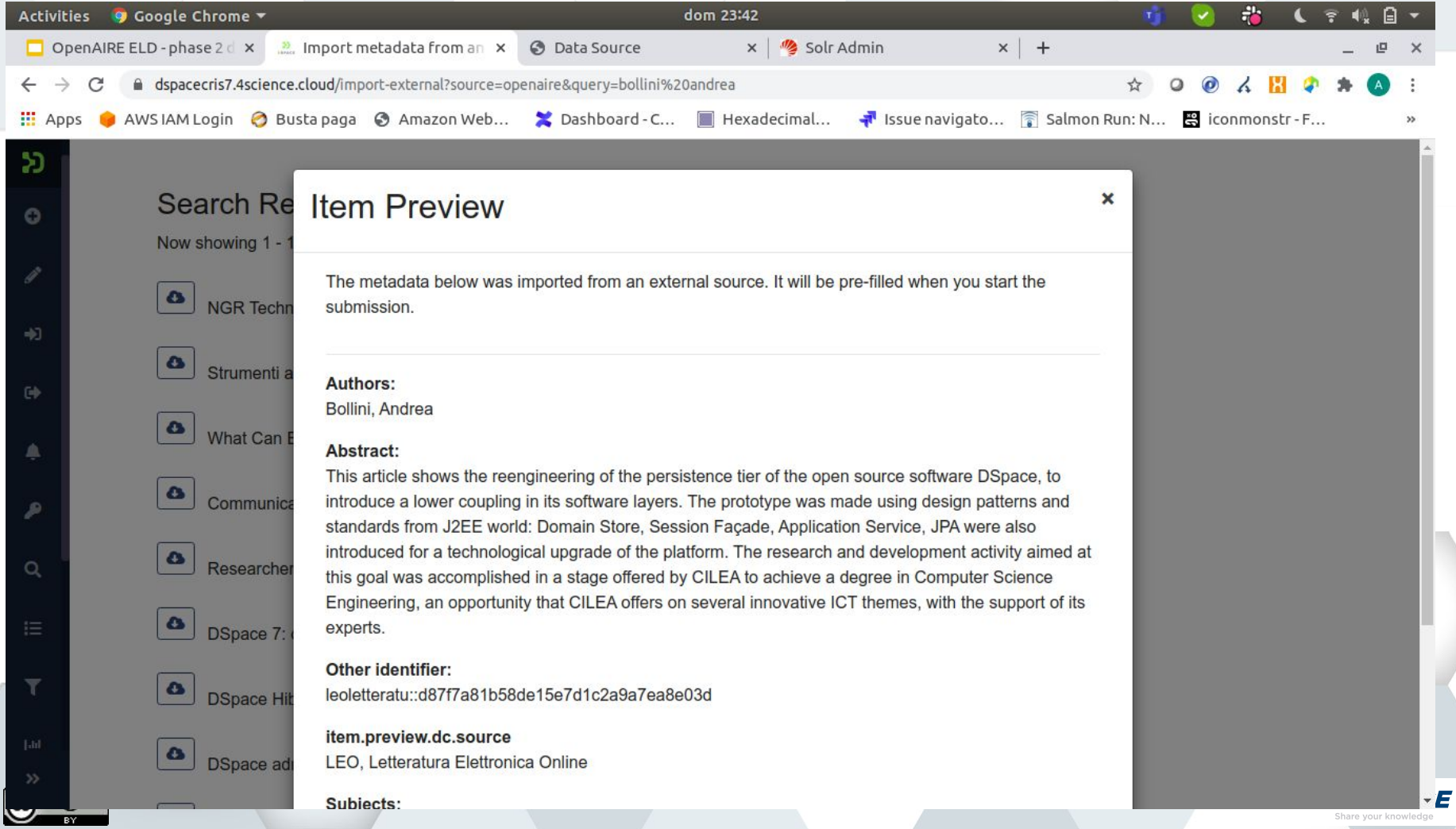

Activities
Google Chrome
dom 23:42
OpenAIRE ELD - phase 2
Import metadata from an
Data Source
Solr Admin
dspacecris7.4science.cloud/import-external?source=openaire&query=bollini%20andrea
Apps
AWS IAM Login
Busta paga
Amazon Web...
Dashboard - C...
Hexadecimal...
Issue navigato...
Salmon Run: N...
iconmonstr - F...
DSPACE
Communities & Collections
Research Outputs
Projects
People
Organizations
Statistics
Import metadata from an external source
bollini andrea
Openaire
Search
Search Results
Now showing 1 - 10 of 56
NGR Technologies: Diary of an Ongoing Journey
Strumenti aperti per gli archivi documentali. Esperienze degli Open Archive nella ricerca
What Can Be Done, Right Now
Communicating Earth: open access in Earth sciences


