

Creation of a semantic interoperable application profile to deliver metadata on research datasets to Flanders Research Information Space.

Flanders Research Information Space a.k.a. the FRIS-portal is a research discovery platform hosted by the Flemish department Economy, Science and Innovation, where you can find information on publicly financed research in Flanders. The FRIS-portal operates as a regional metadata hub where you can search for metadata on researchers, research groups, projects, and publications and recently also datasets, patents and infrastructure. There are currently more than 60 research performing and funding institutions (universities, schools of higher education, strategic research centres and scientific institutions, Flemish funding organisations) that provide data to the platform in real-time using CERIF XML. The FRIS-portal is also used as a BI-tool to monitor and report on the Flemish policy on research and innovation.

In 2019, the Flemish government developed an Open Science policy to make publicly financed research data openly accessible in line with the principles of the European Open Science Cloud (EOSC): 'as open as possible as restricted as necessary'. A Flemish Open Science Board was set up with representatives from the knowledge institutions and tasked with creating a roadmap to implement this policy using a stakeholder approach. The FOSB established 5 KPI's around ORCID, Data Management Planning, Open Access, FAIR data and Open data to track progress in open science. The KPI's on FAIR data and Open data outline that datasets resulting from publicly funded research projects should become Findable, Accessible, Interoperable and Reusable, and openly available by default (except for legitimate opt-out reasons). To monitor these KPI's there was a need for a semantically harmonized application profile to deliver metadata on datasets to the FRIS-portal. This poster outlines the development of a Flemish application profile for research datasets that was developed by the Flemish Open Science Board (FOSB) Working Group Metadata & Standardization. The main challenge was to achieve semantic interoperability among a wide and diverse range of stakeholders.

In addition please add keywords.

Metadata; Semantic interoperability; Open Science

Please assign your poster to one of the following keywords.

Semantics

Please assign yourself (presenting author) to one of the stakeholders.

other (please specify)

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