

Stuart Lewis

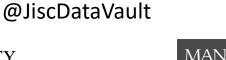
Deputy Director, Library & University Collections The University of Edinburgh

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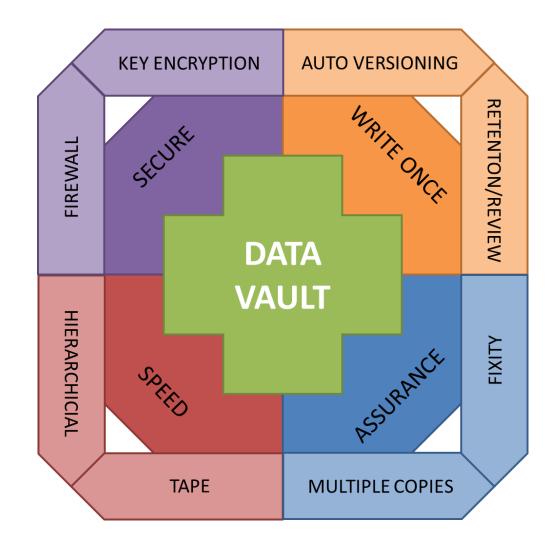


Research Data Management Services



Data Stewardship

- DataVault
 - Long term archival storage
 - First envisaged a few years ago...











What is the DataVault - Analogies











What is the DataVault - Analogies

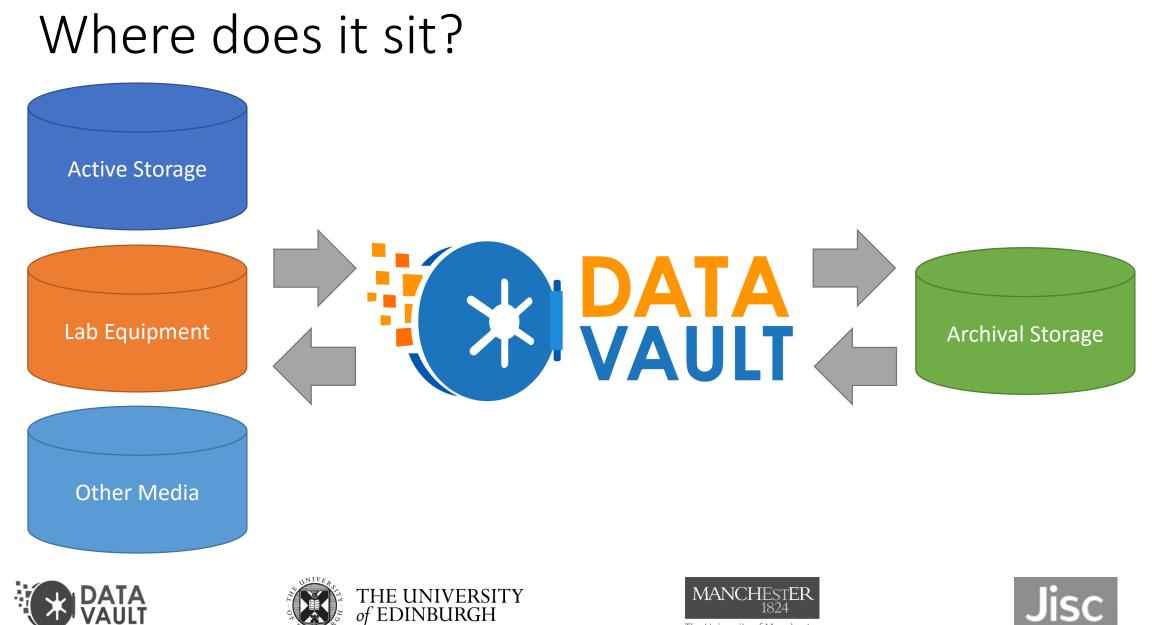












The University of Manchester

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What is the DataVault?