Activities
Google Chrome
dom 23:42
OpenAIRE ELD - phase 2 d
Import metadata from an
Data Source
Solr Admin
dspacecris7.4science.cloud/import-external?source=openaire&query=bollini%20andrea
Apps
AWS IAM Login
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DSpace ad
Item Preview
The metadata below was imported from an external source. It will be pre-filled when you start the submission.
Authors:
Bollini, Andrea
Abstract:
This article shows the reengineering of the persistence tier of the open source software DSpace, to introduce a lower coupling in its software layers. The prototype was made using design patterns and standards from J2EE world: Domain Store, Session Façade, Application Service, JPA were also introduced for a technological upgrade of the platform. The research and development activity aimed at this goal was accomplished in a stage offered by CILEA to achieve a degree in Computer Science Engineering, an opportunity that CILEA offers on several innovative ICT themes, with the support of its experts.
Other identifier:
leoletteratu::d87f7a81b58de15e7d1c2a9a7ea8e03d
item.preview.dc.source
LEO, Letteratura Elettronica Online
Subjects:

Final remarks

1. These functionalities are available out of box in the default dspace-cris 7 code base. To use them you only need to get in touch with the OpenAIRE team to receive the json file related to your repository
2. Pull Requests (PRs) have been created to allow everyone to use the product also with a plain dspace 7 and the DSpace community to evaluate the implementation for inclusion in the official code base

   REST Contract#156 | REST API#3143 | Angular UI#1007
3. The documentation website https://4science.github.io/oaire-eld/#/ is fully updated with installation and configuration instructions for both DSpace than DSpace-CRIS

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Thanks! Any questions?

Andrea Bollini <andrea.bollini@4science.it>
https://orcid.org/0000-0002-9029-1854

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4SCIENCE
Share your knowledge

