



The University of Edinburgh



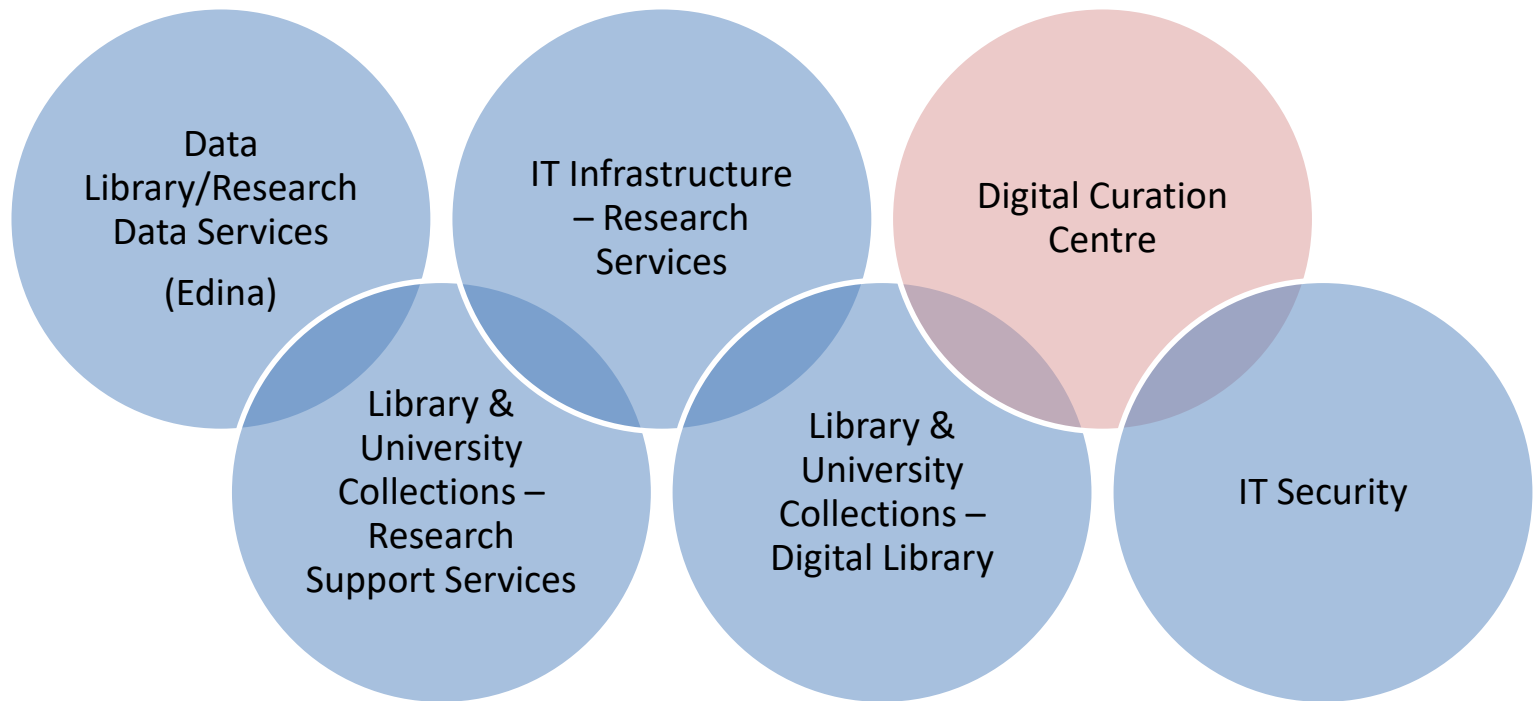
Co-ordinating data across the University from a Library and University Collections perspective

