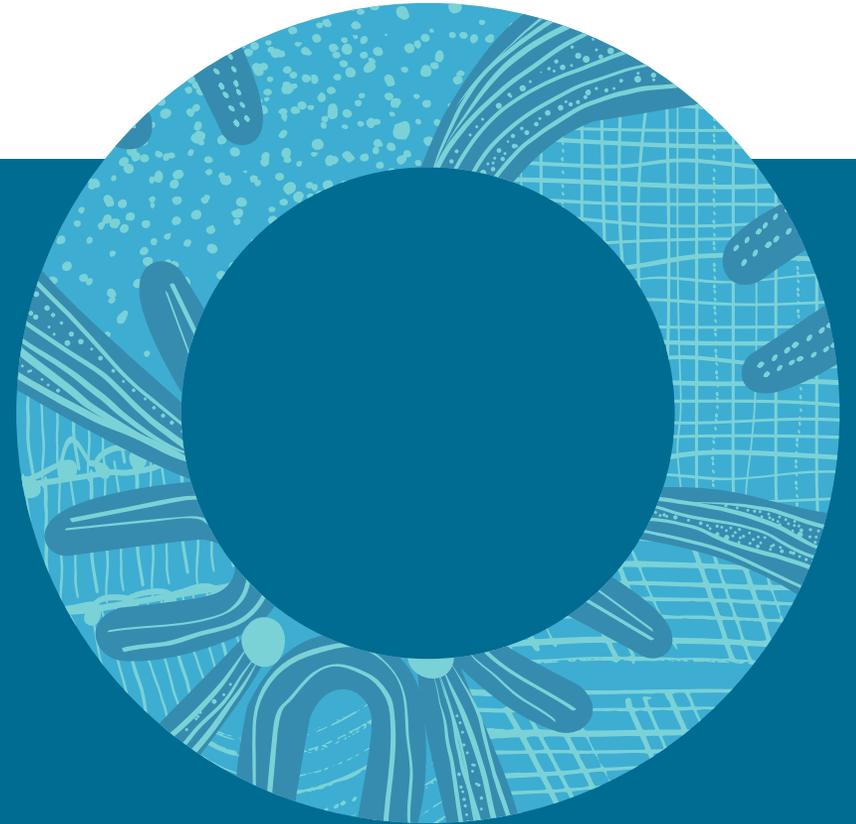


Our journey in connecting processes and systems to future proof research data

The UC Research Data Management Framework project collaboration with Elsevier and Queensland Cyber Infrastructure Foundation (QCIF)

Dr Anesh Nair



Research Data Management Framework Project

- Commenced in mid 2020
- Took stock of what we were currently doing
- Identified significant gaps
- Developed plan to address gaps and enhance capabilities
 - Research Data Management Framework Project

RDM Framework Project at UC

Phase 1: set the scene

1. Information, documents on policy, guidelines, best practices, forms (i.e. data storage application) and online resources (internal and external) will be available on eResearch web page.
2. RDM plan (a word document); examples will be provided.
3. Long-term plan: RDM plan to become mandatory for HDR students as a requirement to access to corporate data storage. In longer term, this can also become mandatory for the research staff starting any research project.

Phase 2: tools to support RDM

1. Digital survey management tools: REDCap, Qualtrics
2. Digital RDM planning tool (RedBox): open source, developed by Australians (ANDS, QCIF and others) and used by Australians
3. Digital [lab] note management tool (OneNote, LabArchive, Hivebench, an open source tool, etc.)

Training (Training courses, Face to face and online seminars, Drop-in sessions)

Integrating Pure with Data Monitor

- Engaged Elsevier for Digital Commons Data and Data Monitor
- UC has already been using Pure for grants management
- Low hanging fruit - both Elsevier products so it should be easy to connect them

