National PID Infrastructure Strategy for Open Research:

The view from Down Under

PIDs Webinar Series for CRKN, CARL-Portage & Research Data Canada
31 March 2021

PRESENTED BY

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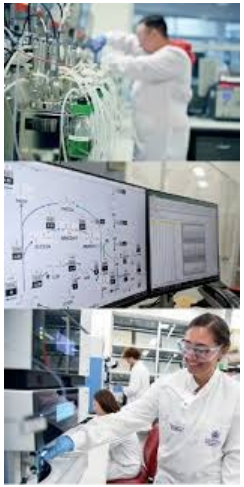
NCRIS National Research Infrastructure for Australia
An Australian Government Initiative

Australian National Research Infrastructure Roadmap

"...nationally significant assets, facilities and services to support leading edge research..."

https://docs.education.gov.au/node/43736



National Imaging Facility

AuScope NVCL - MRT Node

BEETLES
(COLEOPTERA)

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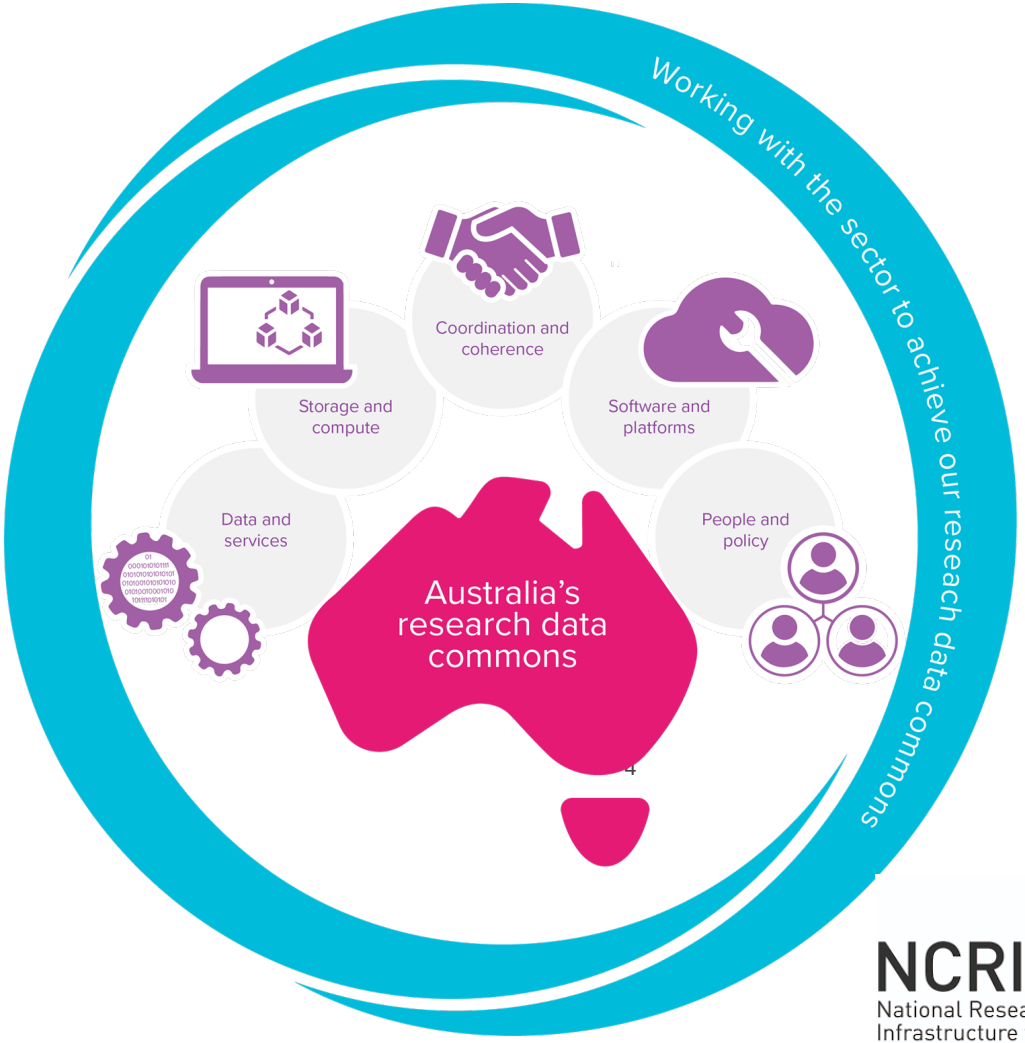
...transforming digital infrastructure to support leading edge research and innovation....