Kirsty Lingstadt
Head of Digital Library

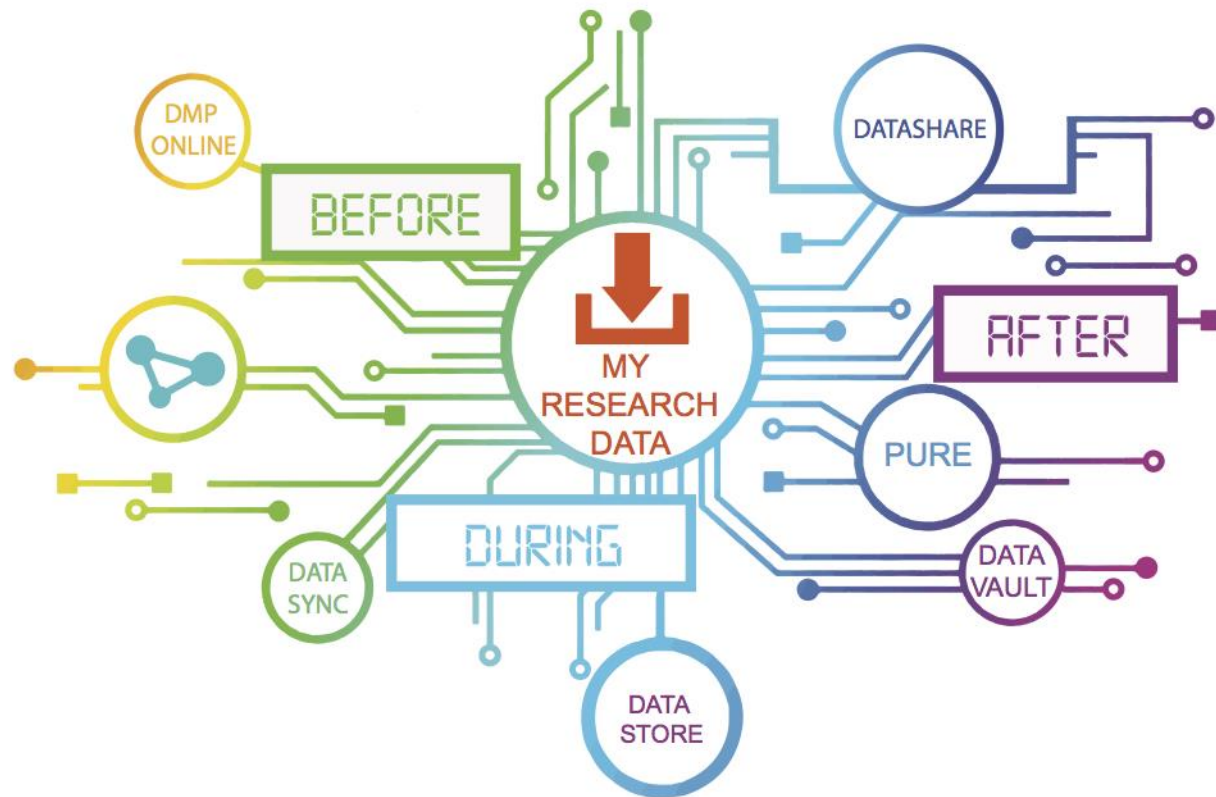


- Existing Research Data Management Services
- Developing Services which have wider application
- Changes to our digital preservation approaches

Research Data Management Services



Research Data Services



Research Data Service: Tools & support for working across the data lifecycle





Before your research project begins

Tools and Support	Description	Service provider
DMPOnline	Online tool to create a data management plan, based on funders' templates	Digital Curation Centre
Support and DMP Review	Answer enquiries and review plans, provide advice	Library
Sample DMPs	Keep successful plans to show researchers in different disciplines	Library

