

Jisc and international OA infrastructure

More information on the initiatives described in this poster is available on the scholarly communications blog at <https://scholarlycommunications.jiscinvolve.org>

Expressing open science policies

Research funders' and institutions' policies on OA

Jisc Sherpa/Juliet describes funders' OA policies, and ROARMAP keeps track of institutional OA policies. The specifics of these remain largely driven by local considerations with little attention given to their combined effect on researchers. To begin to see this effect, Jisc and others have developed a schema to express these OA policies. Many policies have been expressed using the schema, which has enabled some interesting analysis of patterns. More policies should use the schema during 2016.

Institutions' requirements on research data management

The Jisc Digital Curation Centre has mapped requirements for research data management to new fields in the standard "Organisation Profile Document" format. This covers policy supporting information, implementation plan, data storage and catalogue, persistent identification for datasets, data access procedures and the location of repositories.



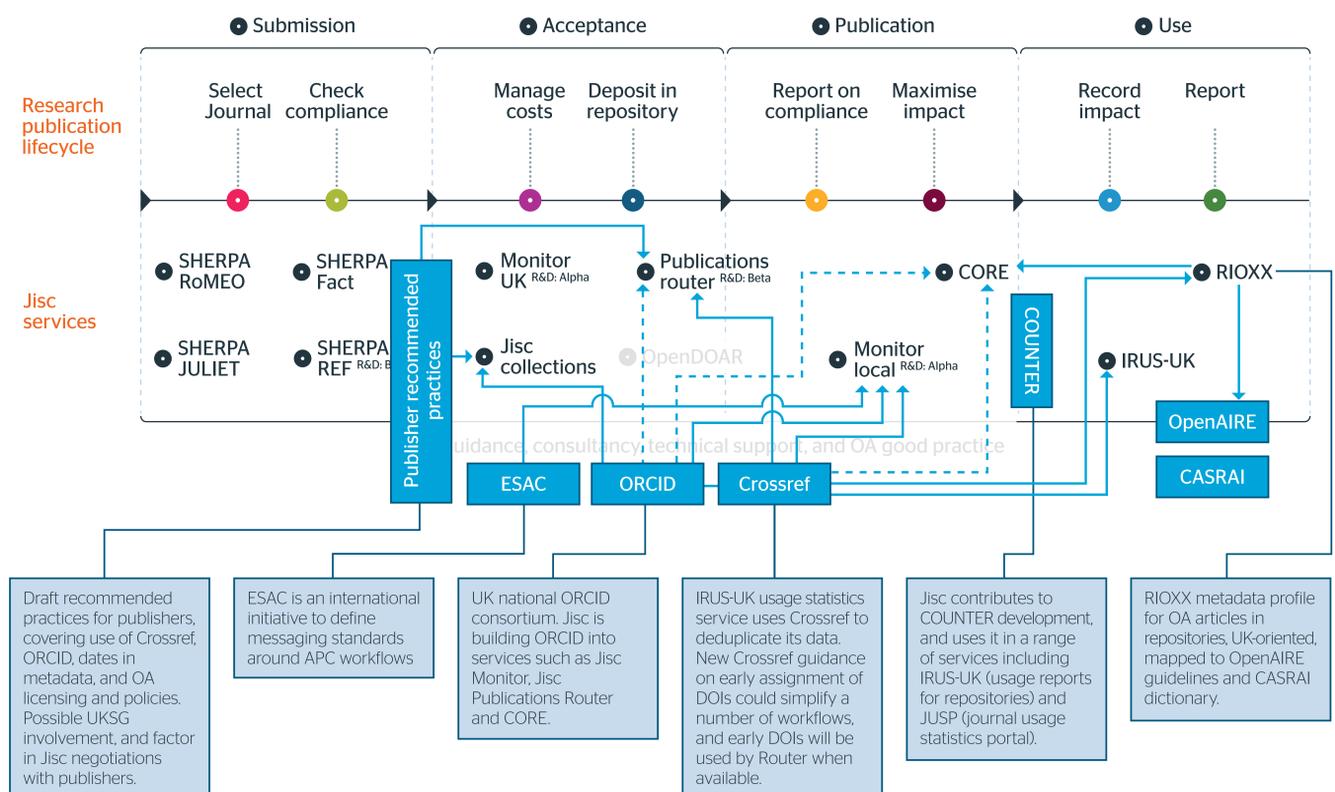
Journals' requirements on OA and research data management

Journal OA and research data management policies are very diverse. Jisc Sherpa/RoMEO lists their OA requirements, but these could be expressed more clearly. A 2015 Jisc survey showed that journals' data requirements are too diverse for an equivalent to Sherpa/RoMEO for data. In both cases, Jisc is working with publishers to develop policy templates and exemplars. In both cases, we hope to release these during Autumn 2016, and to work closely with publishers throughout.

Research funders' policies on research data management

Jisc Sherpa/Juliet describes funder research data management and sharing policies. Many of these are tentative as infrastructure develops and research cultures evolve, although some are strong.

Services to reduce costs by exploiting existing interoperability and global identifier solutions



Event-based infrastructure based on machine-based notifications, to better support open sciences policies and practices

Enabling a Network of Research Communication Brokers

Jisc and OpenAIRE are working together to define an architecture that would enable notifications of scholarly events to pass easily between those responsible for those events, to those with an interest in knowing about them.

Examples of scholarly events might be the acceptance or publication of a journal article, the deposit or update of a dataset in a repository, the citation of a paper, monograph or dataset, or the retraction of a paper.

This is informed by lot of existing work, including:

- » Use of protocols such as PubSubHubbub in domains outside scholarly communication
- » COAR Next Generation Repositories Project
- » The SHARE project in the US, especially the concept of the SHARE notification service
- » The Crossref Event Data initiative
- » Paul Walk's blog posts on cooperative open access exchange

