Data Retention Project

One Year on

PRESENTED BY

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eResearch NZ 2022









Purpose

To provide Australian researchers with competitive advantage through data.

Mission

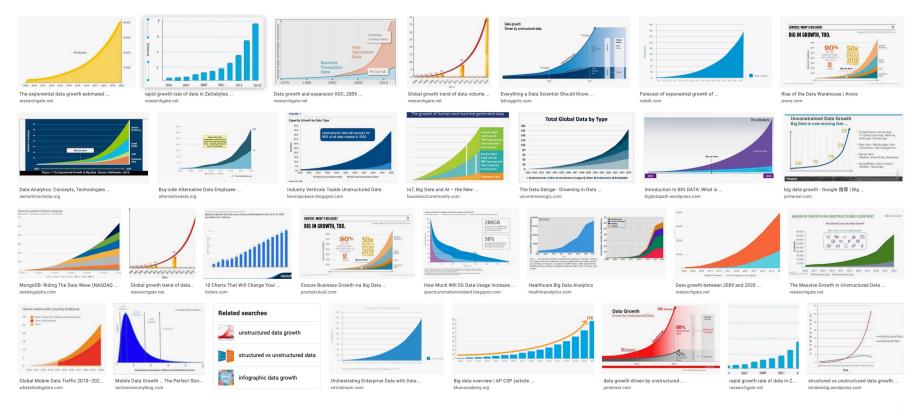
To accelerate research and innovation by driving excellence in the creation, analysis and retention of high-quality data assets.





The Challenge (part 1)

Significant Data Growth

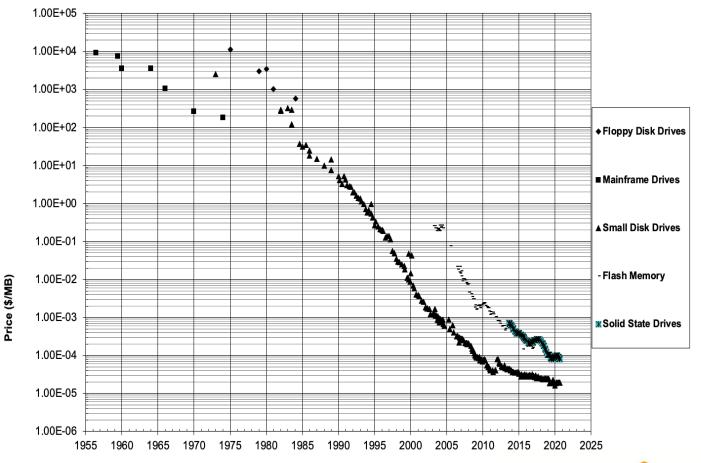






The Challenge (part 2)

Flatlining Storage costs



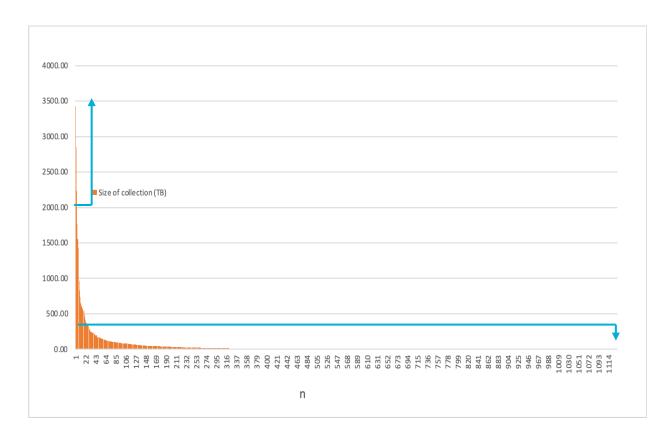




The Challenge (part 3)

Burden Distribution

Range TB	n	%
0-400	1089	96
>2000	3	0.27

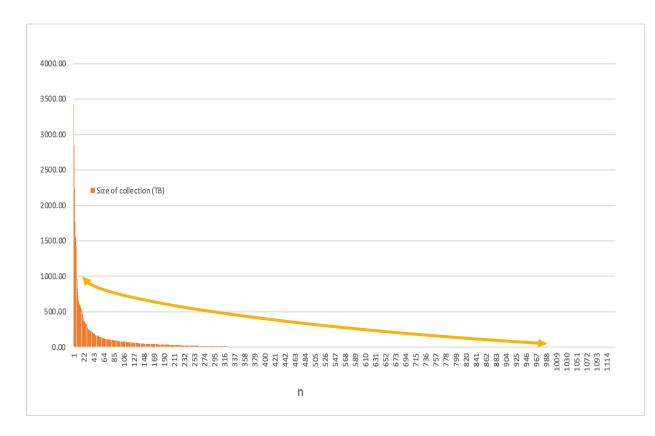






Direction 1?