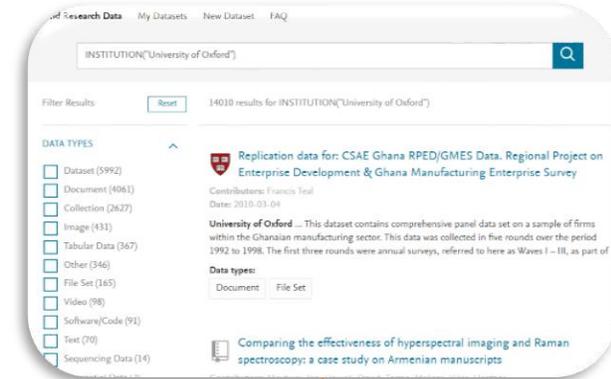
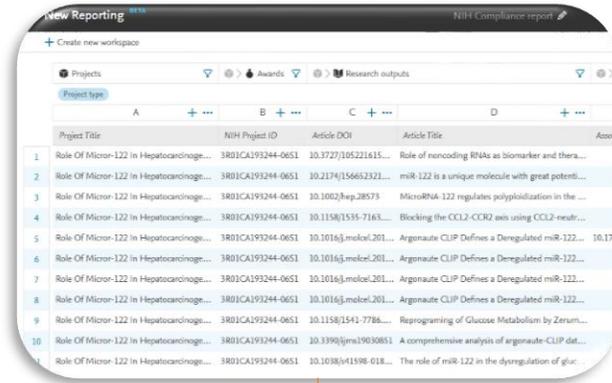
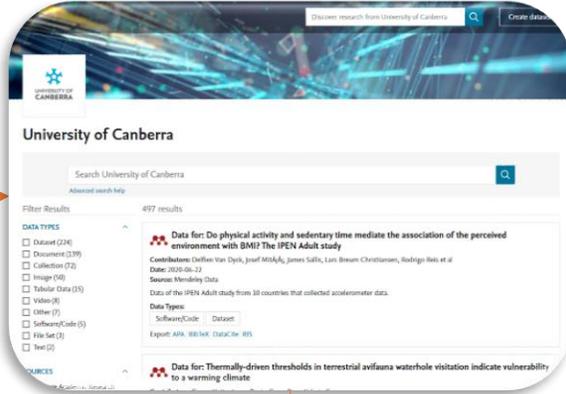
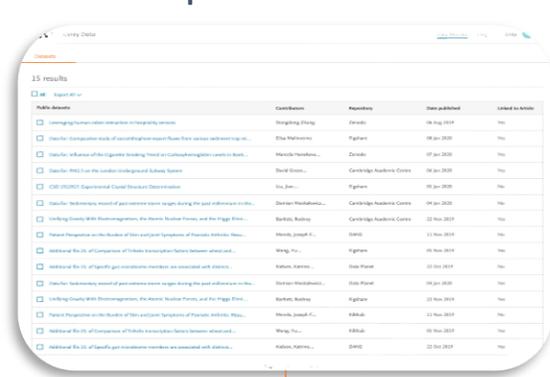
DC Data and Pure: putting UC in the RDM driving seat