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ARDC National Information Infrastructure

Research Data Australia

Research Data Australia (RDA) is an online portal for finding research data and associated projects, researchers, and data services. You can find, access, and reuse data for research from over one hundred Australian research organisations, government agencies, and cultural institutions.

Identifier Services

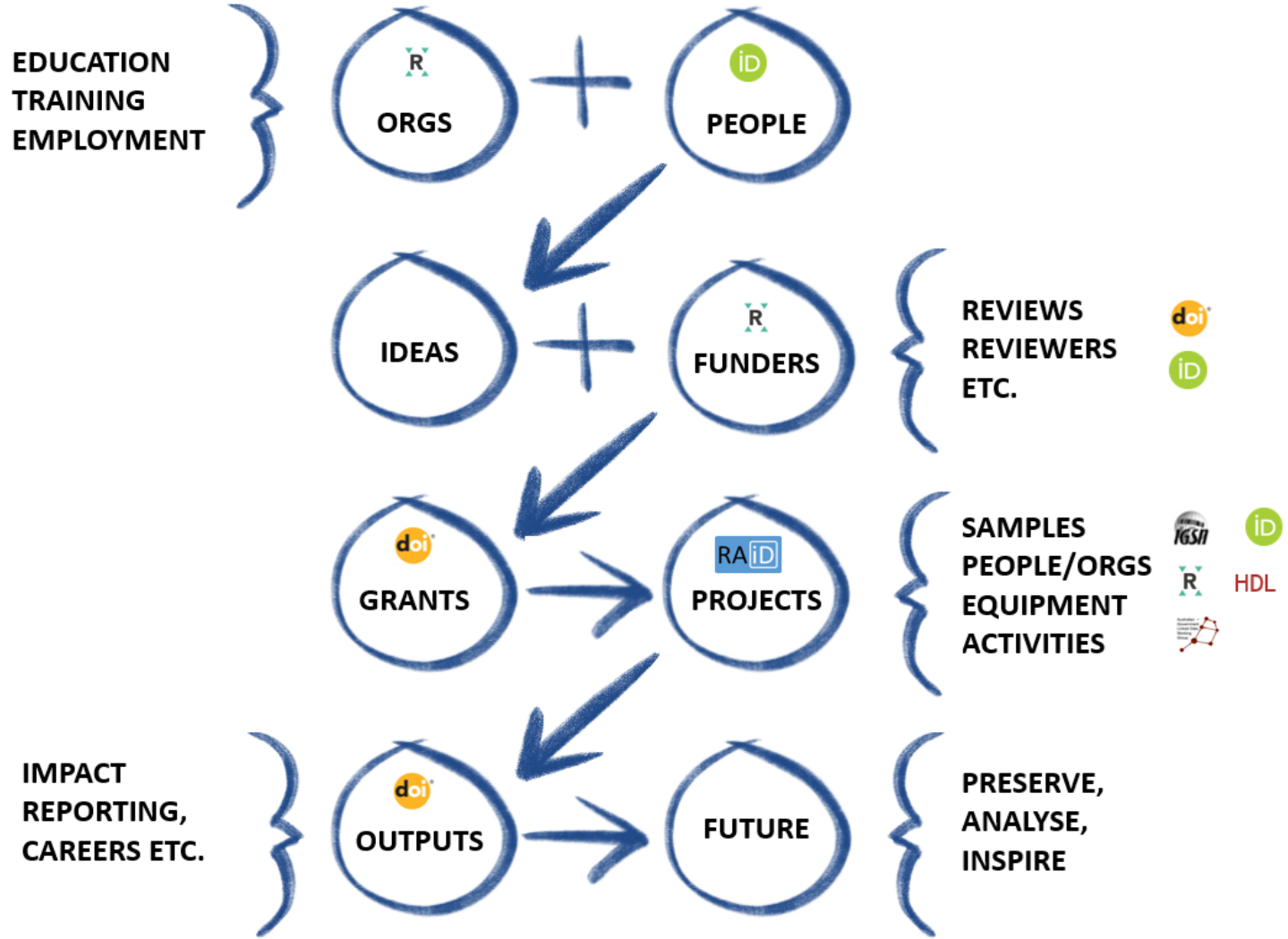
We provide services to create and manage persistent identifiers for research data, research samples, files, documents or other digital objects. Identifiers connect objects to important context surrounding the objects and adds value to them.

