

D6.1 OPENAIRE DATA MODEL



OpenAIRE

Open Access Infrastructure for Research in Europe

30/04/2015

OpenAIRE Data Model

Open Access Infrastructure for Research in Europe towards 2020
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This deliverable presents the plan of design and development of the OpenAIRE infrastructure services for the next 12 months. At month 12 and 24 an update of this deliverable will be produced. Its intended use is mainly for technical partners to locate their software release duties in the wider context of the project software release, but also for the generic reader to get an overall picture and insight view of the technical activities.



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Acronyms



Publishable Summary

The aim of this deliverable is to describe the structure and semantics of the OpenAIRE Information Space, i.e., the *OpenAIRE data model*, by providing an abstract definition of its main entities and the relationships between them. Requirements have been collected over the years from all “consumers” of the OpenAIRE infrastructure, including data sources (providing content to OpenAIRE), portal end-users of various roles (researchers, project coordinators, general public, research communities), OpenAIRE data curators (responsible of the workflows for collecting, harmonizing, de-duplicating, inferring content), and third-party services (accessing content via APIs).

The data model will be subject to changes in the future, depending on the evolution of of the requirements of the OpenAIRE infrastructure, and this document will be updated accordingly.

The deliverable is published as a wiki and is available at:

https://issue.openaire.research-infrastructures.eu/projects/openaire2020-wiki/wiki/D81_OpenAIRE_Data_Model_Specification