Comment

Reviewer

1. Can you name examples of components?

2. Do you have any comments or questions regarding implementation or interpretation of the described component in your own context?

Questions & Comments

Examples

PID Scheme

This is probably always a set of documents, e.g. for Datacite DOI: Datacite Metadata Schema, Contracts with PID Service Providers, DOI Syntax specification, ...

A set of rules and standards defining the nature of a PID. This would include a set of lexical formatting rules for PIDs within a namespace. It could also define for example: associated PID Type; definition of associated metadata; quality assurance conditions; usage rights, terms and conditions, and algorithmic methods for generating PID names and enforcing PID properties.

PID Service

Basic services are those that create, manage and resolve PIDs and their associated kernel information which conforms to a PID Scheme. Advanced, value-added services may also be provided, for example attribute search or metrics.

Examples

e.g. zenodo.org

institutional data repos

Services offered directly by PID Providers, e.g. ROR, ORCID

JB Jeannine Beeken
22 Nov 2022 at 13:29
A useful registry of PID services is at https://pidservices.org/

Questions & Comments

Would we include any service consuming PIDs here? This would include search engines, electonic lab notebooks etc.

PID Infrastructure

A PID Infrastructure within the EOSC has several defined roles which actors can undertake. Each role is responsible for a particular component within the PID Infrastructure, with particular commitments to maintaining the integrity of that PID Infrastructure. In a particular scenario, one actor can play more than one role, or undertake some limited actions associated with multiple roles, but it is useful to separate them to add clarity.
A PID Infrastructure may also be formed of several components, either services, rules or standards, that enable the Infrastructure to operate according to the policies and expectations of its target communities
via Conceptboard

Examples

Questions & Comments

SG Steinung Gundersen
22 Nov 2022 at 13:24 (edited)
Seems a complex undertaking for smaller domain-centric repositories etc, often created and maintained