

The Jisc Open Research Hub

and its role in open research infrastructure

11 June, 2019



Who are Jisc?

Jisc is the UK **higher**, **further education** and **skills** sectors' **not-for-profit** organisation for **digital services** and **solutions**

Provide trusted advice and practical assistance for universities, colleges and learning providers

Jisc

Negotiate sector-wide deals and conditions with IT vendors and commercial publishers

Operate shared digital infrastructure and services



A key challenge for universities

The current 'open research' agenda is important to universities:











Repository

Preservatiion

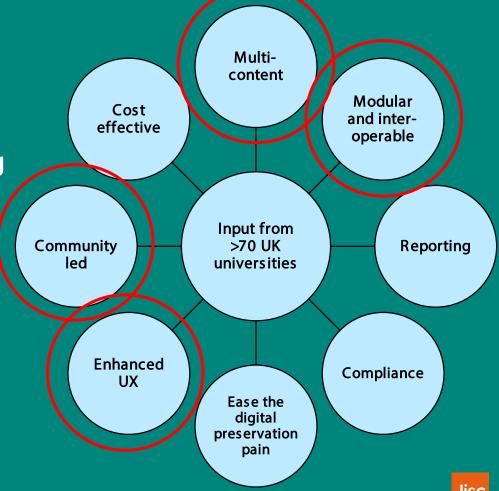
Reporting



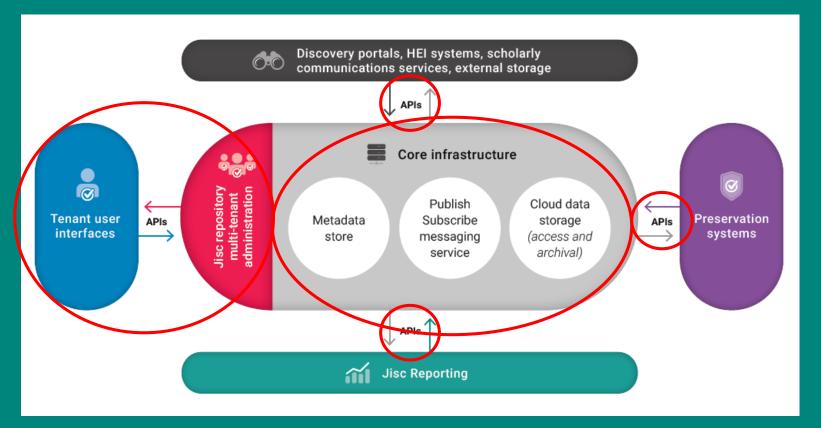
A shared service

A single solution to meet the requirements for universities to enable better management, sharing and preservation of research outputs