Increase in small collections

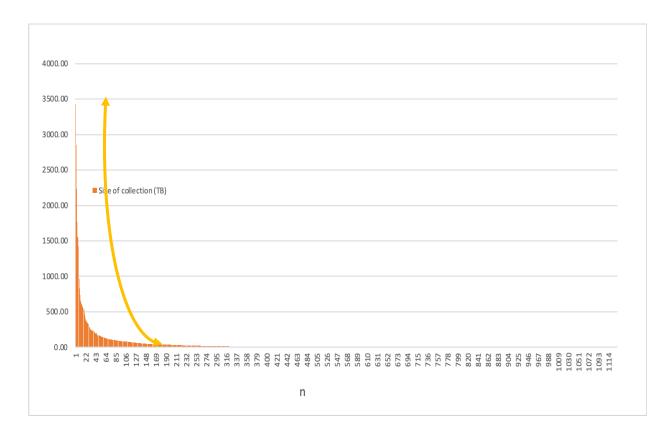






Direction 2?

Increase in large collections

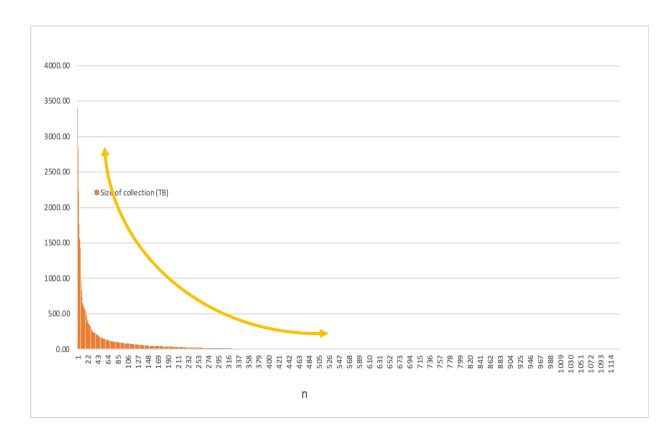






Direction 3?

Increase in all collections

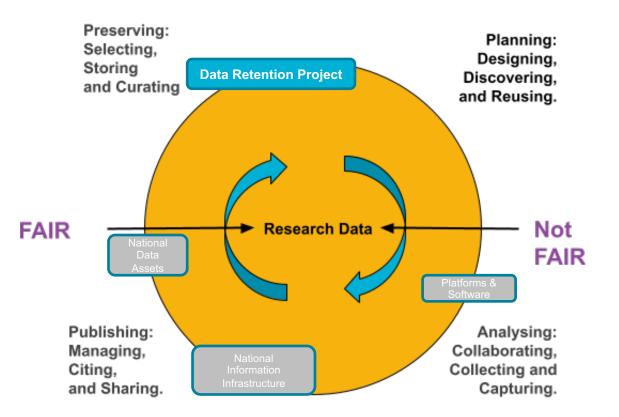






Primary Focus

- Post Project
- Infrastructure
- Enduring change







Data Retention Project Objectives

How to get...

- Coherent Business Intelligence
- Consistent collection characterisation

when....

- Fragmentation remains across
 - o Providers,
 - practice and
 - burden concerns





Data Retention Project Strategy

- Content selection via surrogate value measures
- Support focused on delivery
- Multi-incentive models
 - 0
 - International data citation standards
 - Demarcation of responsibility





SSD

Project Approach































Project Approach SSD >m/d< >data< >doi<





Some Challenges





Issue – Collecting metadata

>doi<







Issue - Collecting metadata

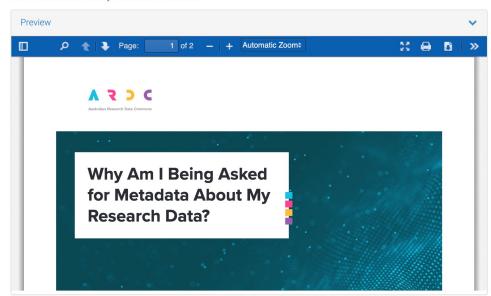
Why am I being asked for metadata about my research data?

Australian Research Data Commons

Find out why metadata are important for your research data collection. This brochure shares the reasons why researchers should use metadata for their data collections.

