



Facilitate Open Science Training for European Research





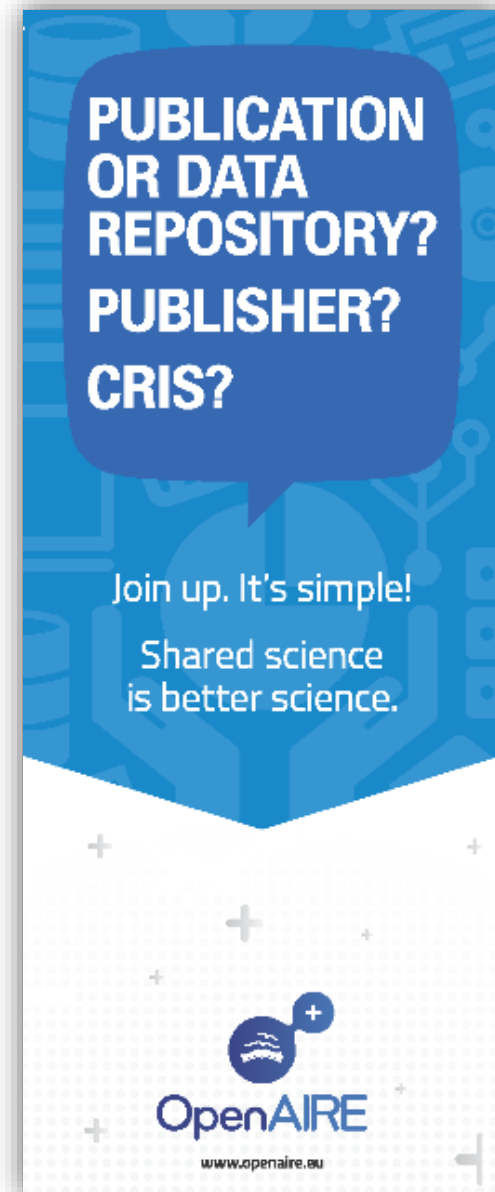
Repository managers: guidelines to meet H2020 requirements

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Overview

1. The context: OpenAIRE infrastructure
2. OpenAIRE guidelines for data sources
3. Adoption and mapping with other repository networks
4. Future Directions
5. Tools for repositories compatibility





The context:

OpenAIRE infrastructure

1/5

OpenAIRE

OPEN ACCESS INFRASTRUCTURE

for research in Europe

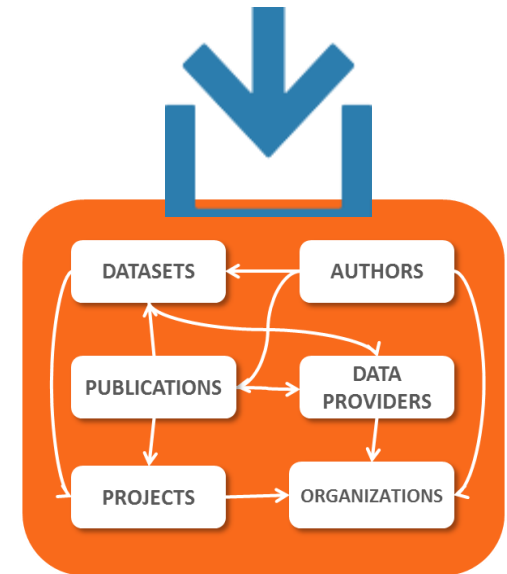
www.openaire.eu

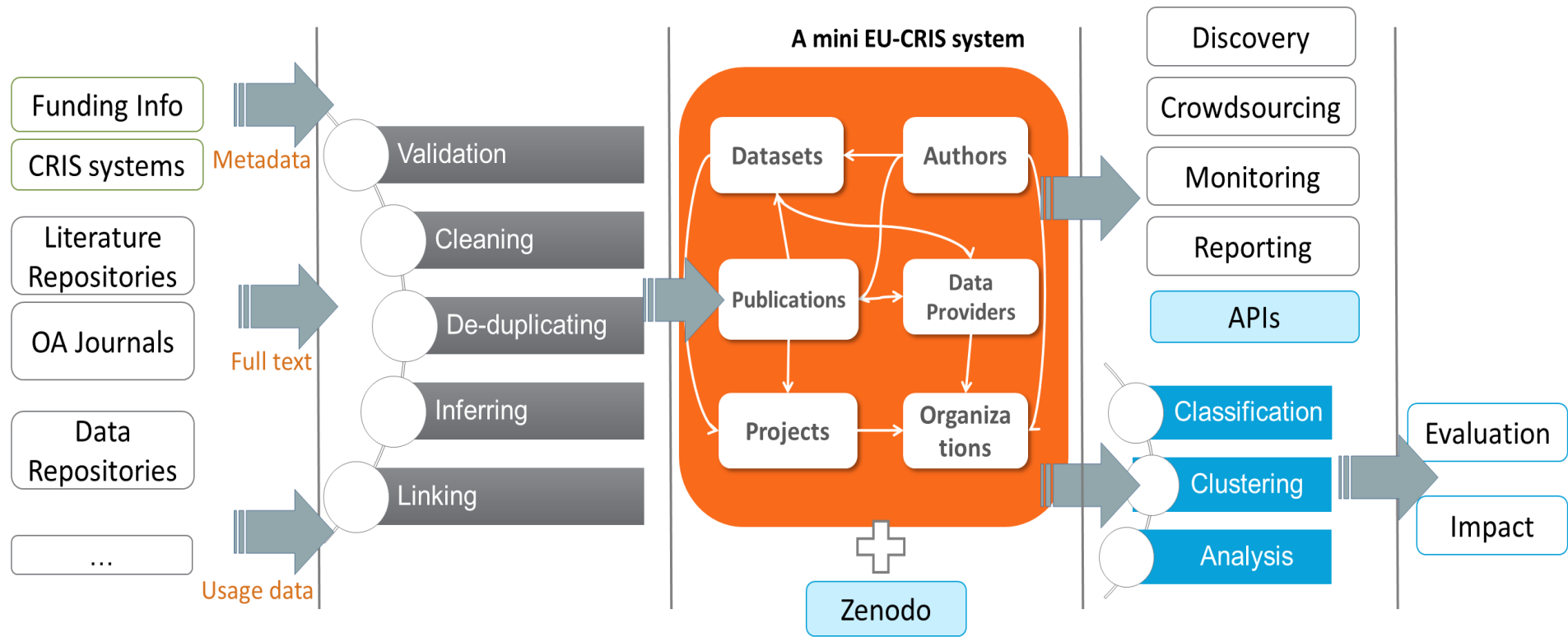
Project & Infrastructure

Guided by OA funder policies
(European Commission)

Participatory approach
(human & e-infrastructure)

Integrated Scientific
Information System





Data Providers

OpenAIRE Platform

Services



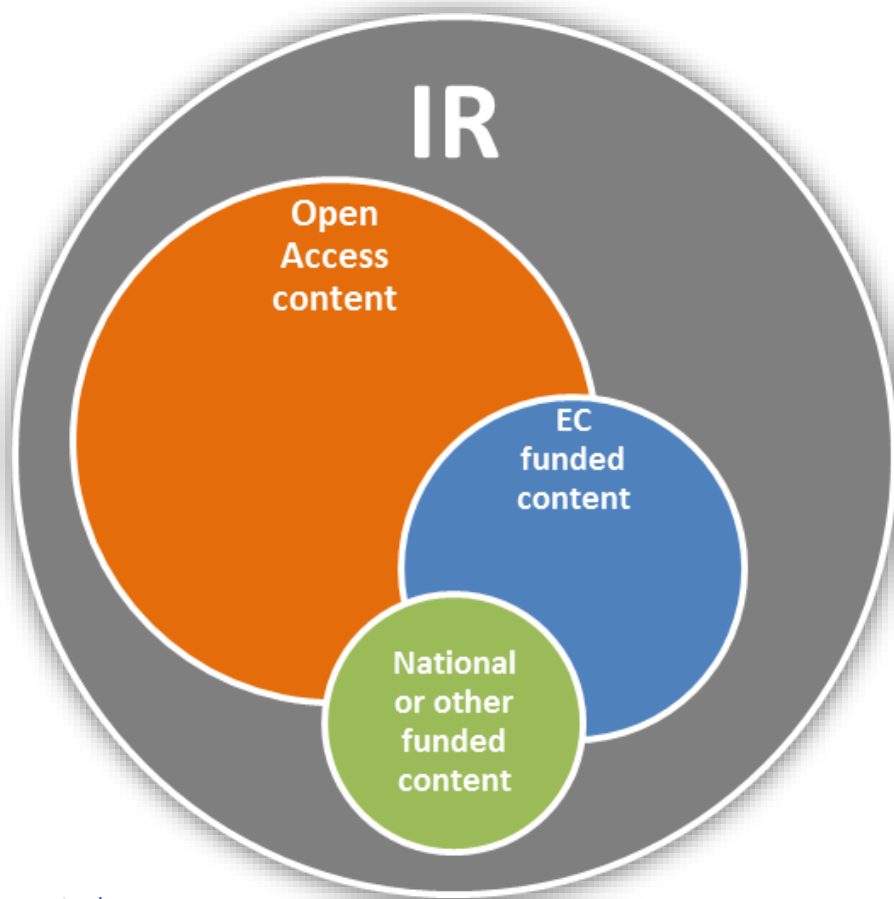
Search in 12,206,010 publications 9,610 datasets from 5,927 repositories and OA journals

