

Lighting up our 'dark' data – using *Dropbox* for collaborative research data projects

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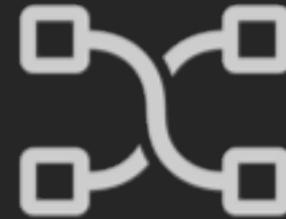
 @y_vettles

Overview



Created by un-delivered
from Noun Project

pilot | our process



Created by Sam Smith
from Noun Project

examples



Created by corpus delicti
from Noun Project

problem



Created by Adrian Kadir
from Noun Project

feedback



Created by Stockmarket
from Noun Project

going
forward



Who we are.

Centre for eResearch

Compute

Research Data
Solutions

Visualisation

Research Partnerships

Enablement

Training

Advocacy

—



University of Auckland

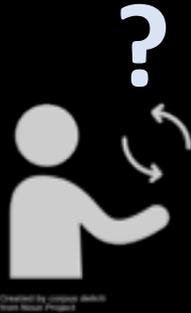
11 faculties

6 campuses

42,000 students

~5000 researchers





The Now (Problem)

The problem – for researchers



Created by Laymik
from Noun Project

siloed storage



Created by corpus delicti
from Noun Project



How are researchers sharing info?



Created by Arsen Koryazin
from Noun Project

cloud services



Created by Grigor Greiner
from Noun Project

usb drives



Created by Grigor Greiner
from Noun Project

email



Created by Seon Park
from Noun Project

?

The problem – institutional



Created by Escalop
from Noun Project

Metadata?



Created by corpus delicti
from Noun Project

Owner?



Created by Mike Zuidgeest
from Noun Project

Insight
Planning



Created by Symbolon
from Noun Project

Sharing?



Created by Chameleon Design
from Noun Project

Security?



Created by Masha Kulikov
from Noun Project

Value?



Helping research move at the speed of thought, not limited by the speed of bureaucracy, and with greater integrity and impact.

