

OpenAIRE Content Provider Dashboard: recent developments from OpenAIRE Nexus and EOSC future projects

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Abstract

This proposal aims to present the OpenAIRE Content Provider Dashboard service, detailing the main features and functionalities available for all the managers of data sources that are part of the OpenAIRE infrastructure and want to onboard research products in the EOSC catalogue. This poster will outline the recent developments from two European projects – OpenAIRE Nexus and EOSC future – highlighting the main changes and improvements in this well establish service.

Keywords

OpenAIRE, Repositories, EOSC, Interoperability

Audience

Repository managers, librarians.

Proposal

This proposal aims to present the OpenAIRE Content Provider Dashboard serviceⁱ, 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.

This OpenAIRE infrastructure service is a result of previous OpenAIRE related project, such as OpenAIRE 2020 and OpenAIRE Advance, was improved within the OpenAIRE-Nexusⁱⁱ, an H2020 project that is onboarding to the EOSC fourteen OpenAIRE related services. Additionally, OpenAIRE is participating in the EOSC-futureⁱⁱⁱ project and contributing to the development of the EOSC research product catalogue within the expansion of the EOSC core services portal.

The OpenAIRE Provide Dashboard 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 OpenAIRE Validator service is used by content providers who wish to register their content to OpenAIRE and allows them to verify that it is compliant with the OpenAIRE guidelines. The service also checks the quality of implementation of the OAI-PMH protocol. Content providers can use the service after logging into OpenAIRE PROVIDE and if validation succeeds the provider is eligible to register and join the OpenAIRE infrastructure.

Broker is a service that allows content providers to complete and enrich metadata of their registered scholarly works with information from the OpenAIRE Research Graph^{iv}. It is a notification service which effectively fills your content with up-to-date information that you or your researchers may be missing, and which enables you to showcase the openness, FAIRness, usage, and links to other records.

OpenAIRE is a Non-Profit Partnership, established in 2018 as a legal entity, OpenAIRE A.M.K.E, to ensure a permanent open scholarly communication infrastructure and support research in Europe and beyond. OpenAIRE is making Open Science happen. Collectively and in practical ways. Its fields of expertise and activities include services, policies and training. Operating since 2009, OpenAIRE is an integral part and a leading force behind the European Open Science Cloud developments.

References, if applicable

ⁱ <https://provide.openaire.eu/about>

ⁱⁱ <https://www.openaire.eu/openaire-nexus-project>

ⁱⁱⁱ <https://eoscfuture.eu/about/ambitions/>

^{iv} <https://graph.openaire.eu/>