Organize, curate and report on public research data

Showcase public research datasets

Integrate with Pure for advanced reporting

Perform advanced data search queries



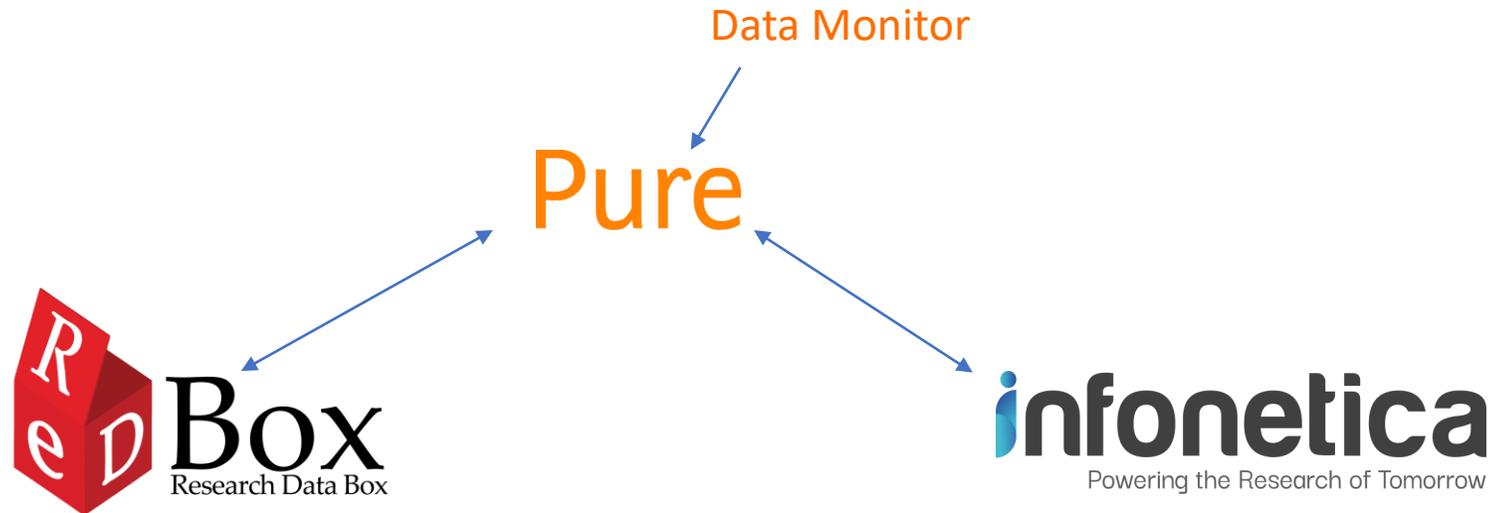
Data Monitor

Opportunity knocks...

- Concurrent development of ReDBox for digital data management plans during Pure – Data Monitor integration
- UC now had 3 major products/systems for researchers to use
 - ReDBox – Research Data Management plans
 - Pure – Grant Management system and updating researcher profiles
 - Infonetica – Ethics application platform

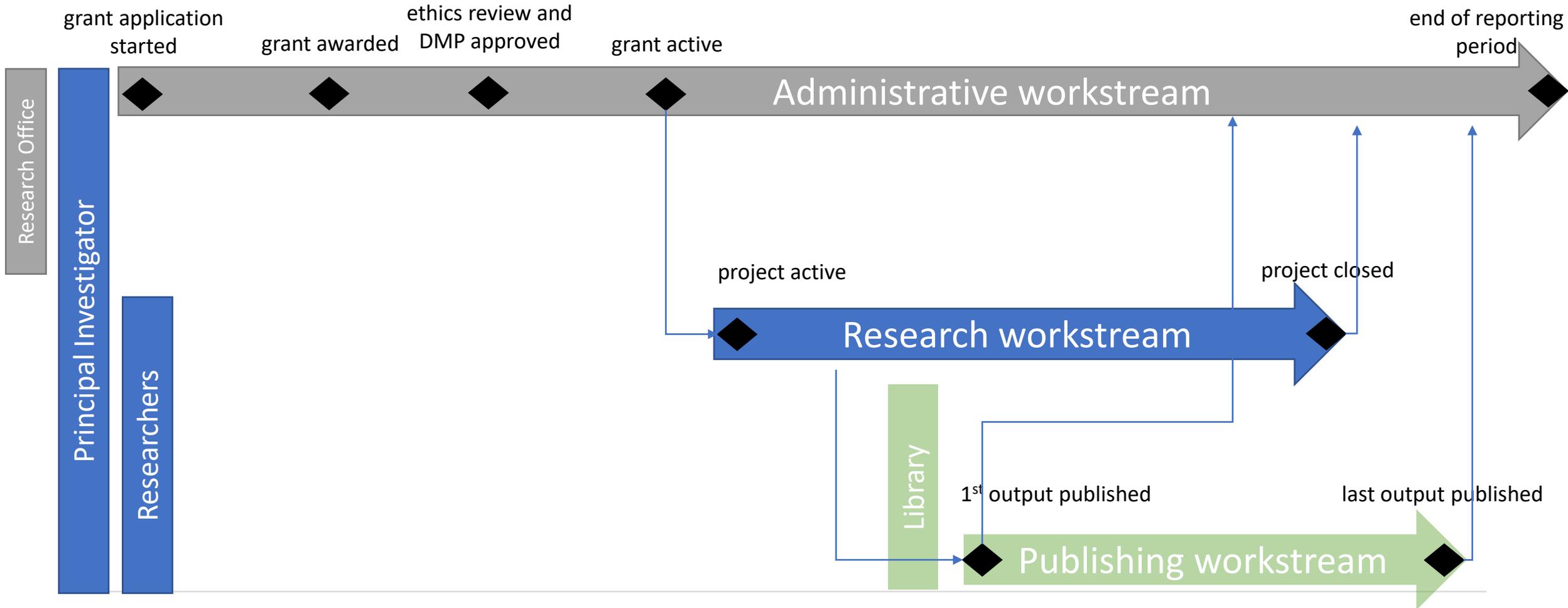
Pilot project was born

- What if we could integrate RedBox with Pure and also connect Pure with Infonetica?

