The Jisc Open Research hub
Hilda Muchando
euroCRIS Strategic Members Meeting, Nov 2019
About Jisc

1. Shared digital infrastructure and services

2. Sector wide deals with IT vendors and commercial publishers

3. Expert and trusted practical support and assistance

Research and development

https://www.jisc.ac.uk/about/who-we-are-and-what-we-do
‘Directions for research data management’

Identified 5 key areas for action

1. Policy development and implementation
2. Skills and capabilities
3. Infrastructure and interoperability
4. Incentives for researchers and support stakeholders
5. Business case and sustainability

... there is clear demand for national shared services ... the potential economies of scale that might result are attractive to the community

..There is also demand for a national approach to data preservation
Research data lifecycle & Open research hub scope
A shared service

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

- Repository
- Preservation
- Reporting

Input from >70 UK universities

- Multi-content
- Modular and interoperable
- Cost effective
- Community led
- Enhanced UX
- Reporting
- Compliance

Ease the digital preservation pain

#JiscRDM
Jisc Open Research Hub

Discovery portals, HEI systems, scholarly communications services, external storage

Jisc repository tenant user interfaces

Jisc multi-tenant administration

Core infrastructure

Metadata store

Publish Subscribe messaging service

Cloud data storage (access and archival)

Preservation systems

#JiscRDM
Service workflow

- Researchers find and reuse data
- Metadata added to aggregation sites
- Data is automatically preserved
- Use of data and service is monitored
- Data is stored long term
- Researcher deposits data or record of data external deposit
- Ingestion from other services (e.g., CRIS) / other services updated
- Preservation service
- Reporting and analytics
- Archival data storage
- Institutional or external services
- Jisc Repository
Open research hub
Data Model


#JiscRDM
Demo: CRIS to Open research hub
Hilda Muchando

Hilda.Muchando@jisc.ac.uk
07552 346353

jisc.ac.uk