Working towards a Global Open Access Network

Working Group Repository Interoperability

Interoperability is the technical “glue” that makes possible an emerging open science infrastructure – an infrastructure that connects a global, decentralised network of repositories and other tools. While technology exists to make possible this integration, the landscape around interoperability is complex, and continually evolving.

COAR Working Group 2 deals with repository interoperability and aims to define and promote interoperability, standards and infrastructure policies.

Interoperability Roadmap

COAR Interoperability Project enters the next stage of a process aiming to establish the COAR Roadmap for Future Directions for Repository Interoperability, trying to maximize the use and re-use of existing guidelines and best practices. The main goal of the Roadmap is to identify, discuss, address emerging issues and trends and identify where the effort should be put towards future repositories interoperability as key component of the wider e-infrastructure for research and education.

We will liaise with other initiatives in the world, bringing them together and assess what should be done at an international scale.

Interest Group „Controlled Vocabularies for Repository Assets“

A controlled vocabulary („info-eu-repo“) was developed by the DRIVER and OpenAIRE initiatives for European repositories and has been widely used in the repository landscape in Europe and beyond (http://wiki.surf.nl/display/standards/info-eu-repo). The Interest Group will be the new maintainer of the vocabulary and widen its applicability for global use. It will be hosted at COAR and made publicly available as a resource for the global repository community. It will be ensured for an international governance structure and an established workflow for maintaining the vocabulary that will enable it to be used by interested parties.

Interest Group „Usage Data and beyond“

This interest group will undertake a review of existing and emerging article level metrics with the aim of identifying a common set of metrics that can be adopted across repositories, enabling the community to compare statistics across repositories. There are already a number of projects at the local, national and international level that are gathering and aggregating usage data from repositories. The interest group will first create a “robot list” that documents the various metrics available (at the technical and organizational level). It will then identify and recommend a set of standard usage measure for repositories internationally.

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