OpenAIRE Broker service

an overview about its API

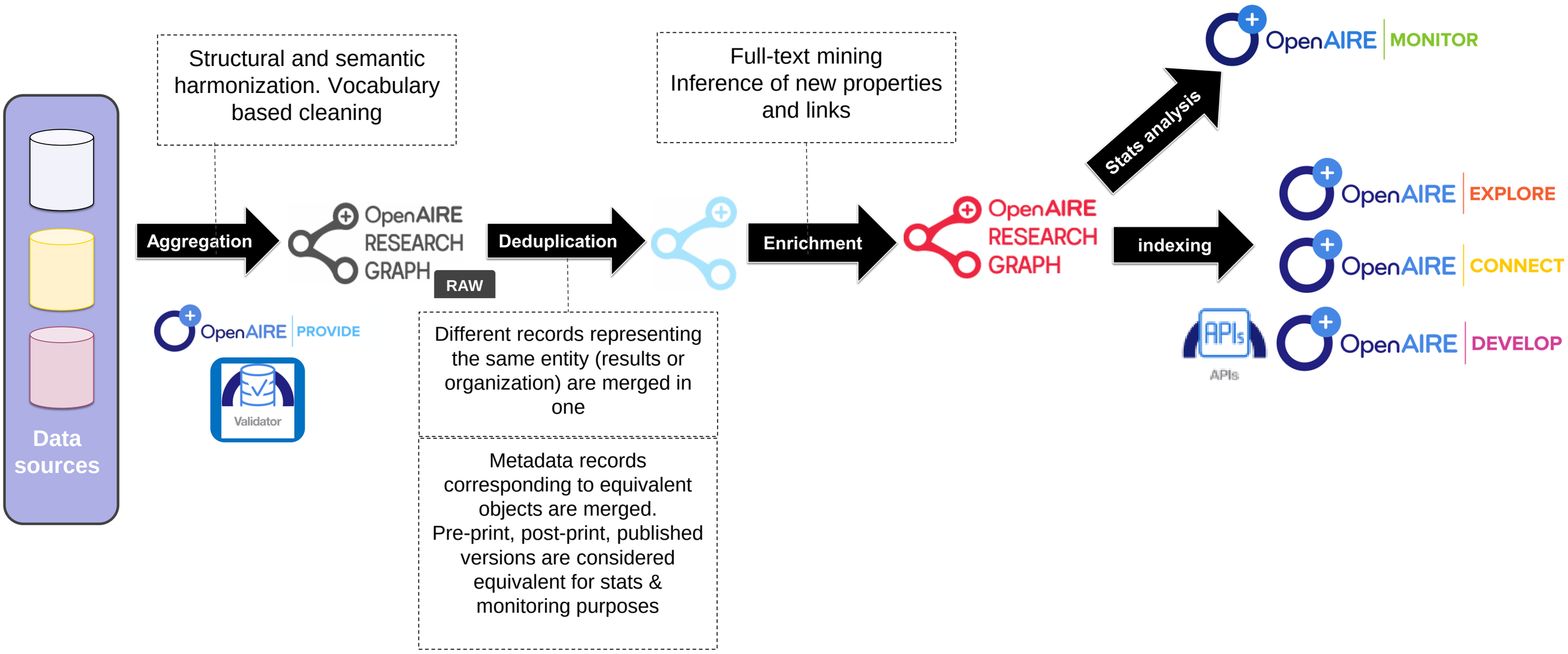
Claudio Atzori

Content Providers Community call - March 3rd, 2021

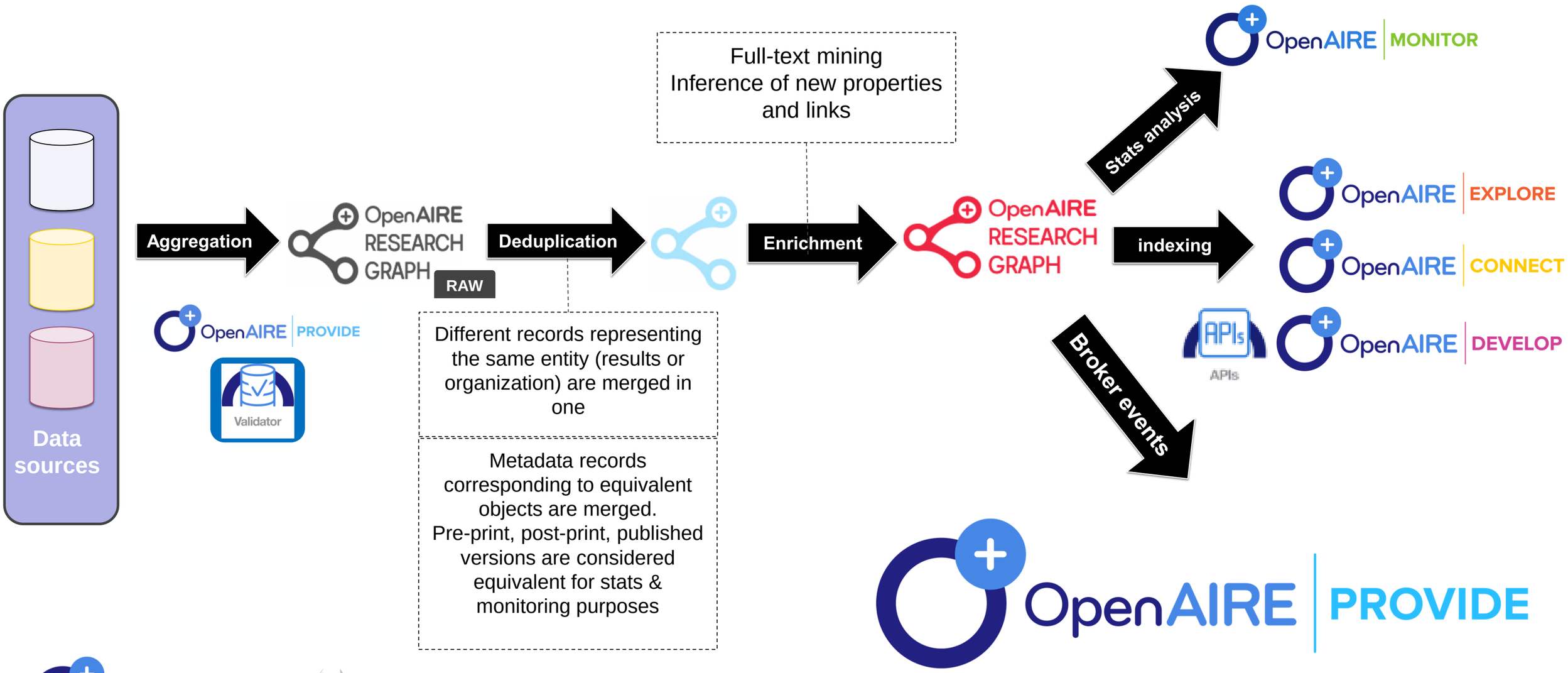
OpenAIRE | NEXUS | European Commission

@openaire_eu

OpenAIRE Research Graph: the supply chain



OpenAIRE Research Graph: the supply chain



Universidade do Minho: RepositoriUM

DASHBOARD | UPDATE | AGGREGATION HISTORY | ENRICHMENTS | USAGE COUNTS

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	132842
ENRICH/MORE/PID Another persistent identifier associated to your publications	22396
ENRICH/MORE/SUBJECT/ARXIV Another ARXIV classification term that can be associated to your publications	508
Total	**155746**

Missing

MISSING METADATA INFORMATION THAT MAY ENRICH OR COMPLETE UNIVERSIDADE DO MINHO: REPOSITORIUM CONTENT	# OF EVENTS
ENRICH/MISSING/OPENACCESS_VERSION An Open Access versions of your publications	132842
ENRICH/MISSING/AUTHOR/ORCID An Open Researcher and Contributor ID (ORCID) that can be associated to an author of your publications	11264
ENRICH/MISSING/PROJECT A project reference that can be associated to your publications	1235

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ENRICH | MISSING | AUTHOR | ORCID

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:1822/24925

Laccase production by free and immobilized mycelia of Peniophora cinerea and Trametes versicolor: a comparative study

1 author ORCID(s) added FROM: UnpayWall (ID: doiboost___::59744beb569c796386e24ec1b25c616c)

1. Eugénia A. Macedo **(0000-0002-0724-5380)**

Show more

swagger default (/v2/api-docs) api_key Explore