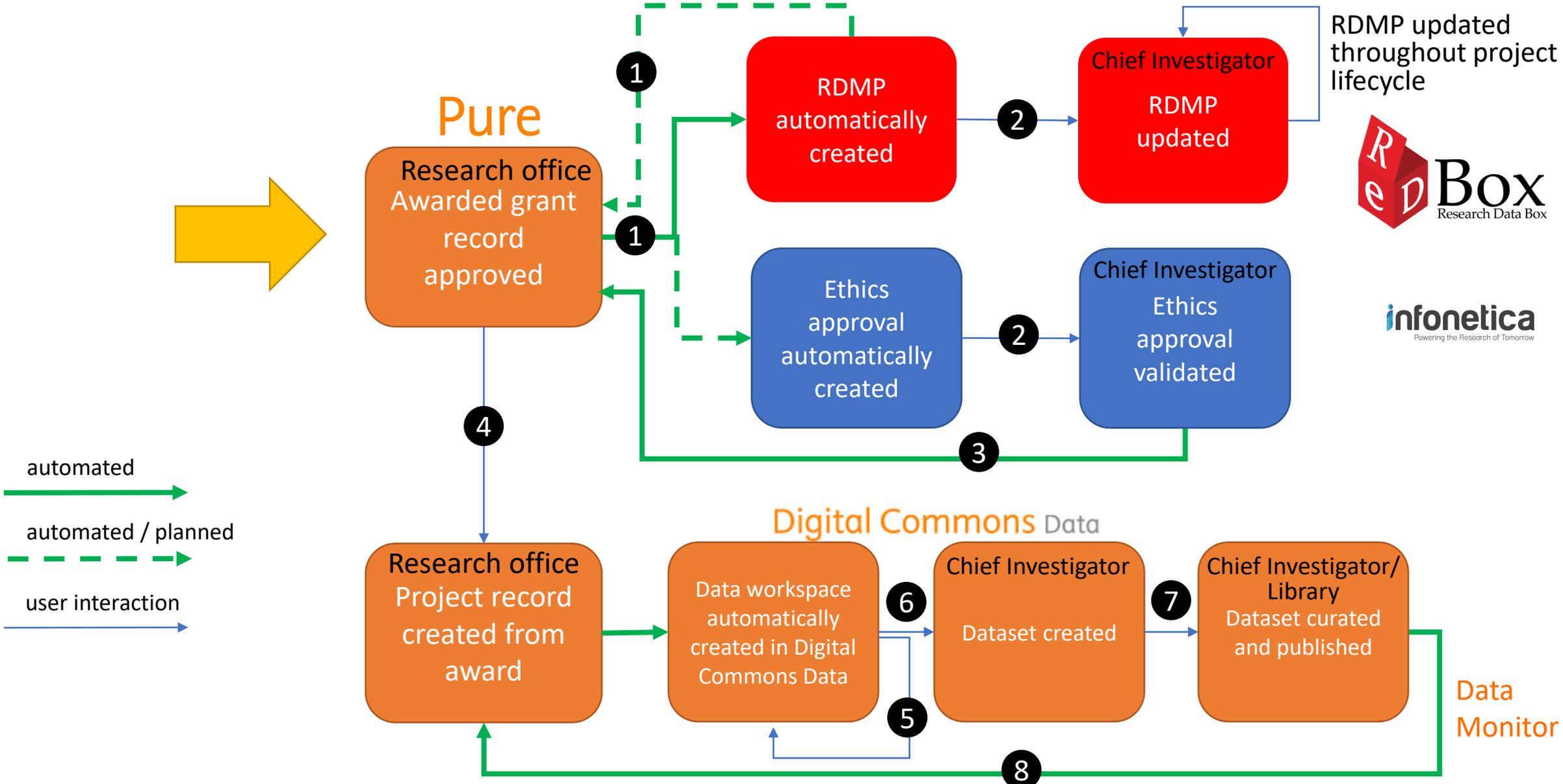


- Researchers would be able to have a seamless transition from getting a grant application awarded in Pure to drafting a RDMP and then applying for relevant ethics approvals