OPENAIRE IS GROWING! MANY
MORE DATA PROVIDERS HAVE
SIGNED UP

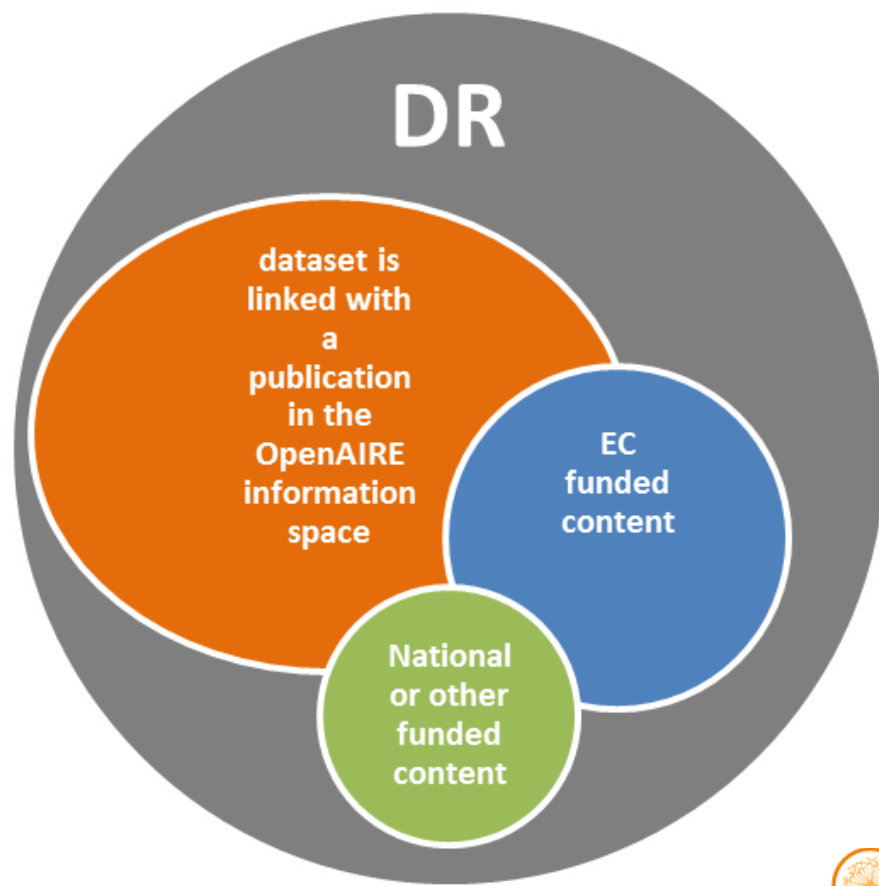


Content acquisition policy

Publications in OpenAIRE



Data in OpenAIRE





OpenAIRE Guidelines for data sources

2/5

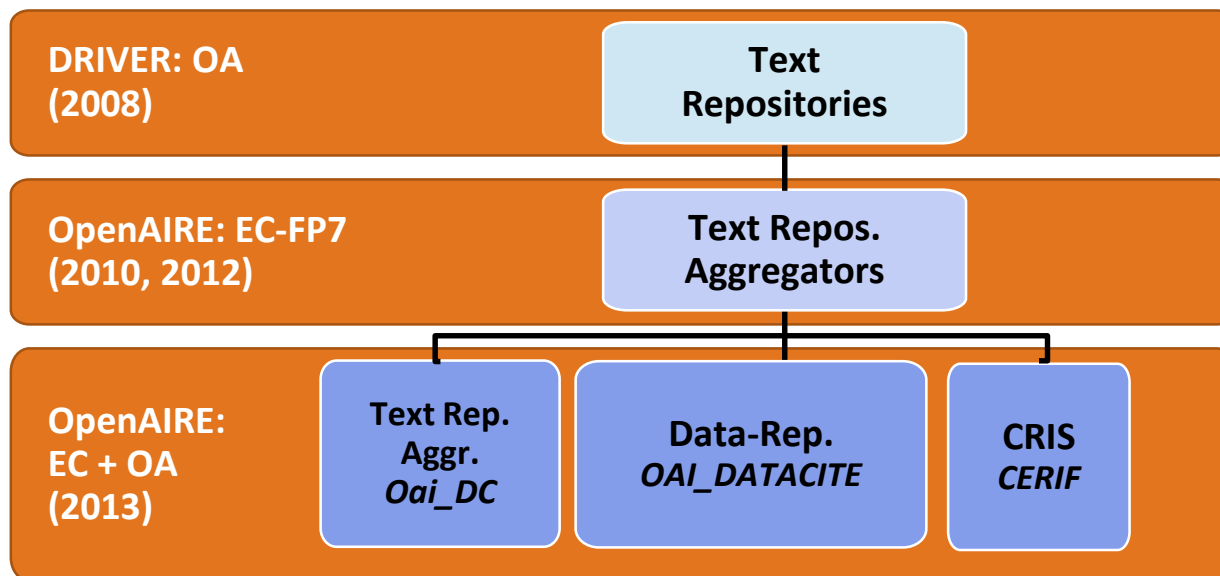
Where we started...

- **'oai_dc' 15 elements based on DCMES schema**
 - As established and 'lowest common denominator' OAI format
- **Used in numerous interpretations -> interoperability issue**
- **Requires agreements on syntax (use of OAI-PMH & oai_dc) and semantics (controlled vocabularies)**
 - DRIVER Guidelines v2 introduced in 2008
 - info:eu-repo Application Profile for encoding schemes
- **Mainly used to describe textual resources**
 - Continued in OpenAIRE Guidelines since 2009

In the meantime...

- **OpenAIRE scope & requirements have expanded since then**
 - By complementary types of data sources
 - For research data and research information
 - Non-textual content
 - Publication and data linking
 - Project contextualization
- **New global “authoritative” identifier based infrastructures**
 - For authors/contributors
 - funders / projects
 - research outputs