Literature Broker Service

APIs documentation

http://api.openaire.eu/broker

Apache 2.0

api-doc-controller : Api Doc Controller

Show/Hide | List Operations | Expand Operations

basic-error-controller : Basic Error Controller

Show/Hide | List Operations | Expand Operations

Openaire Broker Public API : Openaire Broker Public API

Show/Hide | List Operations | Expand Operations

GET	/file/events/opendoar/{id}	Returns events as file by opendoarId
GET	/file/notifications/bySubscriptionId/{subscrId}	Returns notifications as file
GET	/scroll/notifications/bySubscriptionId/{subscrId}	Returns notifications by subscription using scrolls (first page)
GET	/scroll/notifications/{scrollId}	Returns notifications using scrolls (other pages)
GET	/status	Returns the status of the application
GET	/subscriptions	Returns the list of subscriptions by user email

operation-handler : Operation Handler

Show/Hide | List Operations | Expand Operations

[BASE URL: /broker , API VERSION: 1.1]

API usage [by opendoar ID]

1. Users should request the generation of precompiled enrichment records to helpdesk@openaire.eu indicating the requested OpenDOAR ID.
2. A newline delimited JSON record file will be made available for the user to download. It will contain the enrichments relative to *all* the existing subscriptions for the given repository.

API usage [by subscription]

[beta.develop.openaire.eu/broker.html]

The following commands indicates how the broker API documented at api.openaire.eu/broker can be used to access the set of enrichments

1. get the list of subscriptions for a given subscriber, e.g.

