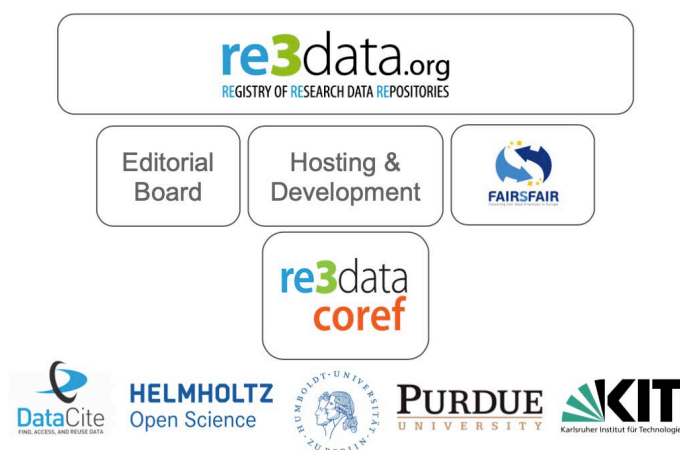


FACTSHEET

based on the re3data COREF presentation at PIDapalooza 2021:
PIDs for research (data) repositories

<http://doi.org/10.5281/zenodo.4560170>

RE3DATA SERVICE



RE3DATA COREF PROJECT GOALS

Community Driven Open Reference
for Research Data Repositories

- Provide **customizable and extendable core repository descriptions** that are persistently identifiable.
- Update and expand the **metadata schema**.
- Develop further options for **automated data exchange** between re3data and other services.
- Build **new widgets** that take recent requirements of stakeholders using the re3data metadata and API into account.
- Provide more functions for **monitoring and recommendation**, for example of FAIR-enabling repositories.
- All the above activities will be carried out according to a **new service model** for re3data.

WE ASKED THE PIDAPALOOZA COMMUNITY...

**PIDs for research (data) repositories:
Potential Use Cases (N=28)**

A repository PID could...

1. ...**allow the identification of repositories across different repository registries** and would therefore aid researchers, infrastructure and open science services. (67.9%)
2. ...be useful in dataset citations, especially for monitoring of usage and dissemination. (14.3%)
3. ...be useful to avoid being dependent on verified repository names or unstable URLs. (10.7%)
4. ...provide standardized metadata about repositories that is helpful in formatting references. (3.6%)
5. Other (3.6%)

PID = A UNIQUE UNIVERSAL PERSISTENT IDENTIFIER

- ❖ **"Identifier"**
= a string of digits referring to an object (digital, physical or abstract)
- ❖ **"Unique"**
= refers to one object only
- ❖ **"Universal"**
= is valid for the whole known universe (or world wide web)
- ❖ **"Persistent"**
= remains available independent of individual institutions, systems or implementations

WE ASKED THE PIDPALOOZA COMMUNITY...

A repository PID should refer... (N=30)

1. ...to a landing page with metadata. (73.3%)
2. ...directly to the repository website. (23.3%)
3. Other (3.3%)

Should a new PID system for repositories be introduced? (N=25)

1. No, an existing PID system should be used. (84.0%)
2. Yes, we need a new PID to uniquely identify repositories. (8.0%)
3. Other (8.0%)

What types of repositories should be covered by a repository PID system? (N=26)

1. The system should cover both repositories for research data and text-based publications. (80.8%)
2. Get PIDs for research data repositories. (15.4%)
3. Other (3.8%)

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MORE INFORMATION

- Slides: <https://doi.org/10.5281/zenodo.4463319>
- Recording: <https://youtu.be/f1GWXZsU8Hc>
- Online: <https://www.re3data.org>
- Contact: info@re3data.org
- Twitter: [@re3data](https://twitter.com/re3data)

re3data.org
REGISTRY OF RESEARCH DATA REPOSITORIES

FURTHER TAKE-AWAYS FROM THE DISCUSSION

PIDs for research (data) repositories: What are further use cases?

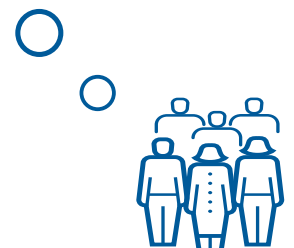
- "Allow mapping between different repository registries"
- "Creating PIDGraphs of research outputs"

Existing PID systems potentially suitable for repositories?

- "ROR, for example with a dedicated 'Repository Flag'"
- "DOIs associated with core metadata"

Repository PID: reference to landing page vs. repository website?

- "Repositories should expose basic metadata about themselves. The Repository PID should link to the landing page presenting that metadata."
- "Vary based on requested 'Content-Type' -application/json (or similar) versus text/html"



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