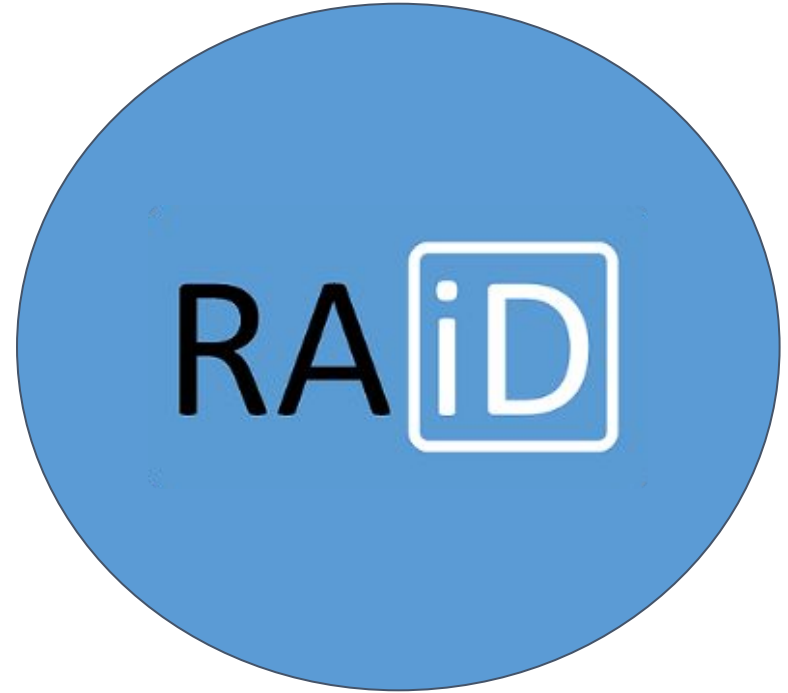




RAiD:Research Activity ID
A PID for Projects

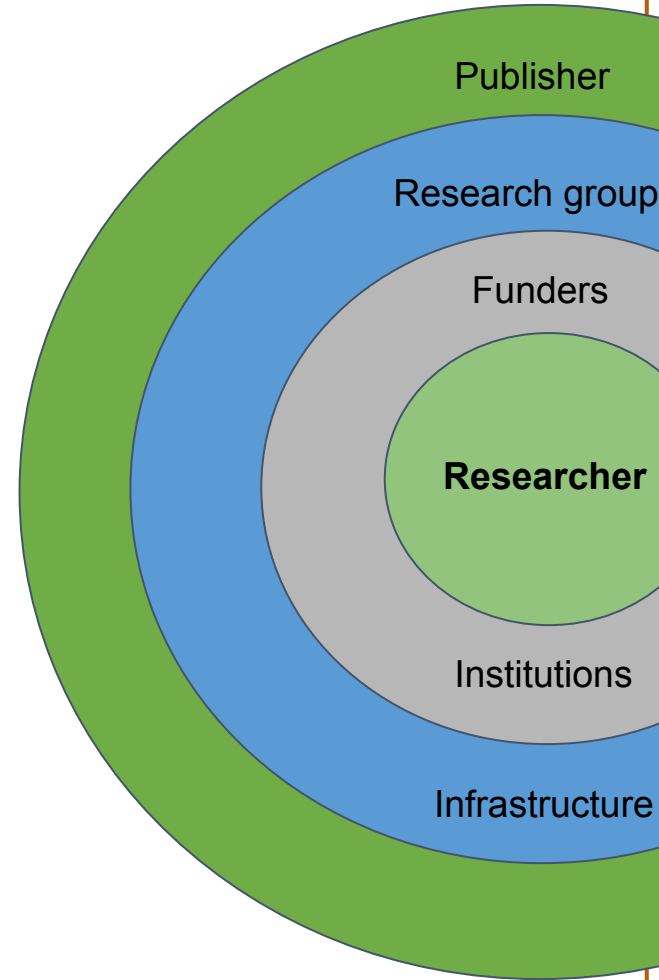
RAiD: A PID for projects

- Audit mechanism
- Records resource usage and location
- Records group members and access
- Associates collaborating entities with project activity
- Mechanism for automated access and use