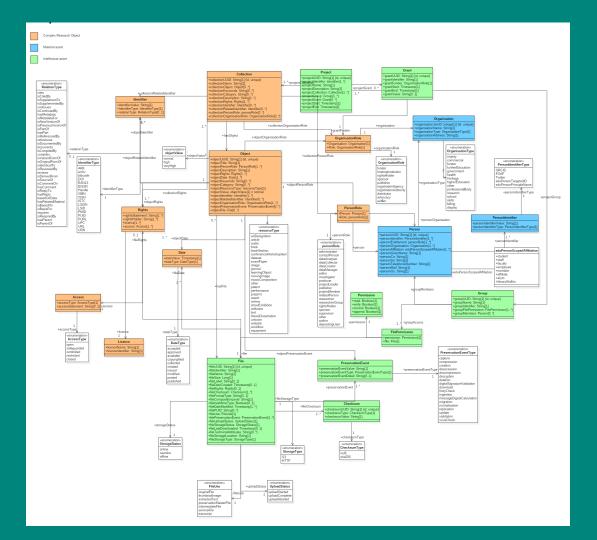
Jisc Open Research Hub





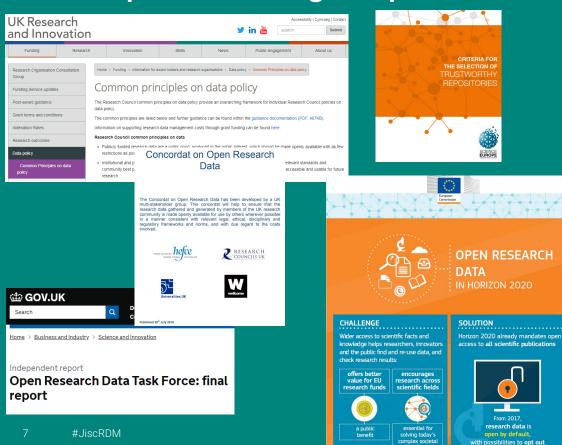
Service Data Model

https://github.com/JiscRDSS/rdss -canonical-data-model





Sector policies and good practice - data



challenges

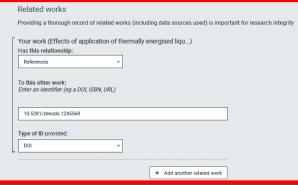






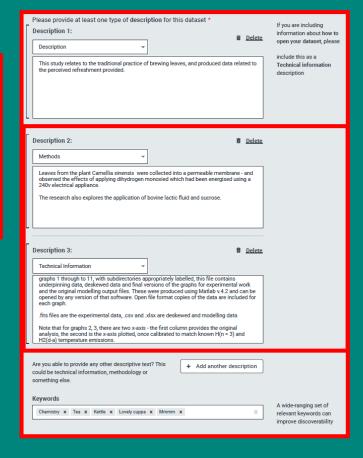
FAIR data





Access			
Access controls who can use your dataset. Under certain conditions (e.g. if your deposit contains sensitive data) you may need to restrict w and download your files. The level of access will depend on the sensitivity of the data.			
What type of access will you give this dataset? *			
	If you are		
Open ▼	access re		
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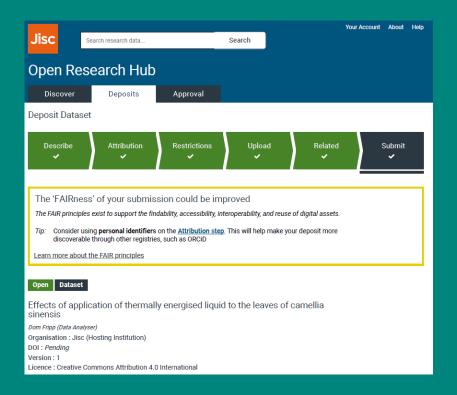
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Licences define how your work can be re-used by others. If you are unsure of the appropriate licence for your work, contact your supervisor.			
What licence should this dataset be published under? *			
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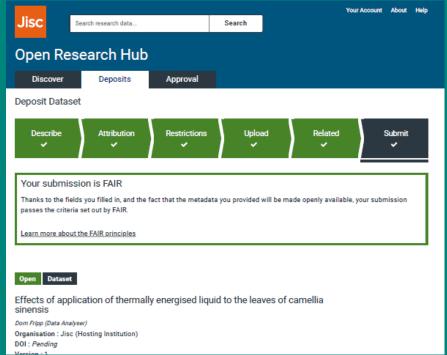


https://www.gofair.org/fair-principles/



A FAIR submission?







Continual development and delivery



https://blog.crisp.se/2016/01/25/henrikkniberg/making-sense-of-mvp

Going off-road



How the Jisc Open Research Hub team uses iteration and minimum viable features to keep the service agile in a rapidly changing environment What's more annoying than setting off on a journey and getting lost? Setting off on a journey with a map and still getting lost... When there are many possible ways to get ... Read more

https://researchdata.jiscinvolve.org/wp/2 019/05/22/going-off-road/



Sector mandates and good practice - OA



2. Requirements for Open Access Repositories

2.1 Requirements for Open Access repositories:

The repository must be registered in the Directory of Open Access Repositories (OpenDOAR) or in the process of being registered.

In addition, the following criteria for repositories apply:

Mandatory criteria for repositories:

- Use of PIDs for the deposited versions of the publications (with versioning, for example in case of revisions), such as DOI (preferable), URN, or Handle.
- High quality article level metadata in standard interoperable non-proprietary format, under a CCO public
 domain dedication. This must include information on the DOI (or other PIDs) both of the original
 publication and the deposited version, on the version deposited (AAM/VoR), and on the Open Access
 status and the license of the deposited version. Metadata must include complete and reliable
 information on funding provided by cOAlition S funders (including as a minimum the name of the funder
 and the grant number/identifier).
- Machine readable information on the Open Access status and the license embedded in the article, in standard non-proprietary format.
- Continuous availability (uptime at least 99.7%, not taking into account scheduled downtime for maintenance or upgrades).



Next Generation Repositories

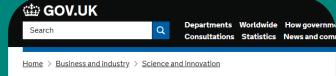
Behaviours and Technical Recommendations of the COAR Next Generation Repositories Working Group

November 28, 2017



#nextgenrenositories

@COAR_eV office@coar-repositories.org



Independent report

European

Commission

Open access to research: independent advice - 2018

Independent advice from Professor Adam Tickell on open access to research publications.



OA repository reqs? (Plan-S; COAR NGR; UK guidance)

✓ Diversity of resources	✓ Open APIs	✓ Machine friendly
✓ Resource centric	✓ Networked	✓ Versioning
✓ Sustainable	✓ Distributed governance	✓ Public good
✓ Helpdesk	✓ Continuous availability	✓ Accessible
 ✓ Full text stored in XML in JATS standard (or equivalent) 	 ✓ Common behaviours, functionalities and standards 	 ✓ Automatic exchange between publishers and institutions
 ✓ Quality assured metadata in standard interoperable format 	✓ Automated manuscript ingest facility	 ✓ Promoting a range of unique identifiers (eg ORCID)

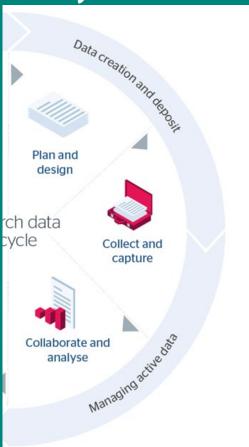
Research data lifecycle & Open research hub scope





ORH and the active research life cycle?

- ✓ DMPs
- ✓ Open science platforms
- ✓ E-lab notebooks
- ✓ Active data storage
- ✓ Practice research
- ✓ Reproducibility





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