

OpenAIRE interoperability guidelines: updates and use-cases

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OpenAIRE week 2020 | 12.-16. October 2020



Agenda

Fundamentals of OpenAIRE guidelines

Canada Research - OpenAIRE Compliant Canadian Aggregator

Making Research Information visible to the EOSC via
OpenAIRE

Questions & Answers



Fundamentals of OpenAIRE Guidelines

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

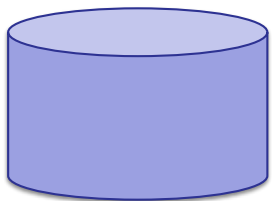
OTHER RESEARCH PRODUCTS

Catch-all Repositories

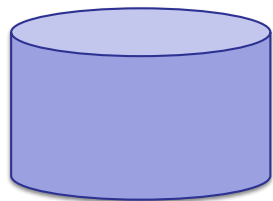
RESEARCH INFORMATION

Project, Funder,
Organisation Units,... (CRIS)

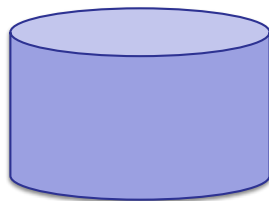
Landscape of Repositories types



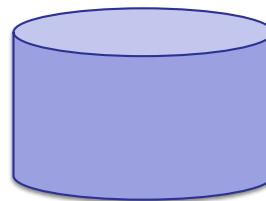
