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.

We...

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

Operate shared digital infrastructure and services.

Negotiate sector-wide deals and conditions with IT vendors and commercial publishers.
A key challenge for universities

The current ‘open research’ agenda is important to universities:

- Repository
- Preservation
- Reporting
A shared service

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

Sector policies and good practice - data
FAIR data

Related works
Providing a thorough record of related works (including data sources used) is important for research integrity.

Your work (Effects of application of thermally energised liquor...)

[Add another work]

To this other work:
Enter an identifier (e.g. a DOI, ISSN, URL...)

10.5281/zenodo.1249996

Type of ID provided:
DOI

[Add another related work]

Access
Access controls who can use your dataset.

Under certain conditions (e.g. if your deposit contains sensitive data) you may need to restrict who can view 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?*

Open

[Add another ID]

License
Licenses define how your work can be re-used by others. If you are unsure of the appropriate license for your dataset, contact your supervisor.

What licence should this dataset be published under?*

Creative Commons Attribution 4.0 International (CC-BY-4.0) [Learn more](opens in a new window)

Creative Commons Attribution Non Commercial 4.0 International (CC-BY-NC-4.0) [Learn more](opens in a new window)

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[Add another description]

Keywords
A wide-ranging set of relevant keywords can improve discoverability.

https://www.go-fair.org/fair-principles/
A FAIR submission?

https://zenodo.org/record/2619357
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/2019/05/22/going-off-road/
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 CC0 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).
<table>
<thead>
<tr>
<th>Requirement</th>
<th>Feature</th>
<th>Feature</th>
</tr>
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<tbody>
<tr>
<td>Diversity of resources</td>
<td>Open APIs</td>
<td>Machine friendly</td>
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<tr>
<td>Resource centric</td>
<td>Networked</td>
<td>Versioning</td>
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<tr>
<td>Sustainable</td>
<td>Distributed governance</td>
<td>Public good</td>
</tr>
<tr>
<td>Helpdesk</td>
<td>Continuous availability</td>
<td>Accessible</td>
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<tr>
<td>Full text stored in XML in JATS standard (or equivalent)</td>
<td>Common behaviours, functionalities and standards</td>
<td>Automatic exchange between publishers and institutions</td>
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<tr>
<td>Quality assured metadata in standard interoperable format</td>
<td>Automated manuscript ingest facility</td>
<td>Promoting a range of unique identifiers (eg ORCID)</td>
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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
Dr Tamsin Burland
tamsin.burland@jisc.ac.uk
Twitter: @tamsinburland
www.jisc.ac.uk/staff/tamsin-burland
15 Fetter Lane, London, EC4A 1BW
T: 07468 727061

jisc.ac.uk