During your research project

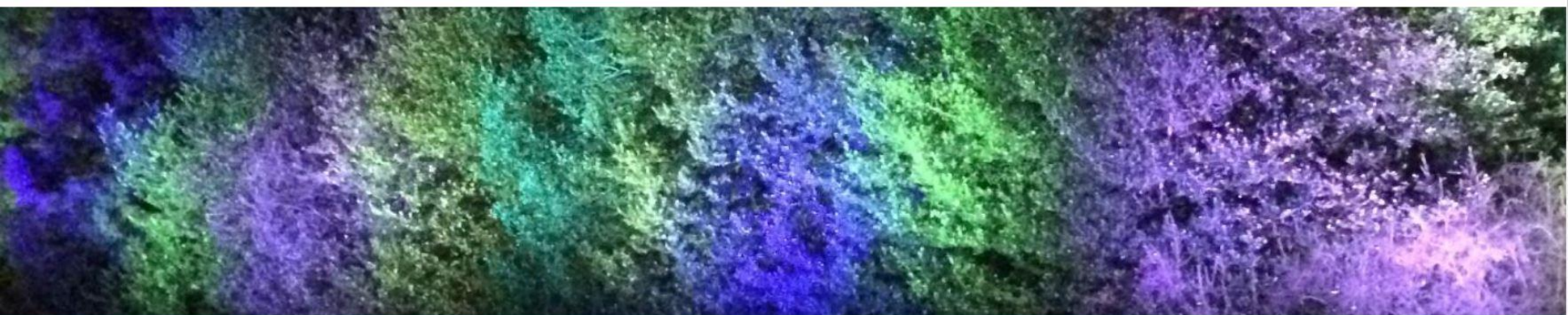
Tools and Support	Description	Service provider
Finding data	Finding data portal and data librarian consultancy	Data Library
Active data storage (DataStore)	Central, backed up storage for all researchers - individual and shared spaces	IT Infrastructure
Sensitive data (Data Safe Haven)	New, secure facility for working with sensitive data on remote server. We are pursuing ISO 27001 security certification	Library, Data Library, IT Infrastructure, Information Security
Code versioning (Subversion, Gitlab: coming soon)	Private or public software code storage and management. Documents all code and allows rollback to prior versions	IT Infrastructure
Collaboration and data sync'ing (DataSync)	Open source tool to allow external partners to access your research data	IT Infrastructure
Electronic Lab Notebook (RSpace Pilot)	Data management for laboratory based research	IT Infrastructure

After your research project is finished

Tools and Support	Description	Service provider
Open Access data repository (DataShare)	Allows you to share data publicly and preserve for long-term	Data Library
Long-term retention (DataVault)	Private storage for a specified retention period on tape (for example, 10 years)	Library IT Infrastructure
Data asset register (Pure for datasets)	Record a description of your dataset along with your publications and research projects	Library

Training and support

Tools and Support	Description	Service provider
General RDM support	Answer enquiries by email, phone or appointment	Library Data Library
Online training (MANTRA and RDMS MOOC)	Awareness raising and learning at your own pace online through our open educational resources	Data Library
Scheduled and bespoke training	Sign up for a scheduled workshop or request a special training session for your research group	Library Data Library IT Infrastructure
Research Data Service website	Find all the tools and support in one place	Library Data Library
Blog and promotional materials	Keep up with new developments on our blog. Handouts and videos	Library Data Library
RDM Forum & Sharepoint site	Attend quarterly meetings for school support staff or get access to shared resources	Library
Dealing with Data event	Attend an annual conference of researchers talking about their data problems and solutions	Library



Information Services RESEARCH DATA SERVICE

Research Data Service home

Data management planning

Working with data

Sharing & preserving data

Research Data Service video

Data training

About the Research Data Service



Home > Information Services > Research Support > Research Data Service

Contact us

Research data management planning

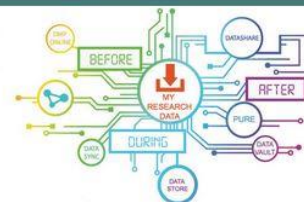


Tools and support for creating data management plans

Research Data Service video

See how the Research Data Service can help you access, manage, store, share and preserve your research data.

Working with research data



Tools and support for sourcing, managing and using data during a project

Training

A range of training programmes on using data and on research data management (RDM): scheduled workshops, online courses, how to request a tailored workshop for your group.

Sharing & preserving research data



Ensuring that research data are shared and preserved at the end of a project

About the Research Data Service

The Service is a suite of tools and support that helps staff and students be effective with their research data before, during and after their project.



<https://youtu.be/cuaAVum9mZk>



INFORMATION SERVICES

[Contact us](#)[Home](#) Edinburgh DataShare

What is Edinburgh DataShare?