The integrated workflow: functional view



The integrated workflow: architectural view



From award to RDMP

Pure



 **Calm and Alert – Ready to Learn: A transition program created by families, EC service!**
Award: Other > Award

Identification

Title *

Calm and Alert – Ready to Learn: A transition program created by families, EC service

Short title

Calm & Alert

Acronym

ASRP

Description

This project will investigate the effectiveness of a play-based program to enhance pre-schoolers' self-regulation (SR) in the transition to school, with a particular focus on children and families from diverse backgrounds and those experiencing risk or vulnerability. The program will be co-designed with families, Early Childhood (EC) educators, and school teachers. The program will subsequently be trialed in a pilot study involving two transition teams (EC providers and schools). Children's SR, learning dispositions, and developmentally appropriate academic learning will be assessed following a quasi-experimental pre-/post-test design. Findings will inform a funding application for a larger scale study that will scale-out the program more widely in the ACT and/or into other jurisdictions.

IDs

DMP ID: 031bb0b01c3a11eca9d2a9baa0ff674a

Edit 

Add ID...

Link back

This content is sourced from an external system. You may view the content in the external system by following the links below.

View content in external system:

- [DMP ID: 031bb0b01c3a11eca9d2a9baa0ff674a](#)

Calm and Alert – Ready to Learn: A transition program created by families, EC services and schools

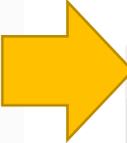
 Edit this plan

Create a data record from this plan

Description

This project will investigate the effectiveness of a play-based program to enhance pre-schoolers' self-regulation (SR) in the transition to school, with a particular focus on children and families from diverse backgrounds and those experiencing risk or vulnerability. The program will be co-designed with families, Early Childhood (EC) educators, and school teachers. The program will subsequently be trialed in a pilot study involving two transition teams (EC providers and schools). Children's SR, learning dispositions, and developmentally appropriate academic learning will be assessed following a quasi-experimental pre-/post-test design. Findings will inform a funding application for a larger scale study that will scale-out the program more widely in the ACT and/or into other jurisdictions.

Expand/Collapse all

 - Project

Project overview

Project ID

58236613

Keywords

Project website

Enter the start date of your project.

01/02/2021

End Date

31/12/2022

Funding source

ACT Government

From award to project in Pure

Related project ?

Related project



Create project based on this award.

Save and create project...



Create project

Create a new project based on this award. Note: You have to save the new project before making changes to the existing award.

Calm and Alert – Ready to Learn: A transition program created by families, EC services and schools

Award: Other > Award

Project type
Project: Research project

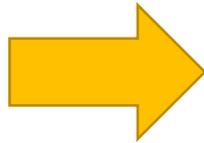
Copy these fields to the new project:

- Nature of activity type
- Title
- Short title
- Acronym
- Descriptions
- IDs
- Related award holders
- Managing organisational unit
- Actual start/end date
- Organisations

Once you click **Create**, the new project will be created and you will be able to add and change fields.

Close

Create



Calm and Alert – Ready to Learn: A transition program created by families, EC service!
Project: Research project

EDIT

- Metadata
- Time tracking
- Link back

OVERVIEW

- Relations
- Fingerprints
- Display

HISTORY AND COMMENTS

- History and comments

NOTIFICATIONS

Notifiers responsible for handling his submission: None

Comment on workflow step change:

Classifications ?

Project type
Research project

Nature of activity type
Research

Add nature of activity type...

Identification ?

Title *
Calm and Alert – Ready to Learn: A transition program created by families, EC service

Short title
Calm & Alert

Acronym
ASRP

Description
This project will investigate the effectiveness of a play-based program to enhance pre-schoolers' self-regulation (SR) in the transition to school, with a particular focus on children and families from diverse backgrounds and those experiencing risk or vulnerability. The program will be co-designed with families, Early Childhood (EC) educators, and school teachers. The program will subsequently be trialed in a pilot study involving two transition teams (EC providers and schools). Children's SR, learning dispositions, and developmentally appropriate academic learning will be assessed following a quasi-experimental pre-/post-test design. Findings will inform a funding application for a larger scale study that will scale-out the program more widely in the ACT and/or into other jurisdictions.