Guidelines Timeline



3 Guidelines for Data Providers

1 Literature
Repositories
(and journal platforms)
Dublin Core (DRIVER)

2 Data
Repositories
(and archives/data centres)
Datacite

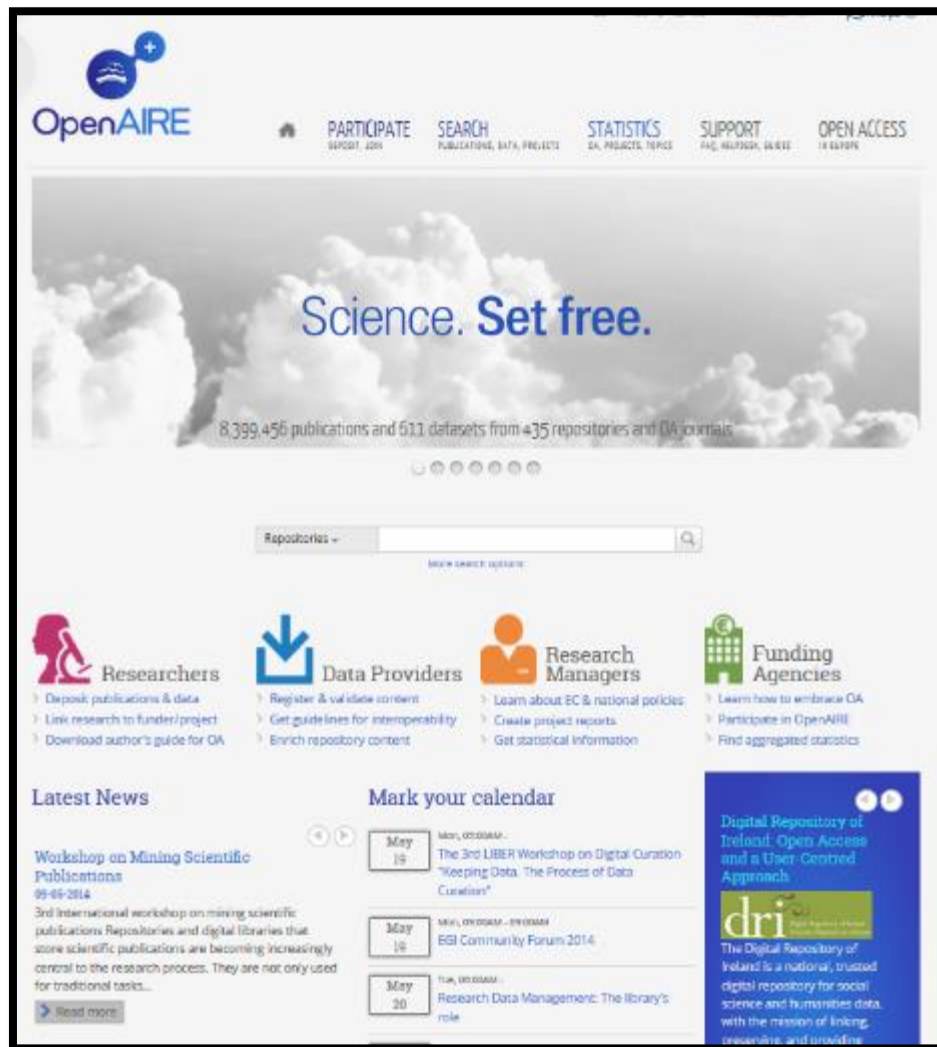
3 CRIS systems
CERIF-XML



How do they work?

- Identification of Open Access and funded research results by OAI-Sets:
 - 'ec-fundedresources'
 - 'openaire'
 - 'openaire_data'
- Latest schema guarantees backwards-compatibility with previous versions.
- Enhancing research results by metadata enrichment in OpenAIRE.

“Repository managers will be able to enable authors to fulfill the EC Commission Open Access requirements”



The screenshot shows the OpenAIRE website homepage. At the top, there is a navigation menu with links for PARTICIPATE, SEARCH, STATISTICS, SUPPORT, and OPEN ACCESS. Below the navigation is a large banner with the text "Science. Set free." and a sub-header "8,399,456 publications and 611 datasets from 435 repositories and OA journals". A search bar is located below the banner. The main content area is divided into four columns: Researchers, Data Providers, Research Managers, and Funding Agencies, each with a list of actions. Below this are sections for "Latest News" and "Mark your calendar" with a calendar view for May. On the right side, there is a blue box for the "Digital Repository of Ireland" (dri).

3 Guidelines for Data Providers

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(and journal platforms)
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CERIF-XML



Guidelines for Literature based Data Sources

- **Continues the DRIVER v2 Guidelines**
- **Transfer protocol primarily but not limited: OAI-PMH**
- **Metadata format (so far): oai_dc**
- **Application Profile (so far): info:eu-repo**
- **Extended by properties to describe**
 - Funder / Project information
 - Embargo Period / Embargo End Date
 - Open Access Status / Access Rights
 - Alternative Identifier
 - Referenced Dataset(s)
 - Referenced Publication(s)

OpenAIRE OAI-Set

- To group metadata relevant for OpenAIRE
 - See <https://www.openaire.eu/content-acquisition-policy/content-acquisition-policy/content-acquisition-policy>
 - Metadata about Open Access Publications
 - Metadata about Publications funded in EC-FP7 / H2020
 - Metadata about Publications funded by other funders
 - OpenAIRE provides information about supported funding information

	setName	setSpec*
The OpenAIRE set	OpenAIRE	openaire

OpenAIRE elements

projectID

access_rights

embargo_end_date

projectID

Element name	projectID
DCMI definition	dc:relation
Usage	Mandatory (if applicable)
Usage instruction	<p>A vocabulary of projects is exposed by the OpenAIRE API: http://api.openaire.eu/#cha_projects http , and available for all repository managers. Values include funder, project name and projectID.</p> <p>The projectID equals the Grant Agreement number, and is defined by the namespace: <code>info:eu-repo/grantAgreement/Funder/ FundingProgram/ProjectNumber/ Jurisdiction/ProjectName/ProjectAcronym/</code></p>
Example:	<pre><dc:relation>info:eu-repo/grantAgreement/EC/FP7/123456</dc:relation> <dc:relation>info:eu-repo/grantAgreement/EC/FP7/12345/EU//Acronym</dc:relation></pre>

Element name	accessRights
DCMI definition	dc:rights
Usage	Mandatory
Usage instruction	<p>Use values from vocabulary Access Rights at http://purl.org/eu-repo/semantics/#info-eu-repo-AccessRights</p> <ul style="list-style-type: none"> • info:eu-repo/semantics/closedAccess • info:eu-repo/semantics/embargoedAccess • info:eu-repo/semantics/restrictedAccess • info:eu-repo/semantics/openAccess
Examples:	<pre><dc:rights> info:eu-repo/semantics/openAccess </dc:rights></pre>

embargoEndDate

Element name	embargoEndDate
DCMI definition	dc:date
Usage	Mandatory (if applicable)
Usage instruction	<p>Recommended when accessRights = info:eu-repo/semantics/embargoedAccess</p> <p>The date type is controlled by the name space info:eu-repo/date/embargoEnd/, see http://wiki.surffoundation.nl/display/standards/info-eu-repo/#info-eu-repo-DateTypesandvalue. Encoding of this date should be in the form YYYY-MM-DD (conform ISO 8601).</p>

Examples:

<dc:date> **info:eu-repo/date/embargoEnd/2011-05-12** <dc:date>

Alternative Identifier

Element name	Alternative Identifier
DCMI definition	dc:relation
Usage	Recommended
Usage instruction	List alternative identifiers for this publication that are not the primary identifier (repository splash page), e.g., the DOI of publisher's version, the PubMed/arXiv ID. The term is defined by info:eu-repo/semantics/altIdentifier info:eu-repo/semantics/altIdentifier/<scheme>/<identifier> where <scheme> must be one of the following: ark,arxiv, doi, hdl, isbn, purl...
Example	<code><dc:relation> info:eu-repo/semantics/altIdentifier/doi/10.1234/789.1 </dc:relation></code>

Referenced Dataset

Element name	Referenced Dataset
DCMI definition	dc:relation
Usage	Recommended
Usage instruction	Encodes links to research datasets connected with this publication. The syntax of <code>info:eu-repo/semantics/dataset</code> is: <code>info:eu-repo/semantics/dataset/<scheme>/<identifier></code> where <code><scheme></code> must be one of the following: <code>ark,arxiv, doi, hdl, isbn, purl...</code>
Example	<code><dc:relation> info:eu-repo/semantics/dataset/doi/10.1234/789.1 </dc:relation></code>

Referenced Publication

Element name	Referenced Publication
DCMI definition	dc:relation
Usage	Recommended
Usage instruction	Encode links to publications referenced by this publication. The syntax of info:eu-repo/semantics/reference is: info:eu-repo/semantics/reference/<scheme>/<identifier> where <scheme> must be one of the following: ark, arxiv, doi, hdl, isbn...
Examples:	<code><dc:relation> info:eu-repo/semantics/reference/doi/10.1234/789.1 </dc:relation></code>

Meet H2020 OA Guidelines

https://www.iprhelphdesk.eu/sites/default/files/newsdocuments/Open_Access_in_H2020.pdf