   ```
   curl -X GET --header 'Accept: application/json'
   'https://api.openaire.eu/broker/subscriptions?email=[subscriber_email]'
   ```

2. extract the subscription ID and use it to access the 1st page of enrichment notification records

   ```
   curl -X GET --header 'Accept: application/json'
   'https://api.openaire.eu/broker/scroll/notifications/bySubscriptionId/[sub-1234]'
   ```

3. extract the scroll ID from the response to request subsequent pages

   ```
   curl -X GET --header 'Accept: application/json'
   'https://api.openaire.eu/broker/scroll/notifications/[scroll_id]'
   ```

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API usage [by subscription]

[beta.develop.openaire.eu/broker.html]

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API client @ github.com/openaire

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Thank you!

Claudio Atzori (CNR-ISTI)

claudio.atzori@isti.cnr.it

AGENDA:

1) OpenAIRE Provide updates

2) Main topics for discussion

- **Results from “Enrich Local Data via the OpenAIRE Graph” Project: Bring Innovation to Dspace,** Andrea Bollini (4Science), Jordan Piščanc (University of Trieste)
- **Broker service: an overview about its API,** Claudio Atzori (CNR-ISTI)

3) Questions & comments

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

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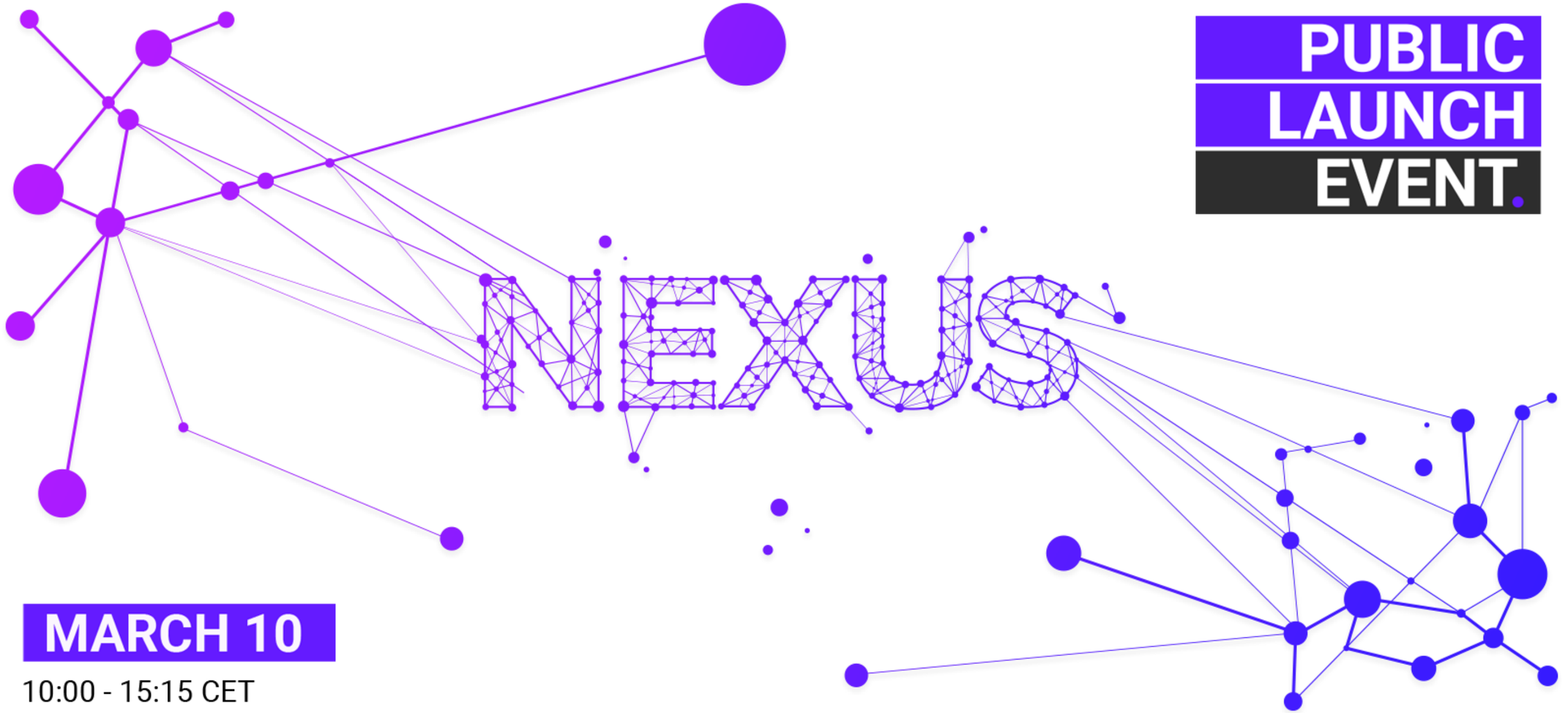
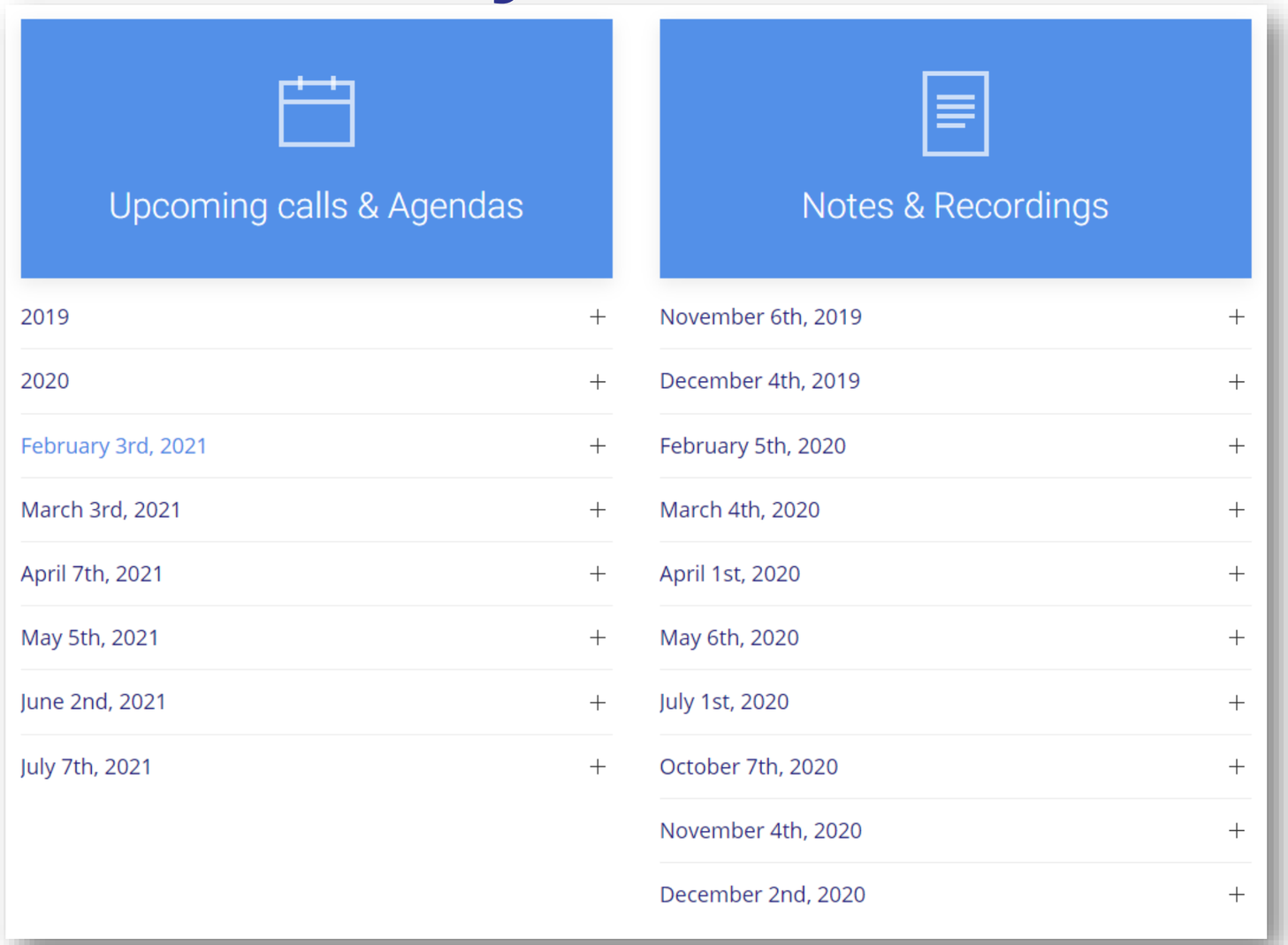
www.openaire.eu/provide-community-calls