Institutional/
publication
repositories



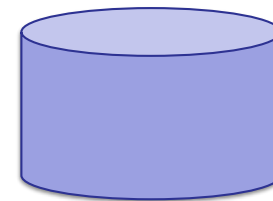
Journals/
publishers



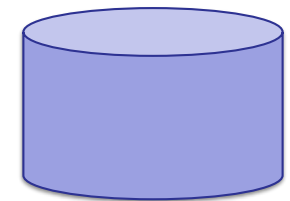
Data
repositories



Software
repositories

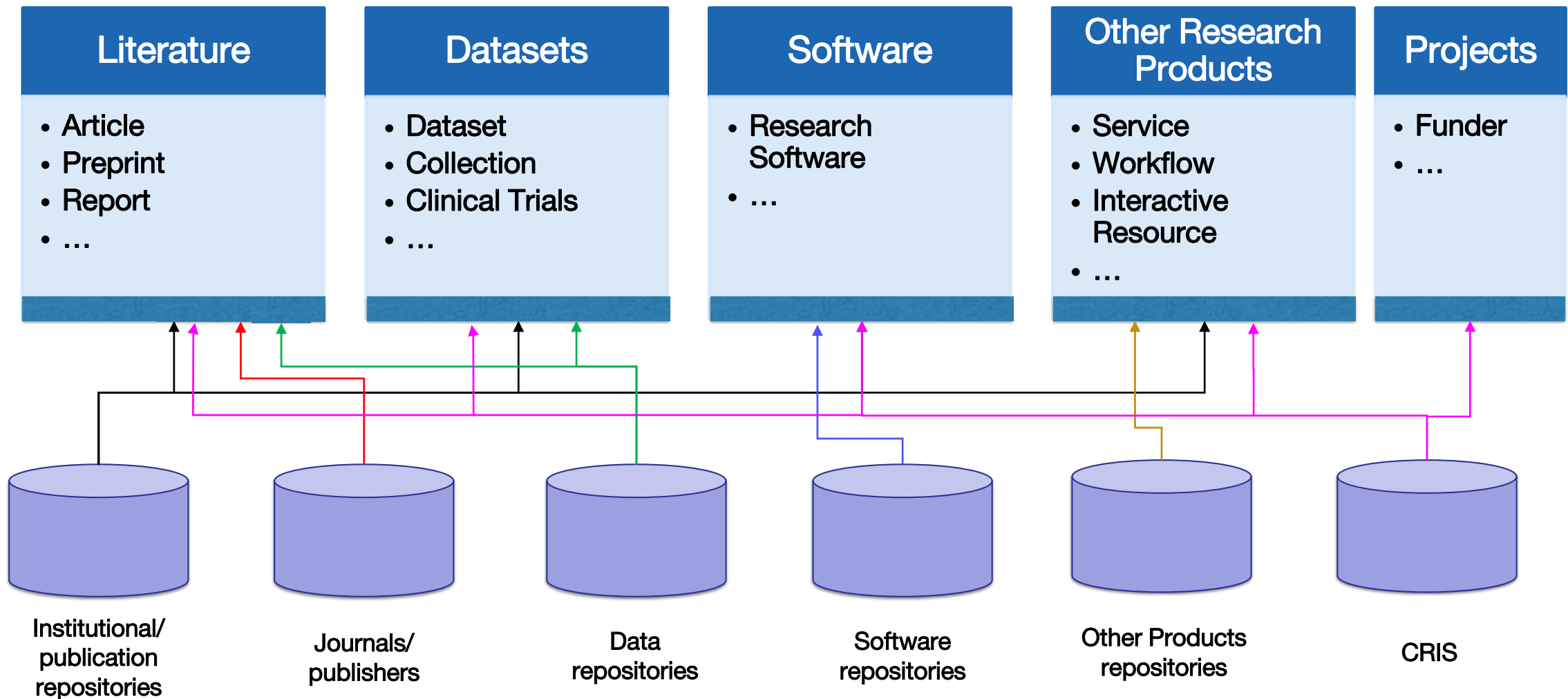


Other Products
repositories



CRIS

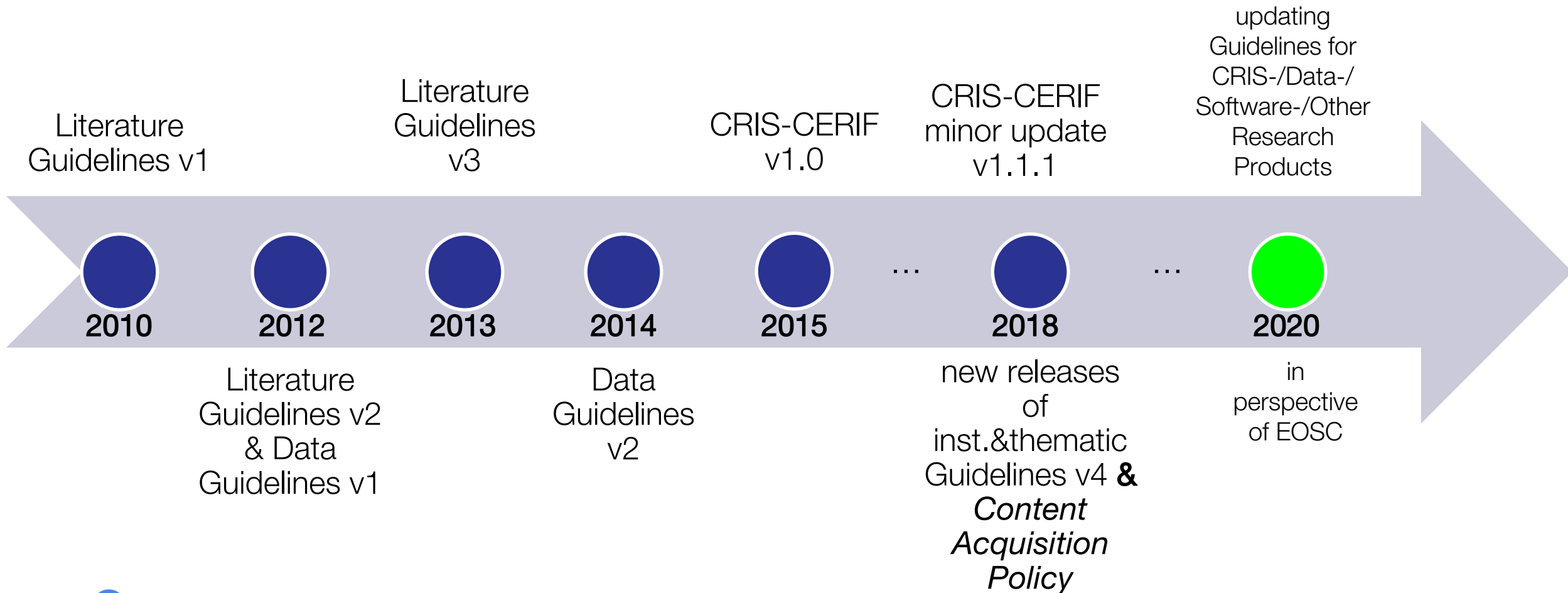
Repository types and research output



OpenAIRE Guidelines Objectives

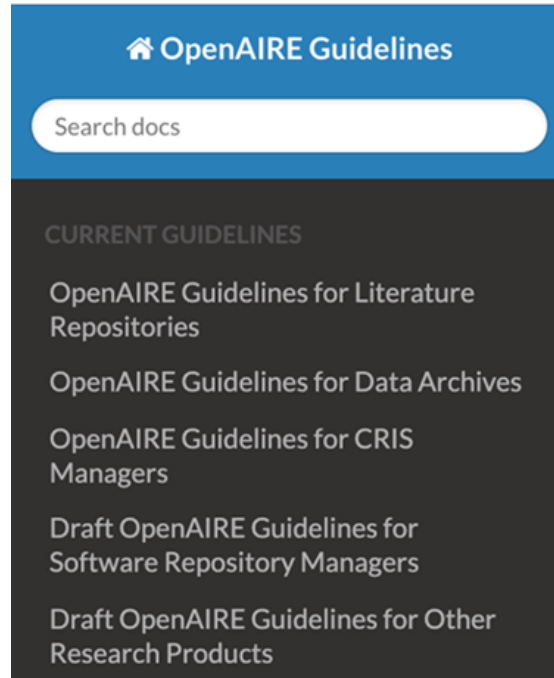
- to improve interoperability of metadata information exchange
- to support FAIR Data Principles
- by defining application profiles to describe different kinds of research products
- by re-using existing standards (Dublin Core, DataCite)
- by re-using vocabularies and extending them when necessary
 - e.g. for PID types