- It's a platform (a bit of web-based software), not a storage system
 - You still need an archival storage system
- It is provided via a RESTful API
 - But also comes with a default web user interface application
- It's doesn't undertake any 'active' preservation such as format migration
 - It does collect metadata and package the data for long-term storage









DataVault use cases

- Store golden-copy data so that it can't be changed
- Storing finalised data that can't be openly shared (or 'everything else')
- Retaining old data in case it can be re-analysed later on
- Retention to meet funder requirements

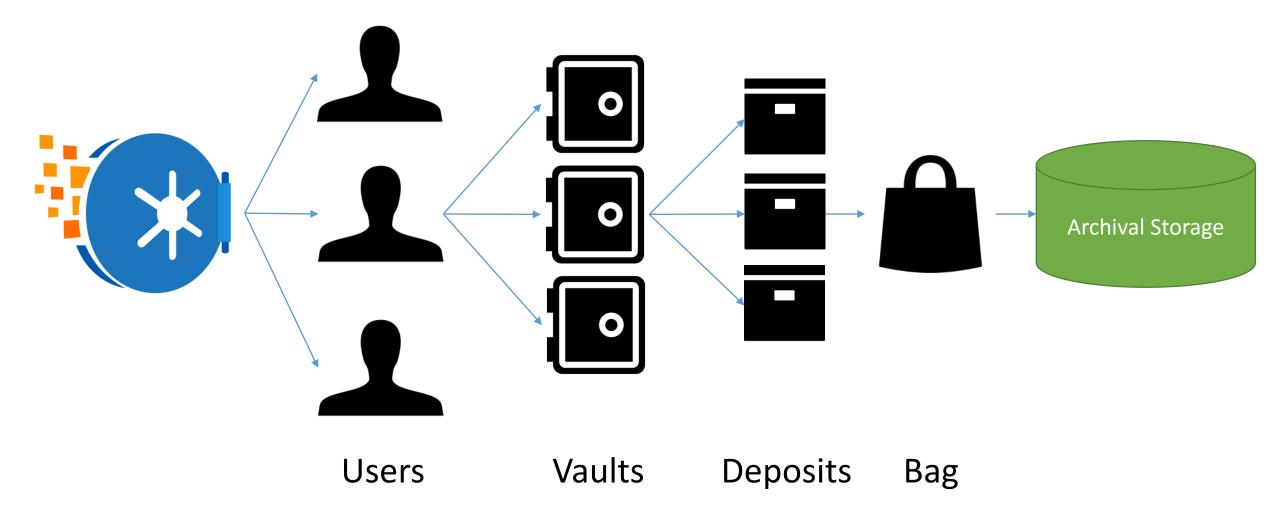




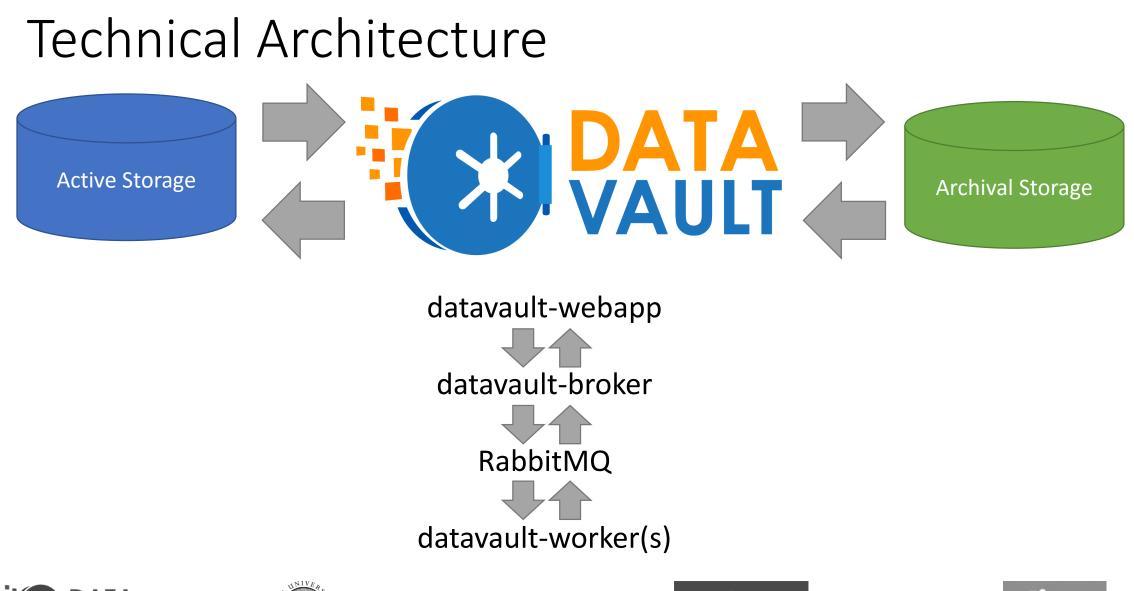




Information Architecture



Icons: https://thenounproject.com/pixelbazaar/, https://thenounproject.com/bickov/, https://thenounproject.com/useiconic.com/, https://thenounproject.com/useiconic.com/, https://thenounproject.com/useiconic.com/, https://thenounproject.com/useiconic.com/, https://thenounproject.com/, https://thenounproject.com/, https://thenouple.com/, https://thenouple.com/, https://thenouple.com/, https://thenouple.com/, <a href="https:



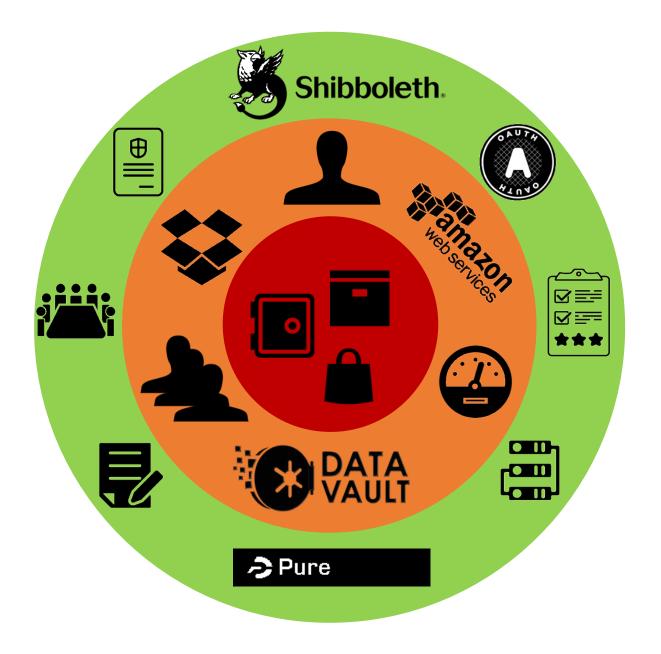








....and for 50% stake in our project we're are looking for investment of....





Data Vault

Keep your research data safe.

Welcome to the Data Vault!

Please use the 'Create new Vault' button below to get started...



Vault Name 🔁

My research project

Description

Images of plants and organisms with associated metadata.

Relates to **1**

Sample dataset 1 🗸

Retention Policy **1**

EPSRC -

Group 🖯

Science and Engineering -

Create new Vault

Cancel

My research project

Images of plants and organisms with associated metadata.

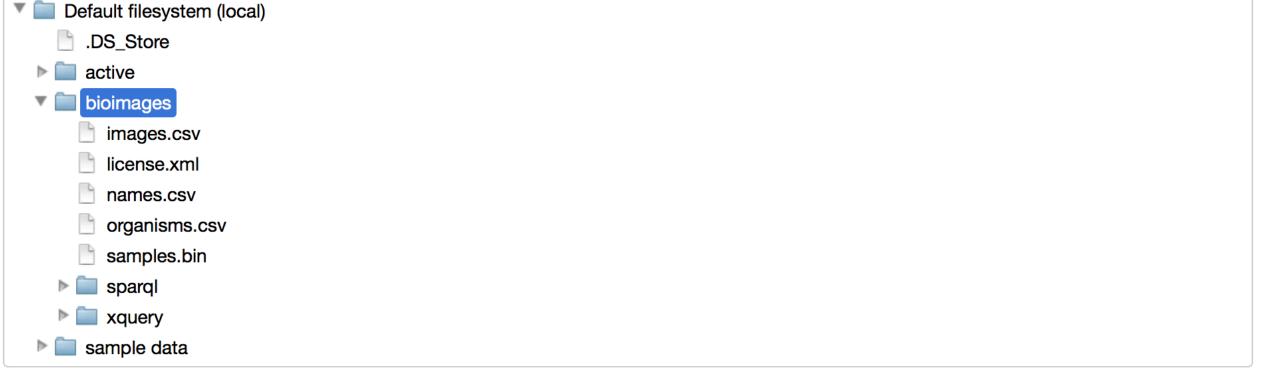
Owner: user1 Retention Policy: EPSRC Group: Science and Engineering Created: Jun 14, 2016 8:30:02 AM Review date: Jun 14, 2026 8:30:02 AM (Status: OK) Size: 0 bytes

