

## Intro. The case for persistent identifiers

Name duplication is a huge problem in publications. ORCID targets this problem by uniquely and persistently identifying each researcher. Avoiding the case of 5 co-authors with the exact same name.

## Persistent Identification of Instruments WG (Rolf Krahl)

- A solution for global unique identification of instruments.
- Identifying a particular instrument at a particular institute, not the types of those instruments.
- Link Data to the instruments that generated them (preference)
- Aid equipment logistics and mission planning
- Interoperability and data sharing
- Discoverability of instruments and their Data
- Metrics to qualify the use of those instruments.

## Progress

- Collect 13 use cases to study the potential and requirements for such a system. British ocean data center (BODC), ESO (Euro South Observatory), ORCID, etc.

## Physical Samples & Collection PIDs

- More than 2000 collection agencies all over the world, 500 in Europe. Need for trans-disciplinary coordination of Physical Sample PIDs. IGSN, modeled after DataCite, has PIDs for Physical Samples. 5M samples registered currently.
- Aim is to solve the IDs for samples problem as a whole, at a high level instead of coming up with different types of PIDs for samples from different domains.
- Project IGSN 2040. WP1 targets sustainability and business model to cope with growth, WP2 targets infrastructure, WP3 aims to integrate with existing PID services.

## Metadata Schema

Inspired by DataCite metadata schema. First draft at WG session in breakout 2.

# Surveying Open Data Practices, Kaz Hayashi

## Why?

Comprehensive benchmark and tracking of open data Practices

Surveys are many but varied and not comparable

Bring best knowledge together to address cultural language and field specific difference

Increase understanding of open data practice

## What?

Convene User communities - dialogue among questionnaire designers and survey users

Develop community designed modular and interoperable open Surveys

Determine how such open surveys could be implemented and results analyzed globally -

Modular surveys

Standard modular surveys - reduce burden on researchers that comes from having to answering surveys from different bodies

## Who said what - ORCID and Assertion Assurance - Tom Demeranville

ORCID now has 5.4M researchers, and has implemented new Affiliation types, Research resources and facilities. This allows ORCID users to register their awards, as well as their facilities.

Information about researchers that needs to be associated their ORCID identifiers

- Qualifications? Invited positions and Distinctions?
- Memberships and services
- Facility Access
- Equipment use

Goal - Connecting people and facilities, as those facilities need acknowledgement for the papers that are written for its expensive access to machines, which is similar to funding

Every ORCID record has a provenance information for its assertions. ORCID will be piloting Assertion Origins in 2019.

## Update organization identifier initiative - Martin Fenner - DataCite

No widely adopted standard persistent identifier for organizations, but organization identifiers are needed to uniquely identify the Affiliation of researchers and research outputs.

From 2015, The Organization Identifier Initiative worked with a broad community of stakeholders to gather use cases, what exists presently and what would be a path forward.

ROR initiative ([www.ror.community](http://www.ror.community)) was created to transition this community approach into a solution. Minimum Viable Registry.

Disambiguation of entities is handled by GRID, and that dataset is loaded into ROR. Dataset follows CC0. Crossref is contributing a pilot application to load data and perform queries.

## FREYA project and the PID forum: Mutual Engagement (Eliane)

What is FREYA?

The PID forum:

INteractive part: How can FREYA and IG PID collaborate in the future? builds on ODIN and THOR project.

PID resolution service best practices: <https://zenodo.org/record/1324300>

Survey of the current PID Services Landscape: <https://zenodo.org/record/1324296>

PID Forum - real time interaction RDA plenaries, EOSC -related events, Conferences, Workshops. It is a Virtual Platform, publicly accessible, link is in the the PID IG Site.

Engaging with the PID community

What can FREYA do for the PID IG? FREYA needs feedback on FREYA deliverables, gives feedback on implementation of RDA recommendations.

Mentimeter

<http://menti.com>

Code: 407288

Other things

- PID Forum at the RDA IG PID
- Become FREYA Ambassador
- Visit site
- Follow YouTube Project FREYA Channel.

## Discussion

Feedback on Workshop at Singapore, 2 months ago

Andrew Treloar - Data Lifecycle Framework. How do you connect together different elements of the Data Lifecycle?

CrossRef, DataCite, ISNI, ORCID. We are making Research Activity Identifier, new project in Australia.

How do you articulate the venue of persistent identifiers to funders of research infrastructure? Need a common story from PID services to the funders so that it resonates with them.

Andrew Treloar: I would like it if the PID IG would talk more about relationships between resources and less about PIDs, as the value is in the knowledge graph and PIDs are a way of building the connections.

ORCID is greatly expanding its scope from researcher PIDs to other information about them and their projects, i.e. more relationships

Collections with PIDs? Andrew: Yes, it makes sense, and we are building an Australian local graph or researchers, datasets, publications and **collections** of such resources.

How would ORCID deal with domain-specific characteristics in what concerns measuring the performance of researchers? Tom answers: ORCID is not intended as a provider of metadata. There are many types of identifiers, used in a huge graph, ORCID is good at identifying researchers, tries to focus on that.

Proposal for people to visit World Data System session on Wednesday, covering sustainability of these PID trusted platforms.

Martin Fenner, DataCite - Should not be building huge graph but distributed alternative.

Alfred P. Sloan GLEIF system for globally identifying legal entities in research contexts. A legal entity has a specific meaning that is present in all countries.

Which metadata should be associated to a PID? "Creating PID infrastructure is easy when compared to maintaining its associated metadata record"