Edinburgh DataShare is a digital repository of research data produced at the University of Edinburgh, hosted by Information Services. Edinburgh University researchers who have produced research data associated with an existing or forthcoming publication, or which has potential use for other researchers, are invited to upload their dataset for sharing and safekeeping. A persistent identifier and suggested citation will be provided.

Deposit Your Data

[Deposit data](#) [How to deposit](#)
[Checklist for deposit](#)
[Benefits of deposit](#)

Recently Added

No Thumbnail

[Correspondence Analysis of Old English texts](#)

Lubbers, Thijs

This dataset includes correspondence plots, based on 10 most frequent POS-tag + lexical complementizer unigrams, to accompany Los, B., & Lubbers, T. (submitted). Syntax, text-type, genre and authorial voice in Old English: ...

No Thumbnail

The Edinburgh Computed tomography and genetic diagnostic criteria for lobar intracerebral haemorrhage associated with cerebral amyloid angiopathy: model development, internal validation and diagnostic test accuracy study

Rodrigues, Mark; Al-Shahi Salman, Rustam

Background: Spontaneous intracerebral haemorrhage (ICH) is usually diagnosed by computed



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BROWSE

[Edinburgh DataShare](#)[Research Communities](#)

DISCOVER

[Date Accessioned](#)

2017 (510)

Simplicity



DataVault





DataVault

The Jisc logo, consisting of the word 'Jisc' in white lowercase letters on an orange rectangular background.

Jisc

The University of Manchester logo, featuring the word 'MANCHESTER' in white uppercase letters and '1824' in yellow, both on a purple rectangular background.

MANCHESTER
1824

The University of Manchester

DataVault

‘DataVault is a service to ensure the integrity and long - term retention of golden copy research data.’

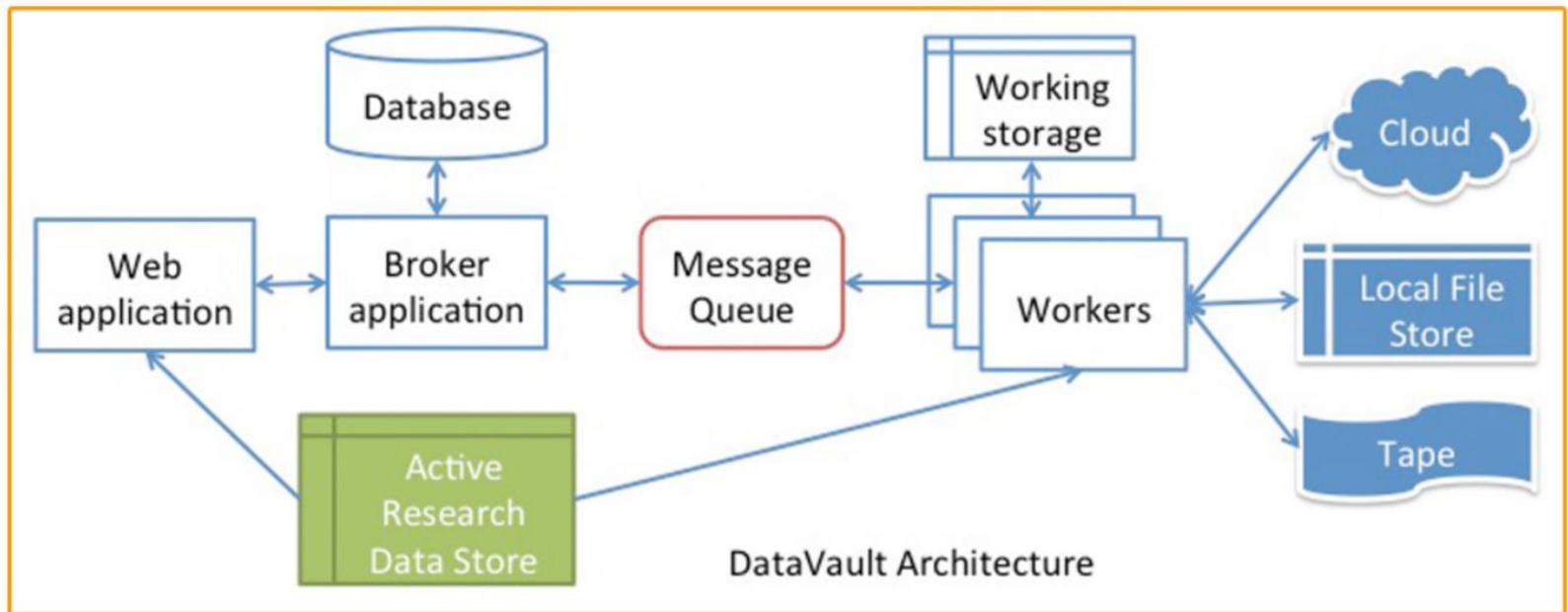
‘comply with funder and University of Edinburgh requirements’