Property	DC Field	Value
EU funding acknowledgment	dc:contributor	“controlled” terms : ["European Union (EU)" and "Horizon 2020"] ["Euratom" and "Euratom research and training programme 2014-2018"]
Peer reviewed	dc:type	info:eu-repo/semantics/publishedVersion
Embargo period	dc:date dc:rights	<ul style="list-style-type: none"> info:eu-repo/date/embargoEnd/<YYYY-MM-DD> <YYYY-MM-DD> (<i>as publication date</i>) info:eu-repo/semantics/embargoedAccess
Project information	dc:relation	info:eu-repo/grantAgreement/EC/H2020/[ProjectID]/[Jurisdiction]/[ProjectName]/[ProjectAcronym]/
Persistent identifier	dc:identifier or dc:relation	
License	dc:rights	URL of license condition
Persistent IDs for authors and contributors	dc:creator dc:contributor	<Lastname, Firstname; id_orcid 0000-0000-0000-0000>
Reference to related research outcome	dc:relation	info:eu-repo/semantics/dataset/<scheme>/<id>

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Guidelines for Research Data based Data Sources

- **Based on DataCite metadata scheme**
 - Proven standard for heterogeneous data sources and cross-disciplinary archives
 - Maintained by a trusted and sustainable organization
 - Support of data citation
- **Metadata Format: [oai_datacite](#)**
- **OAI-Set: [openaire_data](#)**
- **Zenodo as reference implementation for OpenAIRE Data Repository Guidelines**

Guidelines for Research Data based Data Sources

- **Adaptations for OpenAIRE:**
 - Incl. additional PID schemes to DOI, e.g.URN, ARC ...
 - Recommends links to related publications & datasets
 - Recommends Contributor prop.
to relate dataset to funding information
 - Date and Description prop. are mandatory
 - Enforces (info:eu-repo) encoding scheme
on Rights property

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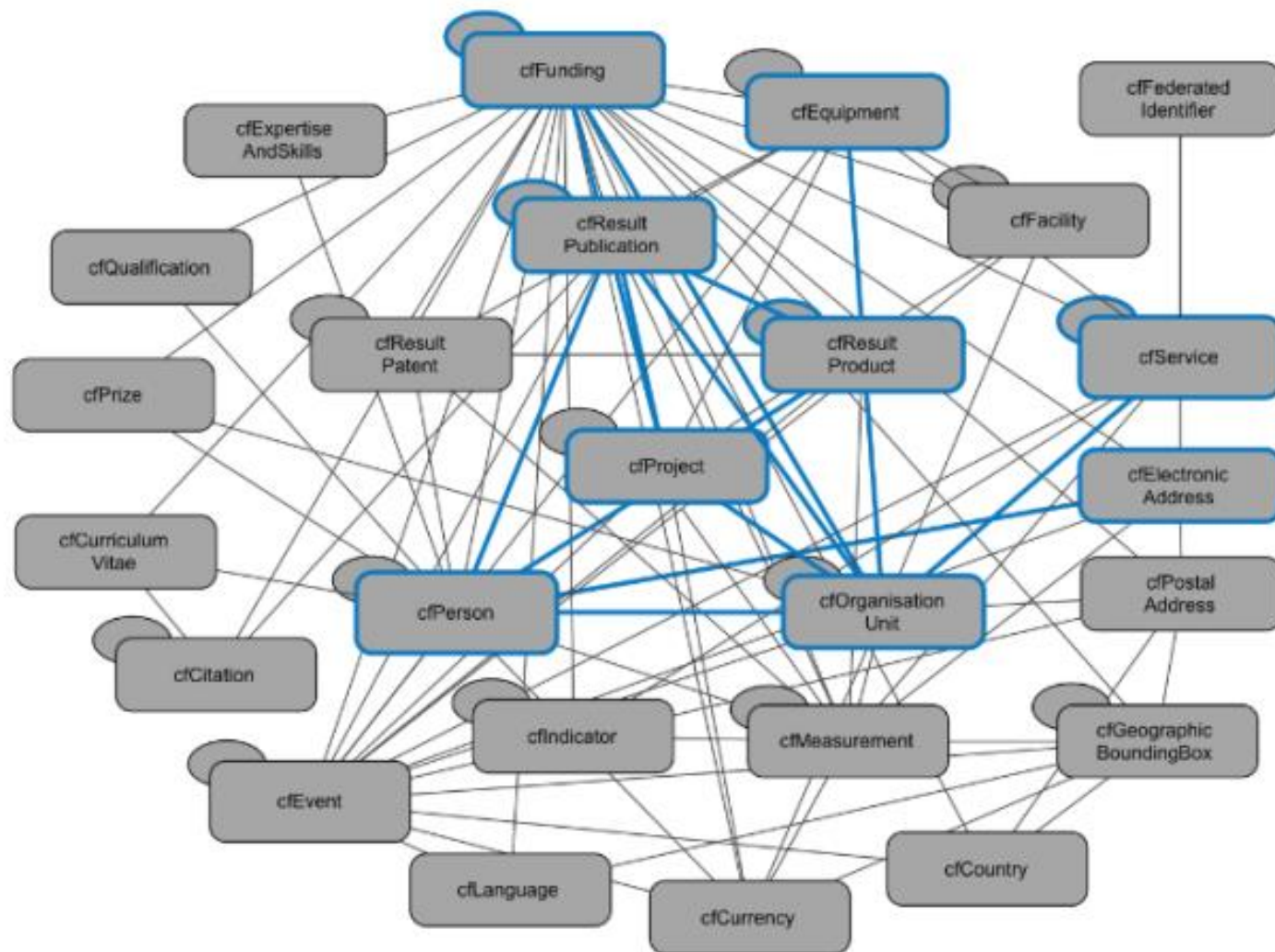
3 CRIS systems
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Guidelines for CRIS Managers based on CERIF-XML

- CERIF as de facto standard for CRIS data model
 - Entities for organization, person, project, output, data ..
- CERIF-XML as data exchange standard
(in the CRIS world)
- Maintained by euroCRIS as sustainable organization

Relevant CERIF Entities for OpenAIRE



Guidelines for CRIS Managers based on CERIF-XML

- **Adaptations for OpenAIRE:**
 - Subset of CERIF entities relevant for OpenAIRE
- **Semantic Interoperability**
 - Reuse of CERIF Semantics vocabularies for classification and definition of relationships between entities
 - Consistency with the other OpenAIRE Guidelines
 - E.g. resource types, access rights

OpenAIRE Compatibility

Status: Levels and OAI Sets

OpenAIRE basic

Only Open
Access content

via driver oai
set

OpenAIRE 2.0

EC funded
content

via
ec_fundedres
ources oai set

OpenAIRE 2.0 +

Open Access
and EC funded
content

via driver and
ec_fundedreso
urces oai set

OpenAIRE 3.0

Open Access
and/or EC
funded and/or
National/other
funded content

via openaire
oai set



Adoption and Mapping

with other repository networks

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LA Referencia aligned with OpenAIRE Guidelines

- **Latin America Open Access Repositories Network**
- **Central metadata elements and use of vocabularies**
 - Access rights: openAccess; embargoedAccess
 - Use of Creative Commons licenses recommended
- **Considers regional aspects compared to OpenAIRE regarding**
 - Mandatory , mandatory if applicable and recommended use of metadata fields
- **Collaboration between LA Referencia and OpenAIRE ensures future compatibility of the guidelines**



OpenAIRE Guidelines, RIOXX and the case in UK

- RIOXX to support UK repositories for compliancy with funder OA policies (RCUK, HEFCE)
- Introduction of element / attributes to encode project / funder information
- Based on oai_dc + rioxx terms and rioxx attributes
- Supports NISO-ALI
- Support of EC-H2020 OA mandate is (currently) done via agreed mapping between RIOXX and OpenAIRE Literature Guidelines

rioxx



Future Directions

Next steps

4/5

Innovative Scholarly Services – Need of Improved Metadata Quality

- **Features**

- Disambiguation by identifiers for authors / contributors, funders / project grants, research outputs
- Explicit links to landing pages and fulltext files
- Explicit links between publications and other research outputs
- Detailed bibliographic citation information
- Explicit and machine readable license information

- **Future proof**

- Compatible with linked data principles
- Extensibility towards Open Science properties

- **Backward compatibility and low-barrier upgrade**

- Following DCMI Guide on Publishing Metadata (dcterms)
- COAR IG Controlled Vocabularies