🛓 Deposit data

Deposit Note: 🔁

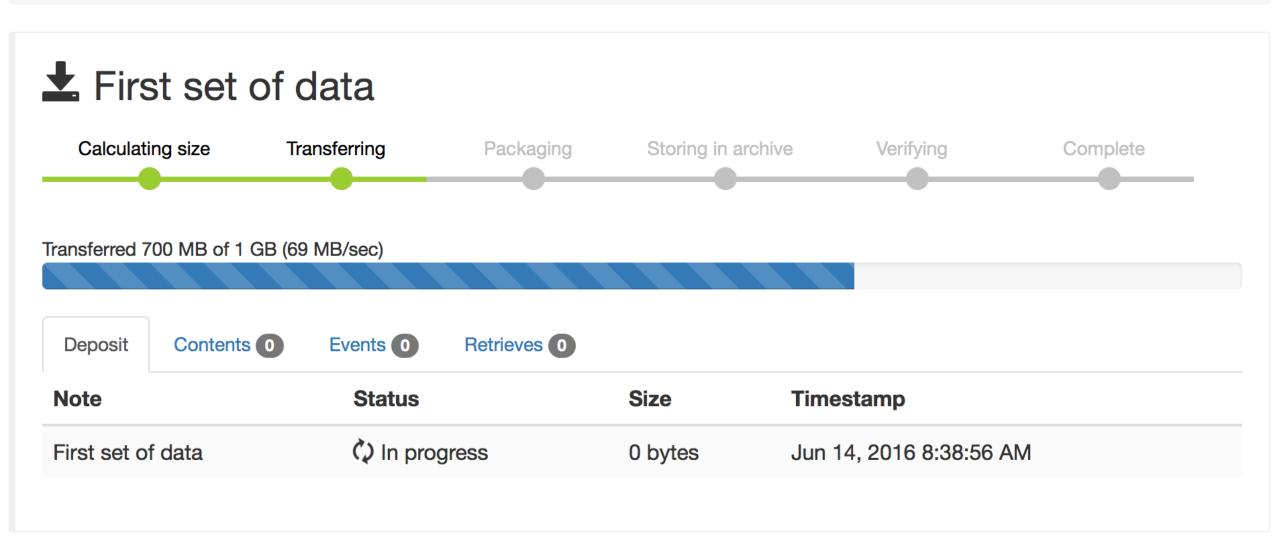
First set of data

Deposit file or directory: 1



Deposit size: 1 GB

▲ Deposit data Cancel



First set of data

Deposit	Contents 30	Events 6 Retrieve	es O		
Note		Status	Size	Timestamp	
First set o	f data	 Complete 	1 GB	Jun 14, 2016 8:38:56 AM	
1 Retrieve data					