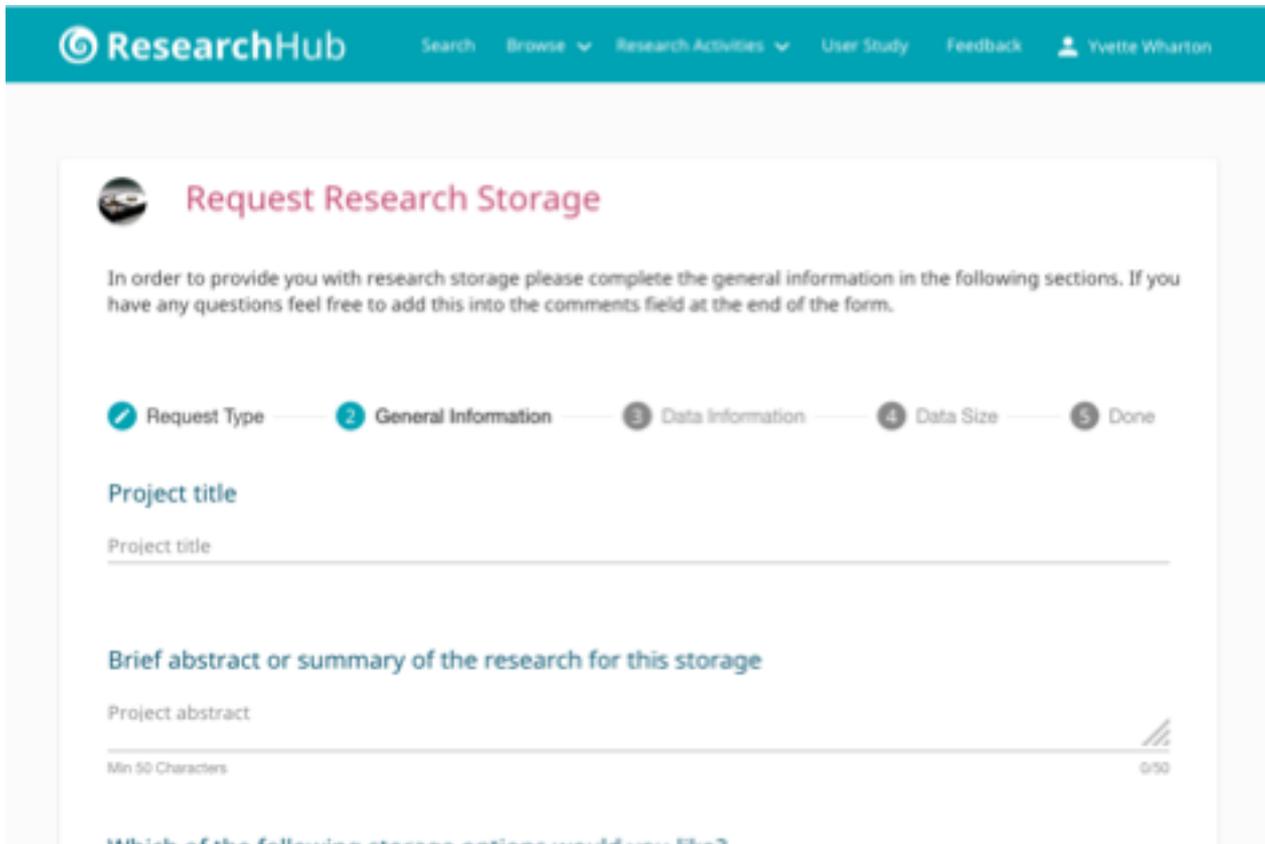


Created by an AI-driven
Web Search Project

Shedding light on dark research data – the pilot

Our process

Collect research information through our research hub



ResearchHub Search Browse Research Activities User Study Feedback Yvette Wharton

Request Research Storage

In order to provide you with research storage please complete the general information in the following sections. If you have any questions feel free to add this into the comments field at the end of the form.