Innovative Scholarly Services – Need of Network Alignment

- **Alignment & collaboration needed between major repository initiatives**
 - LA Referencia, SHARE, RIOXX, OpenAIRE, ...
 - **COAR-CASRAI OA Interoperability WG**
 - Alignment on metadata elements and vocabularies
 - **COAR IG Controlled Vocabularies**
 - Community driven effort to supersede info:eu-repo application profile
 - Working on an up to date technological standard
 - Editorial Board to ensure expertise and long-term support

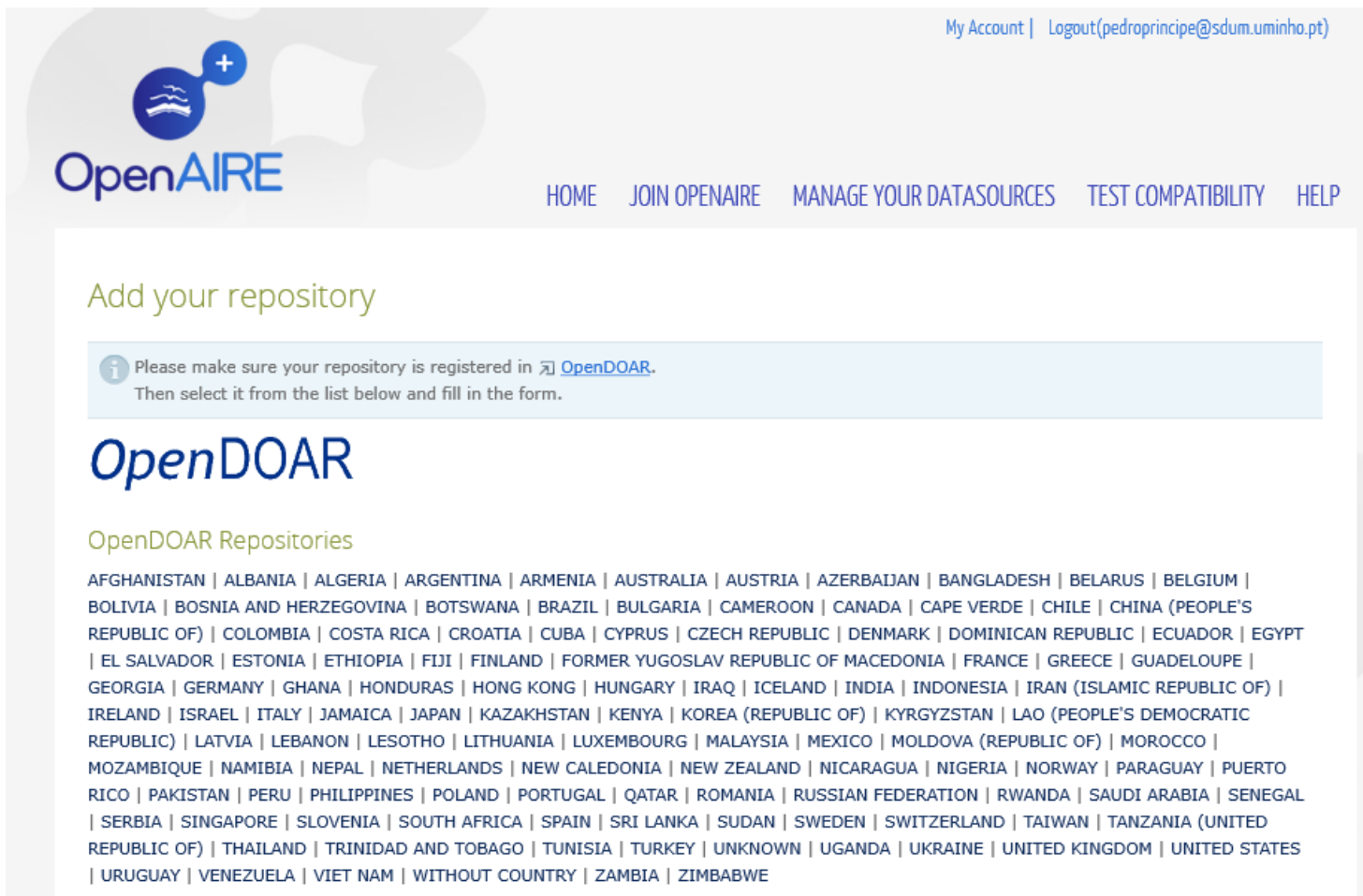


Tools for Repositories Compatibility

Validator, API,
software add-ons



Via validator tool

A screenshot of the OpenAIRE website's registration page. The page has a light blue and white color scheme. At the top right, there are links for "My Account" and "Logout(pedroprincipe@s dum.uminho.pt)". The OpenAIRE logo is on the left, and a navigation menu with "HOME", "JOIN OPENAIRE", "MANAGE YOUR DATASOURCES", "TEST COMPATIBILITY", and "HELP" is on the right. The main content area is titled "Add your repository" and includes an information box with an 'i' icon stating: "Please make sure your repository is registered in [OpenDOAR](#). Then select it from the list below and fill in the form." Below this is the "OpenDOAR" heading and a list of countries under "OpenDOAR Repositories".

My Account | Logout(pedroprincipe@s dum.uminho.pt)

OpenAIRE

HOME JOIN OPENAIRE MANAGE YOUR DATASOURCES TEST COMPATIBILITY HELP

Add your repository

i Please make sure your repository is registered in [OpenDOAR](#). Then select it from the list below and fill in the form.

OpenDOAR

OpenDOAR Repositories

AFGHANISTAN | ALBANIA | ALGERIA | ARGENTINA | ARMENIA | AUSTRALIA | AUSTRIA | AZERBAIJAN | BANGLADESH | BELARUS | BELGIUM | BOLIVIA | BOSNIA AND HERZEGOVINA | BOTSWANA | BRAZIL | BULGARIA | CAMEROON | CANADA | CAPE VERDE | CHILE | CHINA (PEOPLE'S REPUBLIC OF) | COLOMBIA | COSTA RICA | CROATIA | CUBA | CYPRUS | CZECH REPUBLIC | DENMARK | DOMINICAN REPUBLIC | ECUADOR | EGYPT | EL SALVADOR | ESTONIA | ETHIOPIA | FIJI | FINLAND | FORMER YUGOSLAV REPUBLIC OF MACEDONIA | FRANCE | GREECE | GUADELOUPE | GEORGIA | GERMANY | GHANA | HONDURAS | HONG KONG | HUNGARY | IRAQ | ICELAND | INDIA | INDONESIA | IRAN (ISLAMIC REPUBLIC OF) | IRELAND | ISRAEL | ITALY | JAMAICA | JAPAN | KAZAKHSTAN | KENYA | KOREA (REPUBLIC OF) | KYRGYZSTAN | LAO (PEOPLE'S DEMOCRATIC REPUBLIC) | LATVIA | LEBANON | LESOTHO | LITHUANIA | LUXEMBOURG | MALAYSIA | MEXICO | MOLDOVA (REPUBLIC OF) | MOROCCO | MOZAMBIQUE | NAMIBIA | NEPAL | NETHERLANDS | NEW CALEDONIA | NEW ZEALAND | NICARAGUA | NIGERIA | NORWAY | PARAGUAY | PUERTO RICO | PAKISTAN | PERU | PHILIPPINES | POLAND | PORTUGAL | QATAR | ROMANIA | RUSSIAN FEDERATION | RWANDA | SAUDI ARABIA | SENEGAL | SERBIA | SINGAPORE | SLOVENIA | SOUTH AFRICA | SPAIN | SRI LANKA | SUDAN | SWEDEN | SWITZERLAND | TAIWAN | TANZANIA (UNITED REPUBLIC OF) | THAILAND | TRINIDAD AND TOBAGO | TUNISIA | TURKEY | UNKNOWN | UGANDA | UKRAINE | UNITED KINGDOM | UNITED STATES | URUGUAY | VENEZUELA | VIET NAM | WITHOUT COUNTRY | ZAMBIA | ZIMBABWE

Join OpenAIRE today!

The OpenAIRE services provide you with an easy way to validate your repository/journal and register it into the OpenAIRE network. To begin, read [these instructions](#).

