DCM23 Demo Submission

Dataverse Community Meeting 2023, June 5-7, 2023, Braga, Portugal

Onboarding dataverse repositories in OpenAIRE Provide: a gateway to the EOSC

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Demo presentation content

This proposal aims to present the OpenAIRE PROVIDE Dashboard service, detailing the main features and functionalities available for all the managers of data sources that are part or want to integrate the OpenAIRE infrastructure and are aiming to onboard research products in the EOSC catalogue.

The OpenAIRE PROVIDE Dashboard is a bundle of services for content providers to share and exchange metadata and content using the European Open Science Cloud (EOSC) metadata frameworks and rules of participation. Is a one-stop-service with added value services where content providers interact with OpenAIRE by validating and enriching the data source metadata and content and providing detailed information about the metadata aggregation stages and consolidated usage statistics reports.

The service provides metadata validation, reporting and brokering functionalities, providing feedback about gaps between EOSC data sources, maintaining an up-to-date scholarly record.

The Broker service provides the opportunity of content and metadata enrichment, allowing data sources to enrich their local metadata collections by subscribing to notifications of different types, such as: i) Missing or additional metadata values, including persistent identifiers (DOI and ORCIDs) and links to projects references (European Commission framework programs and other national funders, ii) Other versions of the publication (Related publications, cited datasets or software records).

Through the provide dashboard, managers can also enable the usage statistics service to track the usage activity of their data source, getting usage statistics reports and metrics based on the COUNTER Code of Practice standard. This functionality is provided by UsageCounts service, that collects usage data from data sources, aggregates them, delivering standardized activity reports about research usage.

As Dataverse software, since release 4.14, introduced OpenAIRE-compliant metadata exports following the OpenAIRE Guidelines for Data Archives, data repositories based on Dataverse are by default eligible to be

registered in OpenAIRE. This compatibility with OpenAIRE allows managers, not only to onboard their repositories the OpenAIRE and EOSC ecosystems, but also to follow global metadata standards helpful for interoperability, contributing to support open science.

This demo will demonstrate how OpenAIRE is contributing to enable trust within the European repositories network, the procedures to register Dataverse data repositories in OpenAIRE and how to benefit from the added value functionalities, as well as to present the benefits of being onboarded in the OpenAIRE and EOSC ecosystems.

Keywords

OpenAIRE, OpenAIRE Provide, EOSC, Interoperability

Related projects or initiatives

Not mandatory. Add useful links.

References

OpenAIRE: https://www.openaire.eu/

OpenAIRE PROVIDE: https://provide.openaire.eu/

OpenAIRE Guidelines for Data Archives: https://guidelines.openaire.eu/en/latest/data/index.html

EOSC Catalogue: https://marketplace.eosc-portal.eu/

Community meeting topics

FAIRness & interoperability