1 Request Type — 2 **General Information** — 3 Data Information — 4 Data Size — 5 Done

Project title

Project title

Brief abstract or summary of the research for this storage

Project abstract

Min 50 Characters 0/50

Our process

Collect research
information



Scripted
group
|team
folders

Invite to join
Dropbox
pilot



Feedback

Insights





Created by Adrian Keefe
Stam Hour Project

Feedback | Examples



Created by Sam Smith
Stam Hour Project

Dropbox footprint – some numbers

Data from all Dropbox @auckland.ac.nz domain users

4620
Registered
Dropbox Users

19.67 TB
data stored

Data from pilot domain users
in 2018

500
Dropbox pilot
user licenses

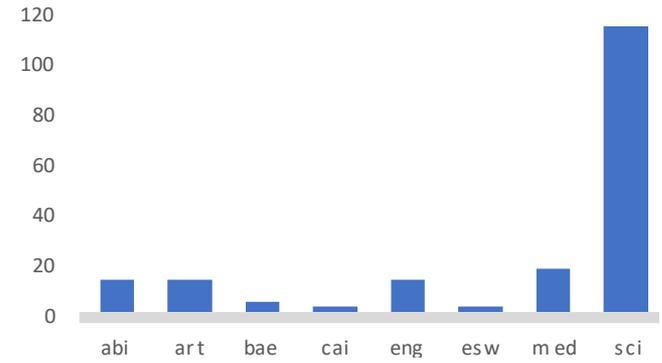
~10 TB
data stored

Known info about
191 Projects
8 Faculties
Collaborations
devices

Institutional insights

Top File Types UoA Pilot

.tif
.png
.wav
.m
.jpg
.f
.txt
.dcm
.log
.ndb

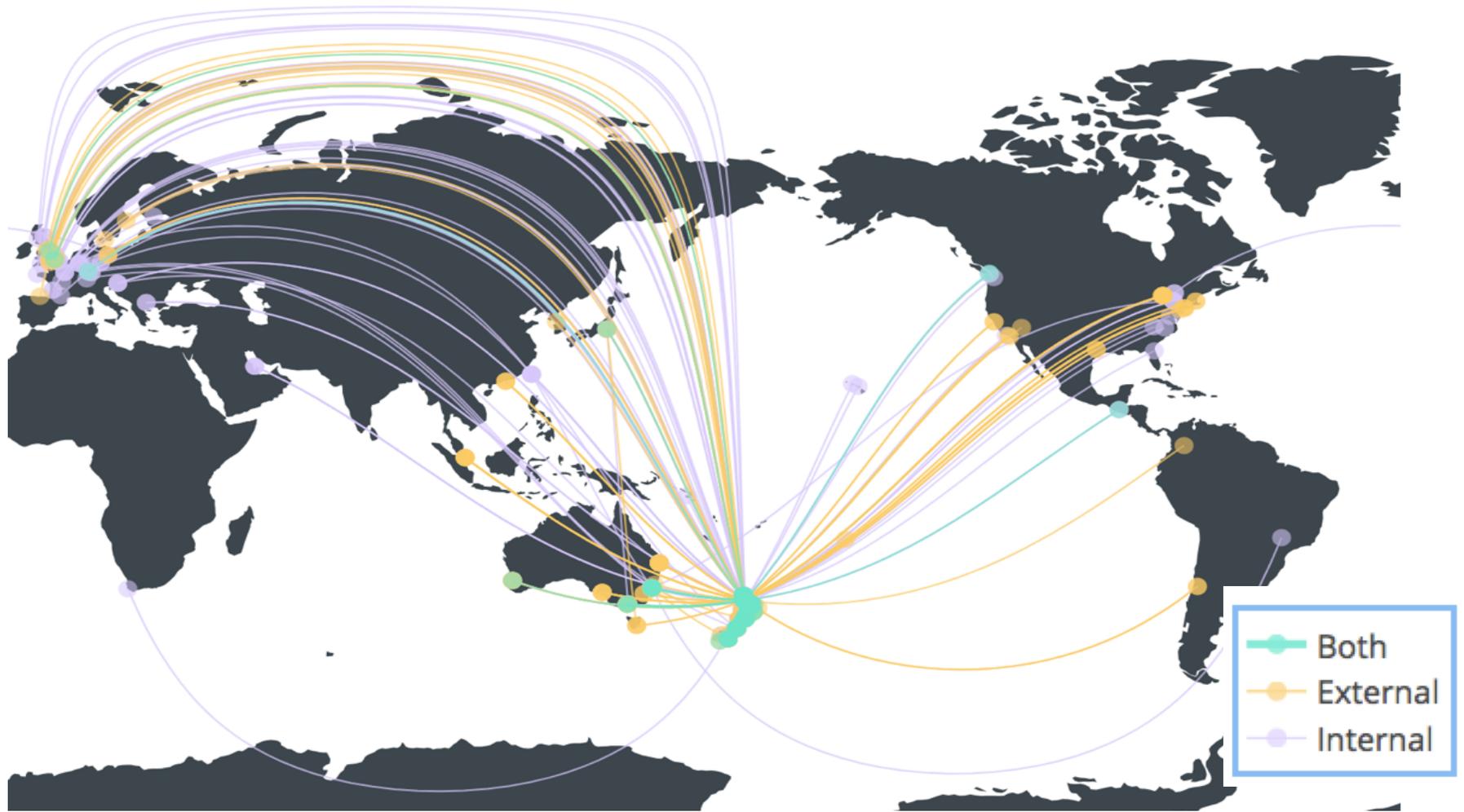


Projects per Faculty | Institute



Devices

Collaboration networks



University of Auckland Dropbox users are collaborating within New Zealand & across the globe

Feedback themes | Use Cases

- Improved ease of collaboration
- Linkage to other tools (Slack, Trello, Office 365)
- Research Community use
- Improved workflows
- Ease of off-campus access
- Synchronisation/Smart Sync
- Dropbox papers
- Versioning
- Security - linkage to encryption
- Multiple types of devices