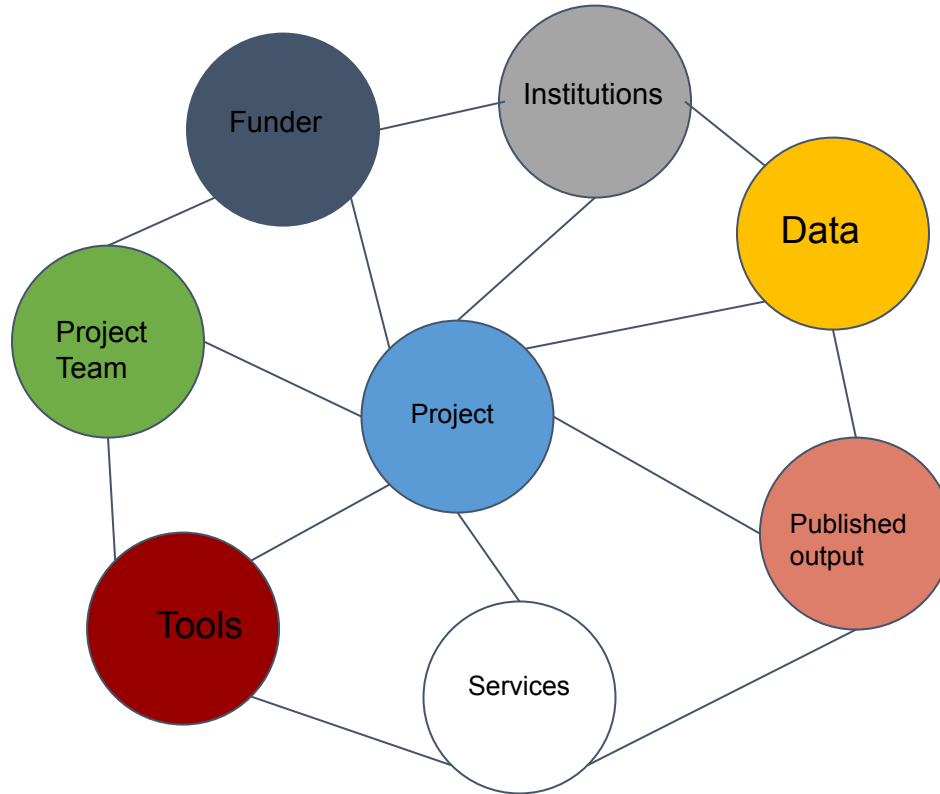
Why a Project ID?

- Projects are a stable entity
 - Researchers move, institutions change, but projects remain
- Reflects collaborative practices
- Low administration burden
- Improves reporting for infrastructure usage
- Provide clear lines of provenance
- Removes the issue of the individual gatekeeper

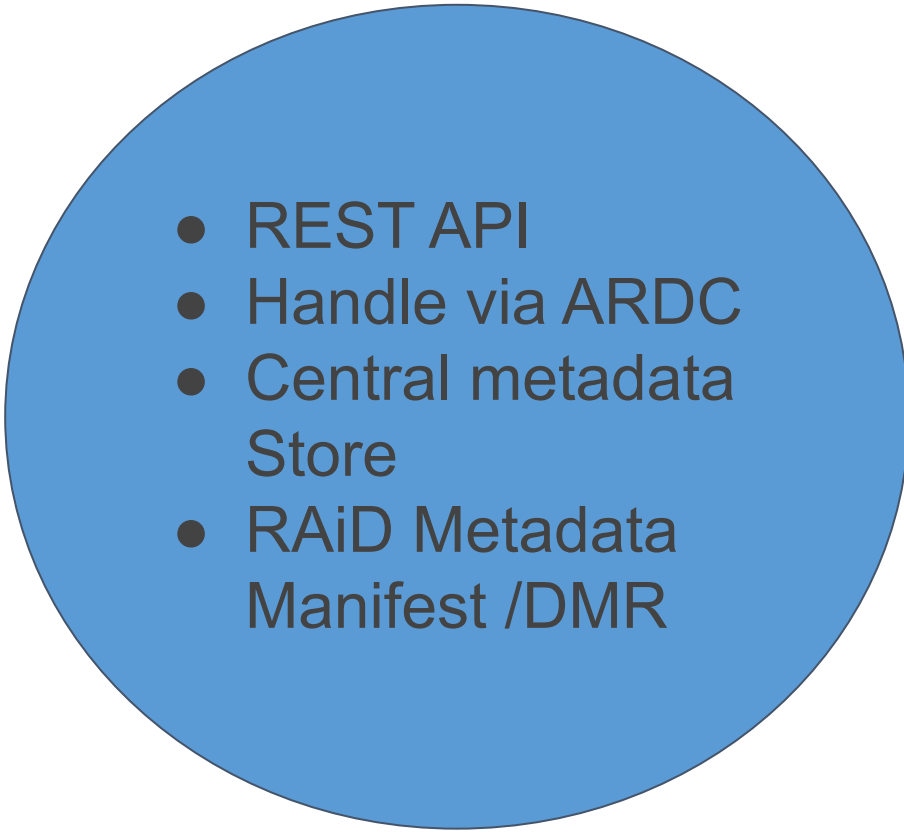


Project Centred Research

- **Project has Persistent ID**
- **Entities recorded in Metadata**
- **Research actions reflected in project timeline**
- **Related PIDs recorded in metadata**



RAiD Service Technology

- 
- REST API
 - Handle via ARDC
 - Central metadata Store
 - RAiD Metadata Manifest /DMR

- No schema
- No fees
- Platform agnostic
- Simple integration

RAiD DMR

13.1010/463
UQDMR
17/09/2017



3457.2300/107

[http: 10.1002/002-8231\(1976\)47:1](http://10.1002/002-8231(1976)47:1) — ANDS RDS Dataset

[http: 10.1002/005-4721\(7214\)31:2](http://10.1002/005-4721(7214)31:2) — Figshare Dataset

<https://ror.org/00rqv9422>

Uni of QLD (04/07/15 -
....