This brochure was prepared for the ARDC Data Retention Project https://ardc.edu.au/collaborations/strategic-activities/data-retention-project/.

It is for researchers at any institution in Australia.



<10.5281/zenodo.5778322>



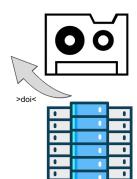


Issue – Registering metadata

























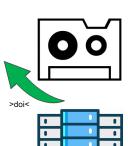


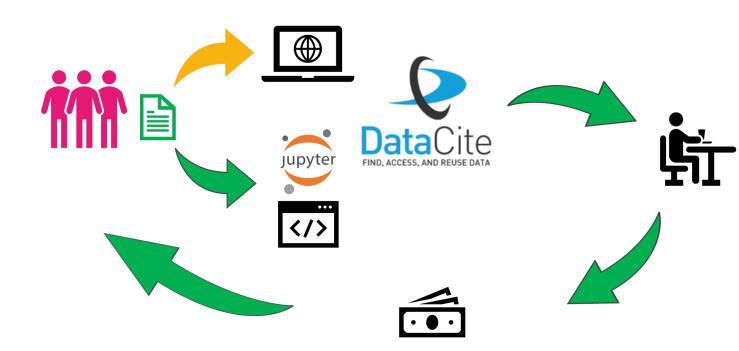
Issue – Registering metadata















Issue – Registering metadata





DataCite API notebook

This repository contains a Python Jupyter notebook and associated files that can interact with the DataCite Member REST API to perform the following functions:

- · Mint draft DOIs
- Publish draft DOIs
- Hide published DOIs
- Delete draft DOIs
- Download metadata for existing DOIs
- "Sanitise" downloaded metadata to...
- Update metadata for existing DOIs

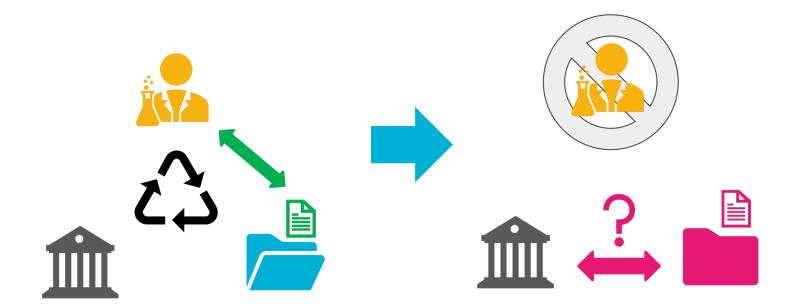
Liffers, M. (2021). ARDC DataCite API Jupyter notebook (Version 0.1.0) [Computer software]. https://doi.org/10.5281/zenodo.5574653



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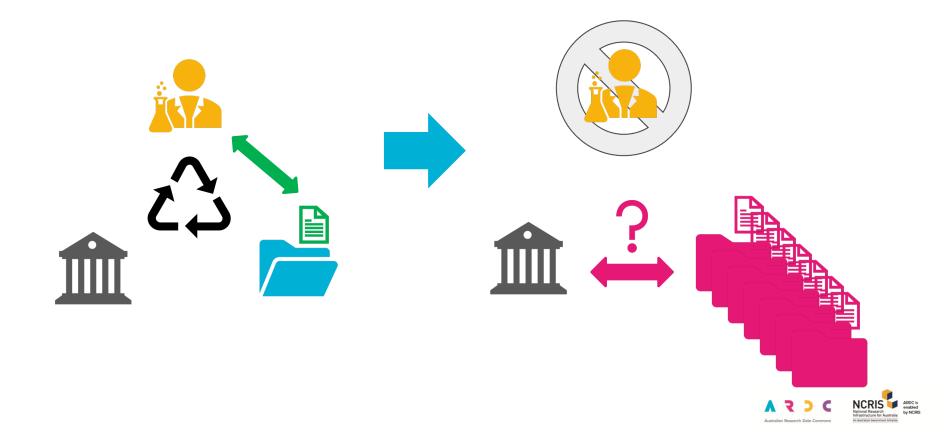