Challenges

- Research Groups vs Projects/Activities
 - Folder Permissions inheritance on team folders
 - Data Sovereignty
 - Project Ethics
-
- Thanks Dropbox for listening



Next Steps

Questions

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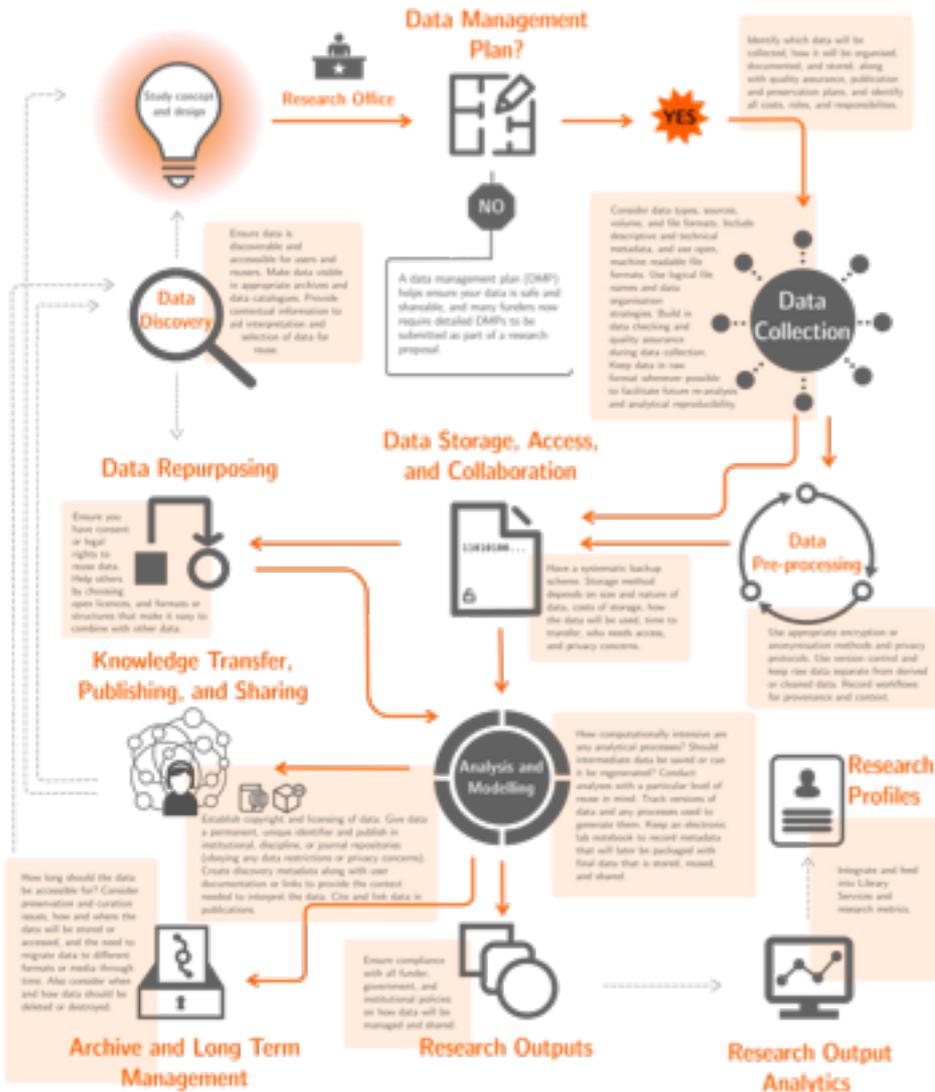
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 @y_vettles



RESEARCH DATA MANAGEMENT

RD Lifecycle



Research Data Management
 Data Management Plan
 Data Collection
 Data Pre-processing
 Data Storage, Access, and Collaboration
 Data Repurposing
 Knowledge Transfer, Publishing, and Sharing
 Analysis and Modelling
 Research Profiles
 Research Output Analytics
 Research Outputs
 Archive and Long Term Management

Data lifecycle model adapted from Harrop, C. (2006) a Senior and the Librarians of Research, University of Alberta.