‘be confident that their data will be there for them, or their nominated delegate, to re-use in the future as and when required.’

DataVault Service Description



DataVault



DataVault – Big Data





To checksum or not?

- Symbolic Links were not maintained
- Empty directories were not maintained
- Filenames were modified

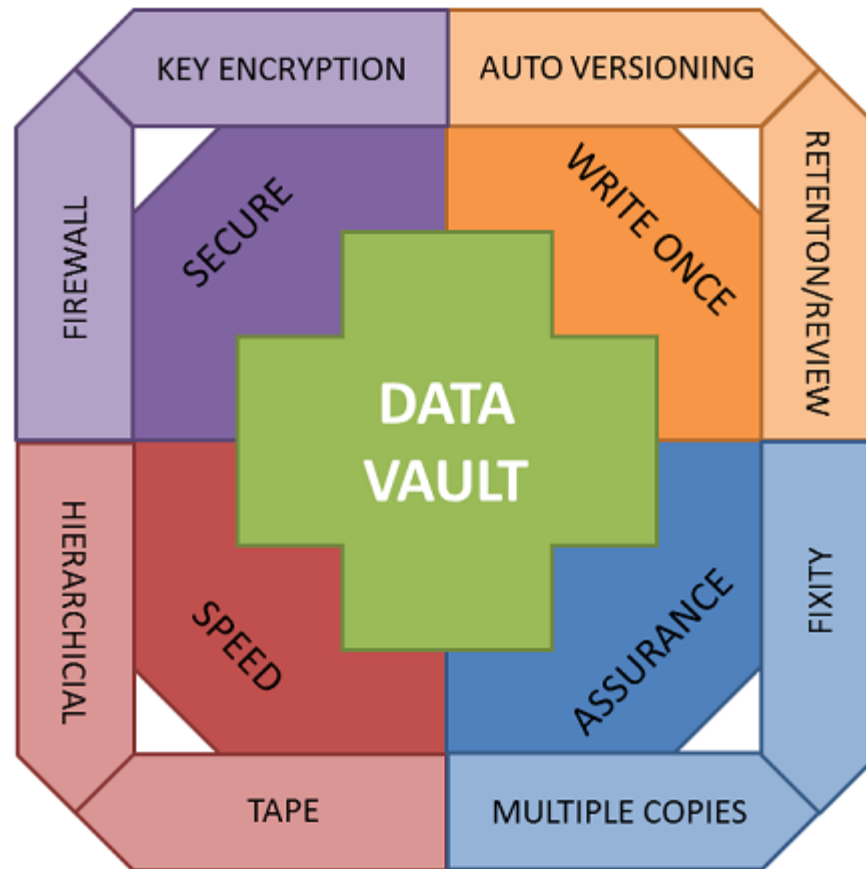
Therefore cannot guarantee that the data will be able to re-used due to changes to content.

Not issue with BagIt specification but the implementation in the PHP and/or Java Libraries.

Security



DataVault





Data – for digital preservation

Research data one of many data sets

Other:

- Court and Senate records
- Digitised content
- Born digital donations

Digital Preservation



Digital Preservation

- Data Safe Haven
- Data Store
- DataVault
- LOCKSS?

A black and white graphic of a 'Keep Calm and Carry On' poster. It features a crown at the top, followed by the text 'KEEP CALM AND WHAT ELSE?' in a bold, sans-serif font.

**KEEP
CALM
AND
WHAT
ELSE?**



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