<https://ror.org/03b94tp07>

Uni of Auckland (05/08/16 – 04/07/15)

- uq.edu.au/114/32 — UQ local storage (04/07/15 – 17)
- 79.152.127.243 — UQ local storage Nectar Instance (04/07/15 – 17)
- A.URL.WHEE.EDU — Cloudstor storage (04/07/15 –
....

12.4372/487

Subproject

#3457.2300/107

j.smith@uq.edu.au (04/07/15 - 04/07/17)

m.blogs@uoa.edu.nz (01/07/15 -

<http://orcid.org/0000-0002-3843> (04/07/15 - 04/07/17)

RAiD Today

Usage

- 13 Live Service Points
- 2562 Active RAiDs

Standards

- ISO Work Package
- 36 month process

Service

- Transition to Service
- RAiD Advisory Group Established

IGSN - International GeoSample Number

The IGSN is a persistent unique identifier for physical samples and specimens that eliminates the problems associated with the ambiguous naming of samples. The IGSN registration service will facilitate the discovery, access, and sharing of samples, ensure preservation and access of sample data, aid identification of samples in the literature, and advance the exchange of digital sample data among interoperable data systems, thus maximizing the utility of samples for research, education, and society.

<https://igsn.github.io/> & <http://www.igsn.org/>

IGSN – ARDC service



The screenshot shows the ANDS (Australian National Data Service) website. At the top, there is a navigation bar with links for 'About ANDS', 'Events', and 'Contact Us'. Below this is a search bar labeled 'Search for Research Data' and another labeled 'Search the ANDS Site'. The main navigation menu includes 'About us', 'News and Events', 'Partners and Communities', 'Working with data' (which is highlighted), 'Online Services', and 'Guides and resources'. A green banner below the navigation menu reads 'Working with data'. On the left side, there is a sidebar menu under 'Citation and Identifiers' with options: 'Identifying researchers', 'Data citation', 'Persistent Identifiers webinar series', 'International Geo Sample Number' (which is highlighted), and 'Software citation'. The main content area is titled 'International Geo Sample Number (IGSN)' and includes a breadcrumb trail: 'ANDS | Working with data | Citation and identifiers'. Below the title is a social media sharing bar with icons for Facebook, Twitter, LinkedIn, YouTube, and a 'SHARE' button. The text 'International Geo Sample Number (IGSN) System for Physical Samples' is followed by a section titled 'What is IGSN?'. The text explains that the IGSN is designed to provide a globally unique persistent identifier for physical samples, facilitating their location, identification, and citation. It mentions that the IGSN is underpinned by the Handle System and is governed by the IGSN Implementation Organization e.V.

ANDS | Working with data | Citation and identifiers

International Geo Sample Number (IGSN)

International Geo Sample Number (IGSN) System for Physical Samples

What is IGSN?

The International Geo Sample Number (IGSN) is designed to provide an unambiguous globally unique persistent identifier for physical samples. It facilitates the location, identification, and citation of physical samples used in research. While applicable to any type of physical sample, impetus for the IGSN has come largely from the earth science community where IGSN are assigned to geological and environmental samples such as rocks, drill cores and soils, as well as related sampling features such as sections, dredges, wells and drill holes.

The IGSN system is underpinned by the [Handle System](#) and is governed by an international organisation, the [IGSN Implementation Organization e.V.](#)

<https://www.ands.org.au/working-with-data/citation-and-identifiers/igsn>

IGSN – Sloan Foundation grant

State of the Planet

EARTH INSTITUTE | COLUMBIA UNIVERSITY

AGRICULTURE CLIMATE EARTH SCIENCES ECOLOGY ENERGY HEALTH SUSTAINABILITY

GENERAL EARTH INSTITUTE

Sloan Foundation Grant Will Help Support Open and Transparent Science

BY MARIE DENOIA ARONSOHN | JULY 20, 2018

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Diamond samples with IGSN labels, from the Deep Carbon Observatory. Photo: Kerstin Lehnert

<https://blogs.ei.columbia.edu/2018/07/20/sloan-foundation-grant-open-science/>