Layman's description

Key findings

Status: For approval

Save

From project to active dataset

< Back



Calm and Alert – Ready to Learn: A transition program created by families, EC services and schools

This project will investigate the effectiveness of a play-based program to enhance pre-schoolers' self-regulation (SR) in the transition to school, with a particular focus on children and families from diverse b...



Members



Settings

Data sources

Add a data source

Alberto's OneDrive



NE-H010343-1

Collaborative dataset editing

Drag & drop folders and files from institutional storage

Group

Shared draft datasets

Your shared datasets

+ Import dataset



Test dataset for DMP integration



+ Add a new shared dataset

Group

Published data

Public



Published information

Status: Draft (Version 1)

Published version:

Visibility: Private

Preview

Share

Delete

Publish

Set Embargo Dat

Reserved DOI: 10.17632/zwcxvp6fx.1

ve been
is project

n available to the world.

Publishing triggers moderation workflow

From draft to FAIR dataset: data curation workflow

Datasets in moderation

Waiting for review

Returned to owner

Title

Test dataset for DMP integration

Text

Before you publish

- I understand that I cannot delete or change the dataset
You will not be able to edit or delete this version of your dataset, but you will be able to publish a new version of the dataset if you need to make changes.
- I understand the dataset will be accessible to the public
This version of your dataset will be discoverable, citable (with its own DOI) and downloadable by anyone.
- I confirm the dataset does not contain confidential or personal information
You have verified that your dataset does not contain confidential or personal information. (See full terms which must be complied with)

Cancel

Publish

[Edit dataset title and description](#)

Test dataset for DMP integration

Reason previously returned
Please enter steps to reproduce

Description
Test dataset for DMP integration

Steps to reproduce
Steps to reproduce

Submitter Alberto Zigoni

Contributors Alberto Zigoni

Institutions Elsevier BV

Departments

Categories Testbed

Version 1

Request changes

Approve

Activity

- Alberto Zigoni submitted a dataset into moderation
21 Oct 2021 09:05
- Comment added by a moderator:
"Please enter steps to reproduce"
21 Oct 2021 09:04
- Alberto Zigoni submitted a dataset into moderation
21 Oct 2021 09:04

11 Aug 2021 11:02

[View draft](#)

[Activity](#)

Full audit log available to ensure provenance

Datasets Users Audit Log Customise Homepage

Audit Log

Filter by

From Until

Anytime
 Last 24 hours
 Last week
 Last month

User ID

Dataset ID

Action type

All users
 Admin only

100 Results

[Export results](#)

Dataset ID	Version	Action	Entity	User ID
zwcxvp6fx	1	mode...	draft_dataset	ec6e9505-5131-3b69-9e55
zwcxvp6fx	1	update	method	ec6e9505-5131-3b69-9e55
zwcxvp6fx	1	mode...	draft_dataset	ec6e9505-5131-3b69-9e55
zwcxvp6fx	1	publis...	draft_dataset	ec6e9505-5131-3b69-9e55
zwcxvp6fx	1	update	description	ec6e9505-5131-3b69-9e55
zwcxvp6fx	1	create	categories	ec6e9505-5131-3b69-9e55
zwcxvp6fx	1	create	files	ec6e9505-5131-3b69-9e55
zwcxvp6fx	1	create	files	ec6e9505-5131-3b69-9e55
zwcxvp6fx	1	create	files	ec6e9505-5131-3b69-9e55

ACTION DETAILS

Dataset ID: zwcxvp6fx
Title: [Test dataset for DMP integration](#)
Dataset DOI: 10.17632/zwcxvp6fx.1
Version: 1
Owner: Alberto Zigoni
User ID: ec6e9505-5131-3b69-9e55-6a7023469acc

Action

Actioner: Alberto Zigoni
User ID: ec6e9505-5131-3b69-9e55-6a7023469acc
Date: 21 Oct 2021 09:05
Admin: Yes
Action: Update
Entity: method

Original steps to reproduce

Updated steps to reproduce

Steps to reproduce

From curated to published dataset



Elsevier BV

My Data

Projects

Collections

Moderation

Admin

Data Monitor ↗



This is your published dataset

To make changes to your dataset

Create new version

Test dataset for DMP integration

Published: 21 October 2021 | Version 1 | DOI: 10.17632/zwcnxvp6fx.1

Contributor: [Alberto Zigoni](#)

Description

Test dataset for DMP integration

Download All

Files



NE-H010343-1



my-research-data-from-institutional-cloud-storage.xlsx

17 KB

Dataset metrics

No metrics available.