Research Vocabularies Australia

Research Vocabularies Australia (RVA) makes it easy to find and use controlled vocabularies used in research. It also makes it possible for Australian research organisations to publish, re-purpose, create, and manage their own controlled vocabularies.

Persistent Identifiers as National Infrastructure

- national adoption and coverage
- efficient national provision
- strategic national direction



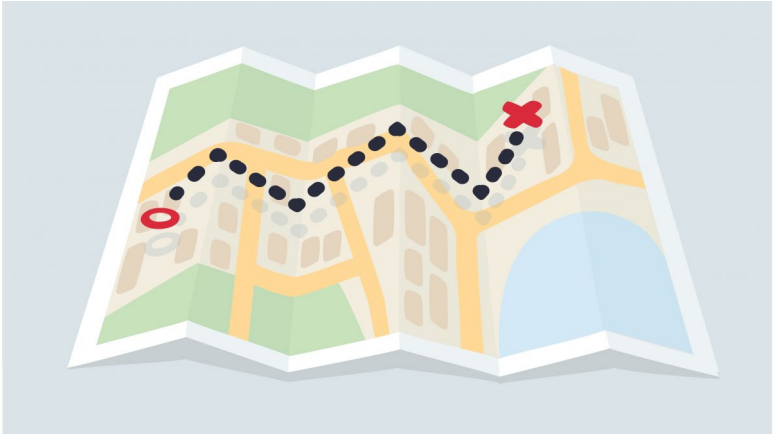
Josh and Natasha made this graphic. Ta!

PID Service Portfolio Considerations

- coverage of key elements of research: eg people, publications, data, samples, projects, etc
- spectrum of PID technical approaches: eg Handle, DOI, Linked data
- operation and facilitation
- attributes of “good” PID systems (more on that in below in Policy)

New in 2020

- ARDC PID Portfolio Review
  - by Josh Brown
- ARDC PID Policy
- ARDC PID Roadmap



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ARDC PID Policy - Highlights

- Research impact….research integrity….research innovation and efficiency...
- PIDs...core component of national.. and global infrastructure
- ARDC PID services are offered in partnership with international service providers..
- ..a condition of ARDC investment…
- … greatest value at global scale...

https://ardc.edu.au/wp-content/uploads/2020/06/ARDC_Persistent_Identifiers_Policy.pdf

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ARDC PID Services Roadmap

		Keep	Chuck	Change	Add
1	Grant ID		Discontinue PURL		ARDC investment IDs (CrossRef Grant ID)
2	DataCite DOI	Funding consortium access	Discontinue ARDC local systems	Long term consortium model	Outcome and impact tracking
3	RAID	Support of Australian uptake		3 year transition to international organisation	3 year establishment investment
4	Handle	Stable operation		Join global consortium	
5	IGSN	Support for Australian uptake	Existing system	New system with int. collaborators	“IGSN 2040” architecture
6	AGLDWG				ARDC operation of AGLDWG service

		Keep	Chuck	Change	Add
7	ORCID	Support for Australian uptake			Outcome and impact tracking
8	ROR	Support for Australian uptake			Integrate into ARDC systems
9	Instruments	Support for Australian uptake			Support the establishment of global initiative

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PIDapalooza Dublin 2019