Evolution of the OpenAIRE-Guidelines - and further perspective



Guidelines for content providers

A common **metadata framework** for exchanging min metadata information



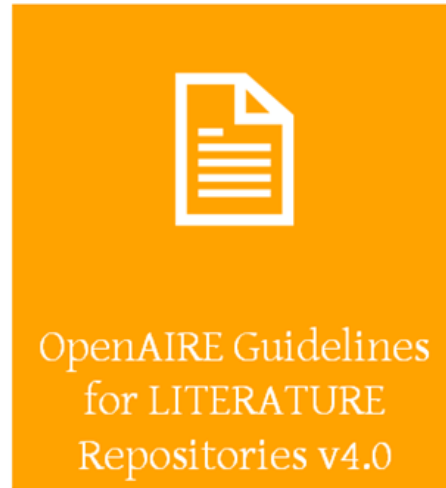
OpenAIRE Guidelines

Search docs

CURRENT GUIDELINES

- OpenAIRE Guidelines for Literature Repositories
- OpenAIRE Guidelines for Data Archives
- OpenAIRE Guidelines for CRIS Managers
- Draft OpenAIRE Guidelines for Software Repository Managers
- Draft OpenAIRE Guidelines for Other Research Products

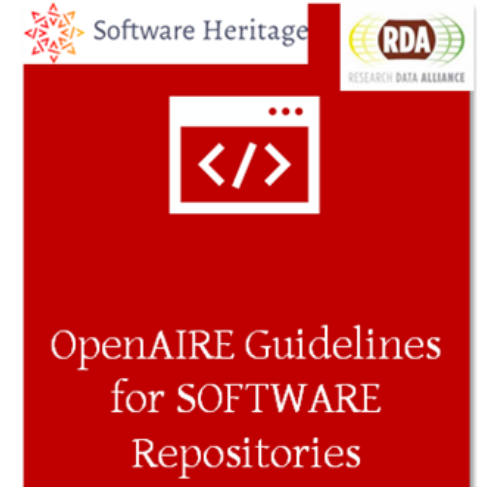
guidelines.openaire.eu



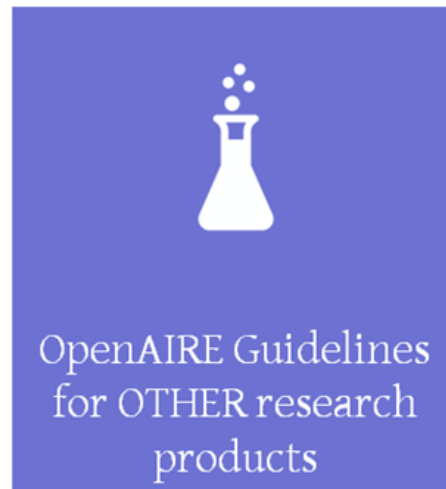
OpenAIRE Guidelines
for LITERATURE
Repositories v4.0



DataCite
OpenAIRE Guidelines
for DATA Repositories



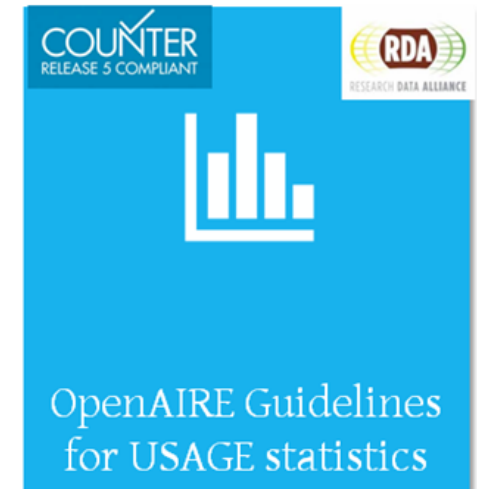
Software Heritage
RDA
RESEARCH DATA ALLIANCE
OpenAIRE Guidelines
for SOFTWARE
Repositories



OpenAIRE Guidelines
for OTHER research
products



euroCRIS
Current Research Information Systems
OpenAIRE Guidelines
for CRIS



COUNTER
RELEASE 5 COMPLIANT
RDA
RESEARCH DATA ALLIANCE
OpenAIRE Guidelines
for USAGE statistics