Latest version

Version 1

Published:

21 Oct 2021

DOI:

10.17632/zwcnxvp6fx.1

Cite this dataset

Zigoni, Alberto (2021), "Test dataset for DMP integration", Mendeley Data, V1, doi: 10.17632/zwcnxvp6fx.1

Copy to clipboard

From published dataset to Pure record

Data Monitor integration

In this configuration page you can set up integration with Data Monitor to automatically source Dataset content.

What is the Data Monitor integration

Enabling the integration with Data Monitor will automatically create Dataset content (associated with relevant Persons and Organisations) in Pure. Relations with Research Outputs will also automatically be created, where available.

Enabling the Data Monitor integration below will turn on the 'Data Monitor: Import Datasets' job, and set it to run on a weekly basis. The settings can be changed in the 'Administrator > Jobs > Cron Job Scheduling' menu.

Data Monitor integration

Turn on the Data Monitor integration to source existing and future Dataset content.

Turn off the Data Monitor integration to pause the integration and prevent new Dataset content being populated in Pure.

Data Monitor integration

On

+ Add content

Tasks

88 Datasets were
Data Monitor

Edit dataset association

Related object

Test dataset for DMP integration

Dataset

Award

Calm and Alert – Ready to Learn: A transition program created by families, EC services and schools

Award: Other > Award

Cancel

Update

Project	Nature of activity	Funder	Ethical reviews	Applications	Awards	Awarded ↑	Spend	Funded period	Allocated time (H)	Spend time (H)	Documents	Upcoming milestones	Research outputs	Activities	Acronym	Impacts	Datasets	Prizes	Facilities/Equipment	Press/Media
ASRP: Calm and Alert – Ready to Learn: A transition program created by families, EC services and schools Pino Pasternak, D., Pamphilon, B., Simoncini, K. & Zigoni, A. Project: Research project	Research	ACT Government				122,303.00 GBP	0.00 GBP	Feb 2021 – Dec 2022							ASRP					

Datasets

Test dataset for DMP integration

Zigoni, A. (Contributor), Mendeley Data, 24 May 2021

DOI: 10.17632/238p2496v3.1, <https://data.mendeley.com/datasets/238p2496v3>

Dataset

Lessons learnt

Hot

- Setting expectations early
- Keeping things simple
- Agility
- Working for the project not the client

Not

- Inconsistent messaging
- Hesitancy to ask right questions
- Working across different time zones
- Coordinating between different vendors can be a challenge

What the immediate future holds...

- Going live with the Pure-ReDBox integration
- Automated workspace creating in Digital Commons Data
- Mapping out Pure-Infonetica integration points in the UC context
- Testing and optimising Pure-Infonetica integration

Acknowledgements



ELSEVIER

- Daniel Boydell, Alberto Zigoni, Michael Jones, Grahame Pearson



- Lachlan Hoole, Andrew Brazatti, Hoylen Sue, Matthew Mulholland



- Richard Parrot, Belinda Seeto



- Milica Symul, Bill Roberts, Magdalena Slabuszewska, Sean Sinclair, Arvind Reddy, Matt Muskat, Mahin Raissi, Kyle Hemming

Contact us

To talk to us about our integration work or PURE, please contact -

Dr Anesh Nair: anesh.nair@canberra.edu.au

Mr Grahame Pearson: g.pearson@elsevier.com



UNIVERSITY OF CANBERRA

The University of Canberra acknowledges the Ngunnawal people, traditional custodians of the lands where Bruce Campus is situated. We wish to acknowledge and respect their continuing culture and the contribution they make to the life of Canberra and the region. We also acknowledge all other First Nations Peoples on whose lands we gather.