1

[Test the compatibility](#) of your repository/journal or aggregator to the [OpenAIRE guidelines](#) for

- ✓ Publication Repositories / Journals / Aggregators
- ✓ Data Archives/Repositories

2

[Register your literature repository](#) , [data repository](#) , [journal](#) or [aggregator](#) in OpenAIRE

For more information check the [FAQ](#).

If you need further assistance please contact us through the [OpenAIRE Helpdesk](#).

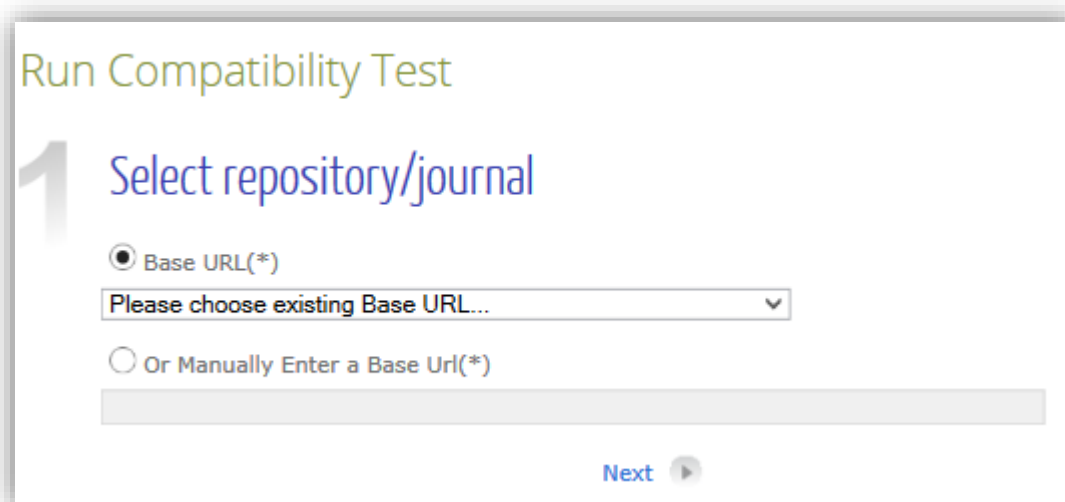
Test the OpenAIRE Compliance

The OpenAIRE provides its validator service:

www.openaire.eu/validator

Users can:

- Verify if the repository is truly compatible with the guidelines.
- Run a compatibility test (enter the **OAI-PMH base URL**).

A screenshot of the OpenAIRE Validator's "Run Compatibility Test" interface. The page title is "Run Compatibility Test" in green. Below it, a large blue number "1" is followed by the heading "Select repository/journal". There are two radio button options: "Base URL(*)" (which is selected) and "Or Manually Enter a Base Url(*)". Under the selected option, there is a dropdown menu with the text "Please choose existing Base URL...". Under the unselected option, there is a text input field. At the bottom right of the form, there is a "Next" button with a right-pointing arrow.

Run Compatibility Test: View/Select Rules

for Usage

Use of OAI-DC (M)

Use of OAI-PMH:

'openaire' or

'ec_fundedresources' or

'driver' set must exist (M)

Use of OAI-PMH:

'openaire' set must exist (M)

driver set must exist (R)

ec_fundedresources set must

exist (openaire2.0)

for Content

Field Access Level (M)

Field Alternative Identifier (R)

Field Audience (R)

Field Contributor (R)

Field Coverage (R)

Field Creator (M)

Field Date of Publication (M)

Field Description (MA)

Field Embargo End Date (MA)

Field Format (R)

Field Language (R)

Field License Condition (R)

Field Project Identifier for
ecfundedresources (M)

Field Project Identifier for
openaire(MA)

Field Publication Type (M)

Field Publication Version (R)

Field Publisher (MA)

Field Referenced Dataset (R)

Field Referenced Publication (R)

Field Resource Identifier (M)

Field Source (M)

Field Subject (MA)

Field Title (M)

Chapter 4. Bulk access to projects

Table of Contents

DSpace/ePrints

The APIs offer custom access to metadata about projects funded by a selection of international funders for the DSpace and EPrints platforms.

The currently supported funding streams and relative codes are:

- FP7: The 7th Framework Programme funded by the European Commission
- WT: Wellcome Trust funding programme
- H2020: Horizon2020 Programme funded by the European Commission
- FCT: the funding programme of Fundação para a Ciência e a Tecnologia, the national funding agency of Portugal
- ARC: the funding programme of the Australian Research Council
- NHMRC: the funding programme of the Australian National Health and Medical Research Council

Coming soon:

- SFI: Science Foundation Ireland
- CSF: Croatian Science Foundation
- MSES: Ministry of Science, Education and Sports of the Republic of Croatia

DSpace/ePrints

DSpace endpoint: [http://api.openaire.eu/projects/dspace/\\$fundingStream/ALL/ALL](http://api.openaire.eu/projects/dspace/$fundingStream/ALL/ALL)

ePrints endpoint: [http://api.openaire.eu/projects/eprints/\\$fundingStream/ALL/ALL](http://api.openaire.eu/projects/eprints/$fundingStream/ALL/ALL)

<http://api.openaire.eu/>

Need to integrate project and funding information into your institutional repository based on DSpace or ePrints?

- Go for the [DSpace/ePrints endpoints](#).

Do you prefer a TSV with the list of projects by funding?

- [TSV endpoint](#) is meant for

DSpace/ePrints

DSpace endpoint: [http://api.openaire.eu/projects/dspace/\\$fundingStream/ALL/ALL](http://api.openaire.eu/projects/dspace/$fundingStream/ALL/ALL)

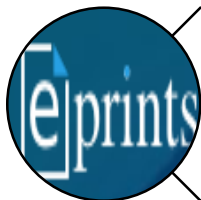
ePrints endpoint: [http://api.openaire.eu/projects/eprints/\\$fundingStream/ALL/ALL](http://api.openaire.eu/projects/eprints/$fundingStream/ALL/ALL)

Addons, patches or plugins for Repositories & Journals software



Dspace add-ons and versions compliance

<https://wiki.duraspace.org/pages/viewpage.action?pageId=33238567>



OpenAIRE Plug-in (OpenAIRE 2.0) <http://files.eprints.org/649/>

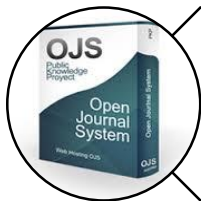
EPrints - OpenAIRE compliance example (3.0)

<https://gist.github.com/alenkovich/9596992>



OAI_DC_OpenAIRE implementation for Zenodo

https://github.com/zenodo/zenodo/blob/master/zenodo/base/format_templates/OAI_DC_OpenAIRE.xsl



OJS Plugin: OpenAIRE

<http://pkp.sfu.ca/support/forum/viewtopic.php?f=28&t=7085>

+ OJS DRIVER-Plug-In

OpenAIRE compatibility for different DSpace versions

Dspace 1.8.2 Via **OAIextended** add-on and also via **XOAI** add-on

- Compatibility with OpenAIRE 2.0 guidelines

DSpace 3 **OAI 2.0 is a standard part of DSpace 3.0**

- Compatibility with OpenAIRE 2.0 guidelines via XOAI.
- (fix 'info:eu-repo/grantAgreement/EC/FP' on the filter 'openairerelationFilter')

DSpace 4 **OAI 2.0 is a standard part of DSpace 4.0**

- OpenAIRE 2.0 compatibility via XOAI

DSpace 5 **OAI 2.0 is a standard part of DSpace 5.0**

- OpenAIRE 2.0 compatibility via XOAI and will be partially compatible with OpenAIRE 3.0 guidelines via patch (to be presented) .

OAI 2.0

OAI 2.0 is a standard part of DSpace 3.0, 4.0 and 5.0

What is OAI 2.0?

OAI 2.0 is a Java implementation of an OAI-PMH data provider interface that uses XOAI, an OAI-PMH Java Library.

Why OAI 2.0?

Projects like OpenAIRE, DRIVER have specific metadata requirements.