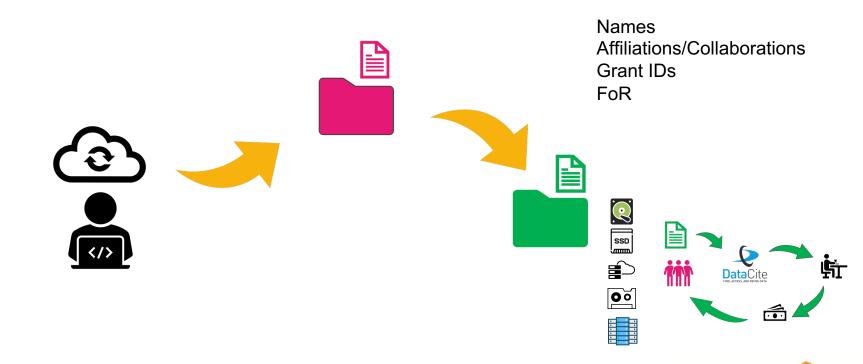


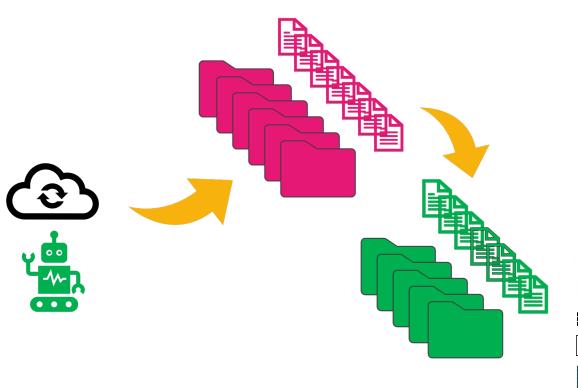




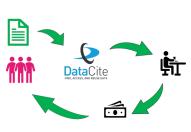






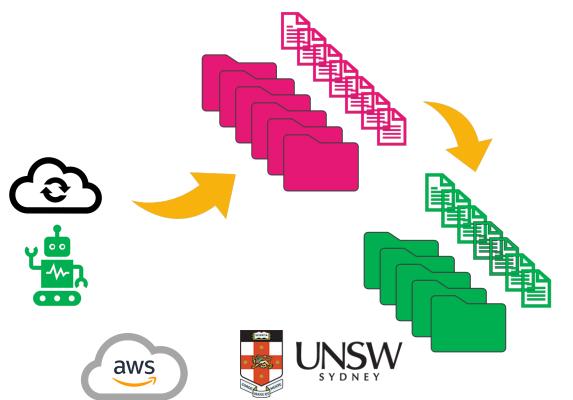












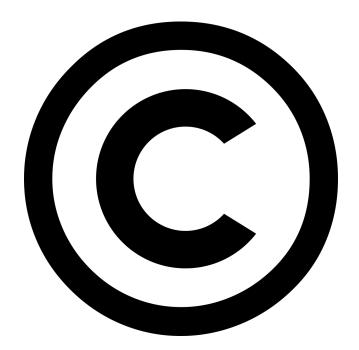








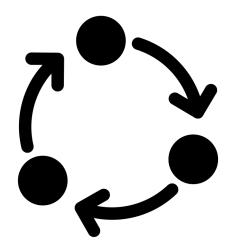
- Licensing
- Process Integration
- 'Apex' incentives
- 'Foundation' incentives







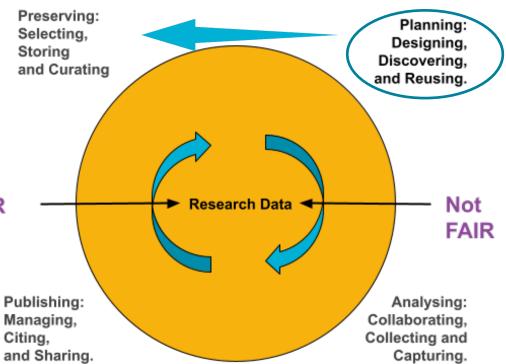
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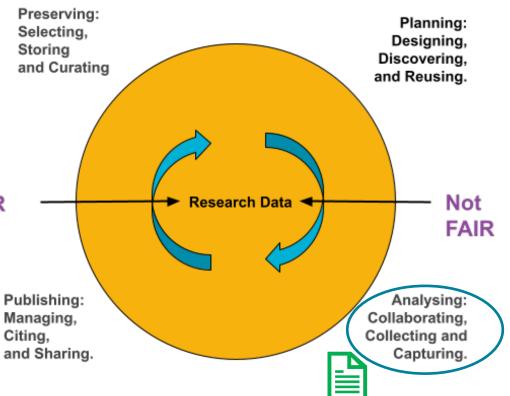
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- Licensing
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Thank You max.wilkinson@ardc.edu.au