Agenda & Registrations here:

www.openaire.eu/openaire-nexus-public-launch-event

Community Calls



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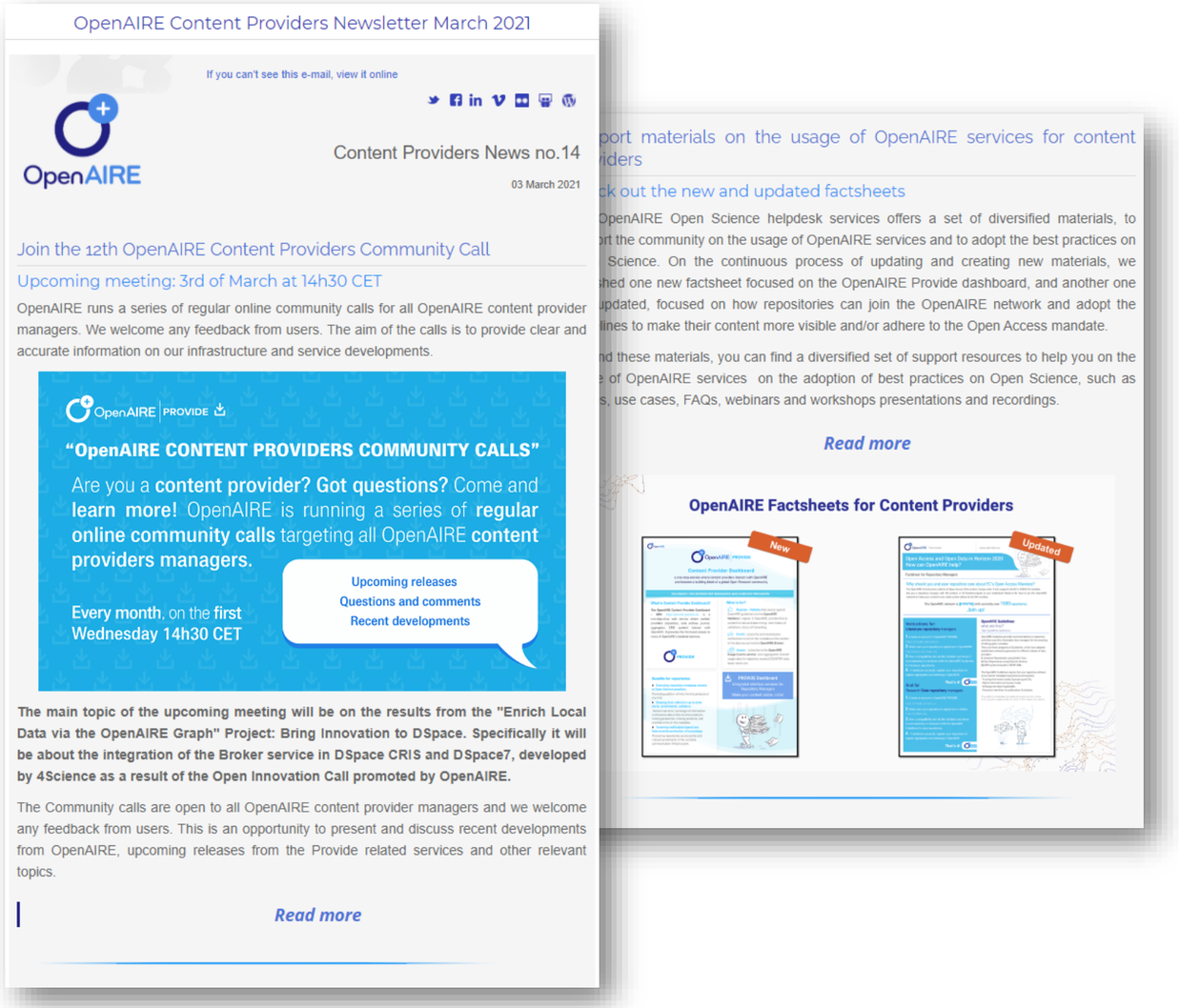

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Thank you!

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