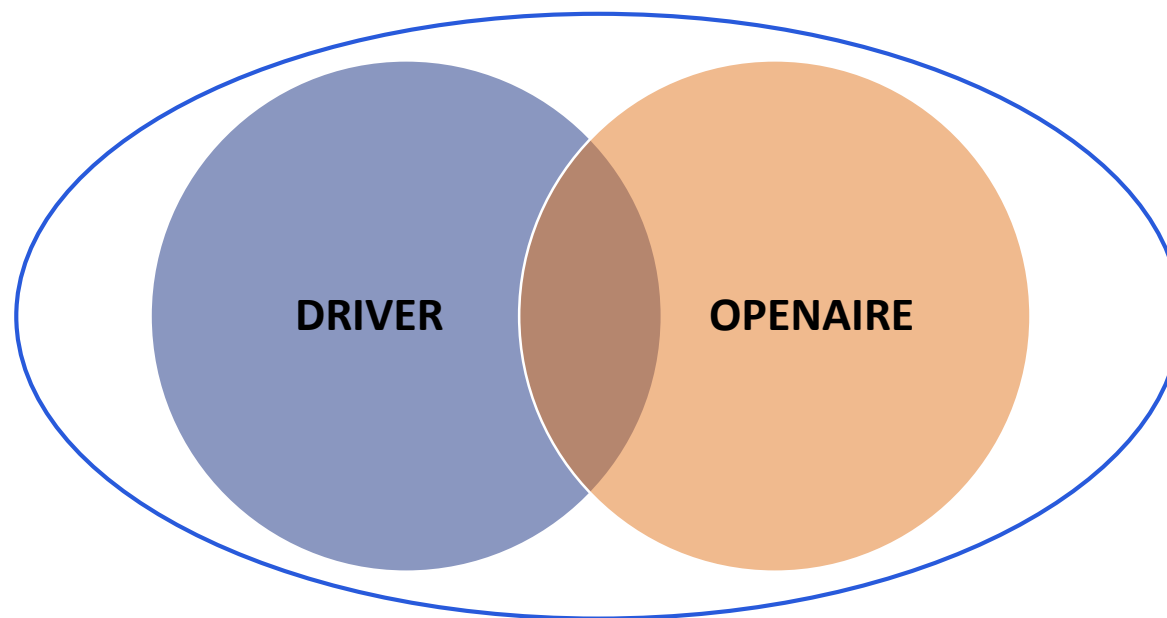
As the OAI-PMH protocol doesn't establish any frame to these specifics, OAI 2.0 can have more than one instance of an OAI interface (feature provided by the XOAI core library) so one could define an interface for each project.

OAI 2.0

Concepts: **Filter**, **Transformer** and **Context**

- With a Filter is possible to select information from the data source.
- A Transformer allows to make some changes in the metadata before showing it in the OAI interface
- OAI 2.0 also adds a new concept to the OAI-PMH basic specification, the concept of context.
 - ✓ <http://www.example.com/xoai/driver>
 - ✓ <http://www.example.com/xoai/openaire>
 - ✓ <http://www.example.com/xoai/request>

Contexts could be seen as virtual distinct OAI interfaces



- ✓ <http://repositorium.sdum.uminho.pt/oai/driver>
- ✓ <http://repositorium.sdum.uminho.pt/oai/openaire>
- ✓ <http://repositorium.sdum.uminho.pt/oai/request>

OAI 2.0 (record in openaire set)

https://repositorium.sdum.uminho.pt/oai/openaire?verb=GetRecord&metadataPrefix=oai_dc&identifier=oai:repositorium.sdum.uminho.pt:1822/34546

Space OAI-PMH Data Provider Identify S

Response Date 2015-10-22 15:40:35

Record Details

Identifier oai:repositorium.sdum.uminho.pt:1822/34546 Last Modified 2015-10-20 13:52:55

Sets

- [com_1822_1](#)
- [com_1822_956](#)
- [com_1822_24165](#)
- [col_1822_3](#)
- [col_1822_957](#)
- [openaire](#)

311775); COST Action FA1106 – QualityFruit, “An integrated systems approach to deter west collaboration for grapevine diversity exploration and mobilization of adaptive traits

<dc:date>2014-05-29</dc:date>
<dc:date>info:eu-repo/date/embargoEnd/2017-05-30</dc:date>
<dc:type>info:eu-repo/semantics/doctoralThesis</dc:type>
<dc:identifier>http://hdl.handle.net/1822/34546</dc:identifier>
<dc:language>eng</dc:language>
<dc:relation>info:eu-repo/grantAgreement/EC/FP7/311775/EU</dc:relation>
<dc:relation>info:eu-repo/grantAgreement/FCT/5876-PPCDTI/100636/PT</dc:relation>
<dc:rights>info:eu-repo/semantics/embargoedAccess</dc:rights>
</oai_dc:dc>

Dspace Add-ons for project ids

Using the projects list provided by the OpenAIRE API

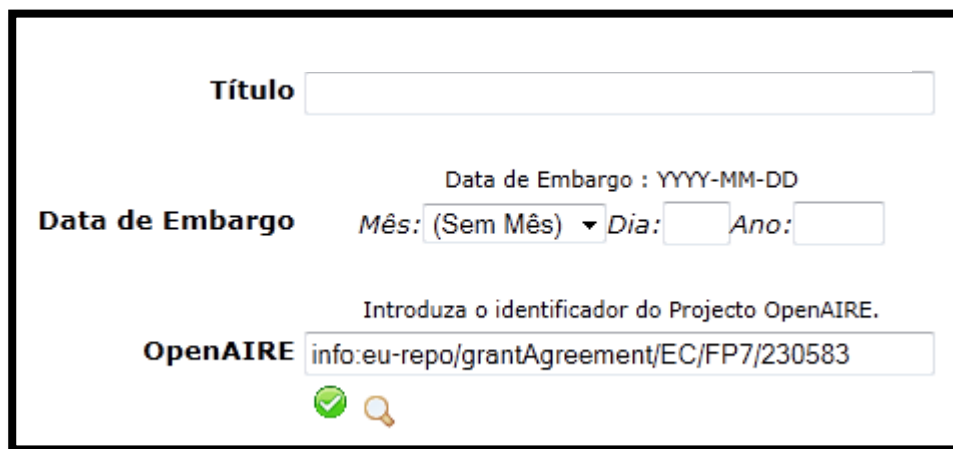
- **OpenAIRE Authority Control**
 - Dspace 3.2
 - <http://goo.gl/cEPTZN> (updated March 2014)
 - Dspace 1.8.2
 - <http://projeto.rcaap.pt/index.php/lang-en/consultar-recursos-de-apoio/remository?func=fileinfo&id=354>
- **OpenAIRE funders projects list addon (NEW)**
 - In use on the RCAAP Project (PT repositories)
 - <https://gitlab.fccn.pt/dev-rcaap/addon-openaire/tree/OpenAIRE5.X>
 - <https://gitlab.fccn.pt/dev-rcaap/addon-openaire/tree/OpenAIRE3.X>

Allows users to search and include EC (+ WT + FCT) projects ID in the metadata of the records disposed in accordance with OpenAIRE

OpenAIRE

Authority Control Add-on

- Allows users to search and include FP7 project IDs in the metadata of the records disposed in accordance with the guidelines

A screenshot of a web form for the OpenAIRE Authority Control Add-on. The form is enclosed in a black border and contains the following elements:

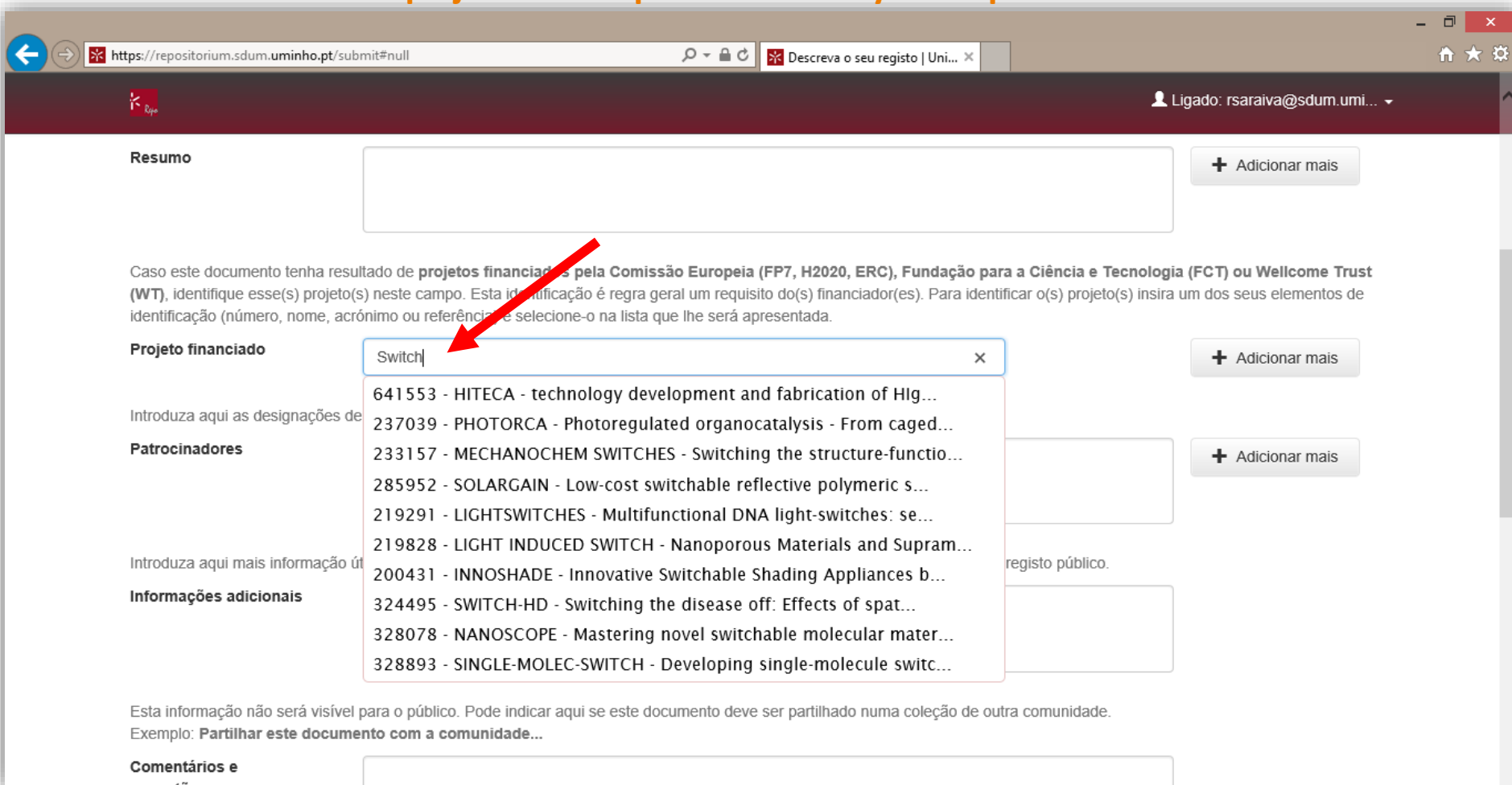
- A text input field labeled "Título" (Title).
- A section for "Data de Embargo" (Embargo Date) with the instruction "Data de Embargo : YYYY-MM-DD". It includes a dropdown menu for "Mês:" (Month) with "(Sem Mês)" (No Month) selected, and input fields for "Dia:" (Day) and "Ano:" (Year).
- A section for "OpenAIRE" with the instruction "Introduza o identificador do Projecto OpenAIRE." (Enter the OpenAIRE project identifier). The input field contains the text "info:eu-repo/grantAgreement/EC/FP7/230583".
- Below the OpenAIRE input field, there is a green checkmark icon and a magnifying glass icon.

**** Needs the OAIextended Add-on to create the set (ec_fundedresources)***

OpenAIRE Funders Projects List Add-on

Searching by the name, acronym or the project id number

Select the project and accept... the necessary namespace will be filled



The screenshot shows a web browser window with the URL <https://repositorium.sdum.uminho.pt/submit#null>. The page is titled "Descreva o seu registo | Uni...". The user is logged in as "rsaraiva@sdum.umi...".




The main content area is divided into sections:

- Resumo**: A large empty text box with a "+ Adicionar mais" button.
- Projeto financiado**: A search box containing "Switch". A dropdown menu is open, showing a list of project entries with their IDs and titles. A red arrow points to the search box. The list includes:
 - 641553 - HITECA - technology development and fabrication of Hig...
 - 237039 - PHOTORCA - Photoregulated organocatalysis - From caged...
 - 233157 - MECHANOCHEM SWITCHES - Switching the structure-functio...
 - 285952 - SOLARGAIN - Low-cost switchable reflective polymeric s...
 - 219291 - LIGHTSWITCHES - Multifunctional DNA light-switches: se...
 - 219828 - LIGHT INDUCED SWITCH - Nanoporous Materials and Supram...
 - 200431 - INNOSHADE - Innovative Switchable Shading Appliances b...
 - 324495 - SWITCH-HD - Switching the disease off: Effects of spat...
 - 328078 - NANOSCOPE - Mastering novel switchable molecular mater...
 - 328893 - SINGLE-MOLEC-SWITCH - Developing single-molecule switc...
- Patrocinadores**: A search box with a "+ Adicionar mais" button.
- Informações adicionais**: A search box with a "+ Adicionar mais" button.

At the bottom, there is a checkbox for "Partilhar este documento com a comunidade..." and a "Comentários e" section.

Metadata edition

Unlocking dc.relation and searching by the name, acronym or the project id number
Select the project and accept... the necessary namespace will be filled

dc	relation	<input type="text" value="info:eu-repo/grantAgreement/FCT/5876-PPCDTI/127180/PT"/>	<input type="text"/>	
		<input checked="" type="checkbox"/> <input type="text" value="40653"/>	<input type="text"/>	<input type="text"/>
dc	relation	<input type="text" value="238665"/>	<input type="text"/>	
		 <input type="text"/>	<input type="text"/>	<input type="text"/>

Note: Red arrows point to the lock icon and the search icon in the bottom row of the form.

Example: <http://hdl.handle.net/1822/21091>



dc.publisher	Elsevier	por
dc.relation	info:eu-repo/grantAgreement/EC/FP7/259772/EU	-
dc.relation	info:eu-repo/grantAgreement/FCT/5876-PPCDTI/111814/PT	-
dc.relation	info:eu-repo/grantAgreement/EC/FP7/238665/EU	-

Some results in OpenAIRE...

All

Search keywords

SEARCH

Publications

Research Data

Projects

People

Organizations

Data Providers

FUNDER	ACCESS MODE	PUBLICATION YEAR	DOCUMENT TYPE
European Commission (EC) (207179) Wellcome Trust (WT) (12748) Fundação para a Ciênc... (11697) Australian Research C... (5521) NHMRC (4476)	Open Access (12717112) Restricted (240514) Closed Access (148127) not available (4539) Embargo (3563)	2013 (1202145) 2012 (1160530) 2014 (1107246) 2011 (1070120) 2010 (899470) View more	Article (9435195) Unknown (1132816) Doctoral thesis (434165) Preprint (396329) Other (359181) View more
<div style="border: 1px solid #ccc; padding: 2px 5px; display: inline-block;">Fundação para a Ciência e a Tecnologia, I.P. (FCT)</div>			
DOCUMENT LANGUAGE	DATA PROVIDER	COMMUNITIES	
English (7562090) Undetermined (1563472) Russian (817690) French (464767) Spanish (407582) View more	Europe PubMed Central (3309986) DOAJ-Articles (2046101) arXiv.org e-Print Arc... (1069758) CyberLeninka - Russia... (755987) Research Papers in Ec... (653586) View more	EGI (4096) FET (3769)	

Useful Links:

Find and discuss the guidelines at: <https://guidelines.openaire.eu>

Test and register the repository at: <http://validator.openaire.eu>

Find support at: <https://www.openaire.eu/support/helpdesk>

Access the OpenAIRE API documentation: <http://api.openaire.eu>

About COAR Repository Interoperability:

<http://coar-repositories.org/activities/repository-interoperability>

Find the guide for Repository Managers at:

<https://www.openaire.eu/rep-man-toolkit/repository-managers>

Search for OpenAIRE data providers at:

<https://www.openaire.eu/search/openaire-data-providers>

See the OpenAIRE Content Acquisition policy at:

<https://www.openaire.eu/openaire-s-content-acquisition-policy/download>

Ricardo Saraiva, rsaraiva@sdum.uminho.pt

Thank You!

Find and discuss at: <https://guidelines.openaire.eu>

Contact us: guidelines@openaire.eu



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