First set of data							
Deposit Contents 30 Events 6 Retrieve	es O						
File	Туре	Checksum					
bioimages/license.xml	application/xml	7bfaf745438d1bd27200f67d7f40705d md5					
bioimages/xquery/index-files.xq	application/xquery	efc6c7648410eafc70d838f6428585e2 md5					
bioimages/xquery/image-rdf-all-hack.xq	application/xquery	a14223f7541240120352f422cc0b7f4b md5					
bioimages/sparql/counting-query.sparql	text/plain	fee33e1b43017b928f638d5674085027 md5					
bioimages/images.csv	text/csv	6e3accf46f1fba3a3b7415bb331294b5 md5					
bioimages/sparql/.DS_Store	application/octet-stream	fa4ade8b137c27ae09fe503ed8c32cf7 md5					
bioimages/xquery/.DS_Store	application/octet-stream	41d509a2c82675c794f77087ed54a3f5 md5					
bioimages/organisms.csv	text/csv	349384c29dc3ded0a96b6c95d6ca149a md5					
bioimages/xquery/organism-html.xq	application/xquery	bfd7f162d046660276557077c6cd2ee9 md5					
bioimages/sparql/inverse-reasoning.sparql	text/plain	027f404d125aba81df236c19116fc5c2 md5					

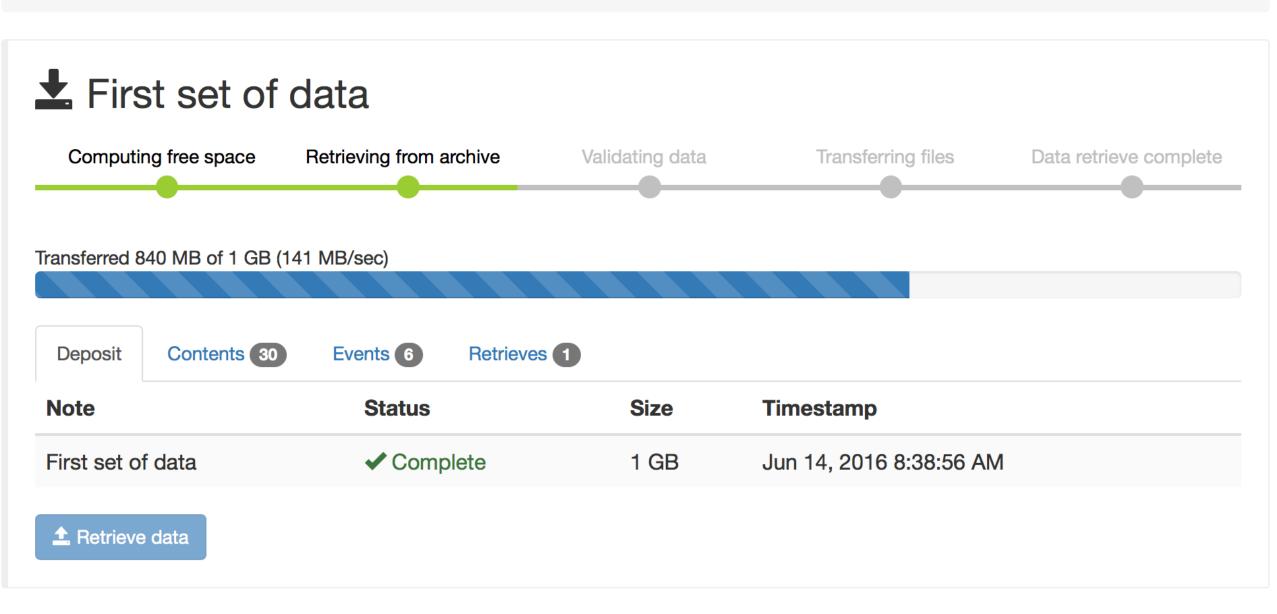
Describe the reason for this retrieve request (who and why) and choose a working directory to retrieve data from the archive

Retrieve Note:				
Restoring my data				

Target directory: 1



1 Retrieve data Cancel



Vault Size	Deposits / Retrieves In Progress	Deposit / Retrieve Queues
200 1 GB	♥ 0 ♠ 0	↓ 0 ↑ 0
Vaults	Deposits	Retrieves
1	1	1
Users	Groups	Review
1 31	> 3	0
Events	Retention Policies	
C 23	\$ 5	



Data Vault Implementation Workshop

Wednesday 29th June 2016, Central London (Islington) 15 spaces (1x RDM + 1x Tech)





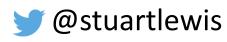






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ØJiscDataVault