Questions

1. Can you name examples of actors with the named roles?

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

PID Authority

Questions & Comments

Compliance is to be ensured by contracts. But can it be enforced?

I don't fully understand the distinction between "PID Authority", "PID Service Provider" and "PID Owner" There seems to be a lot of overlap.

The roles differ a lot by PID system. This makes giving examples difficult.

Examples

for ROR, California Digital Library, Crossref, and DataCite

Internet Archive (purl)

https://wiki.surfnet.nl/display/standar...

A controller responsible for maintaining the rules for defining the integrity of PIDs within a PID Scheme. These rules may include setting standards for lexical formats, algorithms and protocols to ensure global uniqueness, together with setting quality of service conditions to enforce compliance to the rules. PID Authorities may be organisations (e.g. DOI.org), which enforce control over a PID infrastructure. But there may also be Authorities which do not have a central control (for example Software Heritage persistent identifiers and W3C's Decentralised Identifiers), but provide a community standardisation mechanism that specifies the conformance of PIDs to a PID Scheme.

PID Service Provider

An organisation which provides PID services in conformance to a PID Scheme, subject to its PID Authority. PID Service Providers have responsibility for the provision, integrity, reliability and scalability of PID Services, in particular the issuing and resolution of PIDs, but also lookup and search services, and interoperability with a generic resolution system.

Examples

https://www.gwdg.de/ (epics, handles, PID-profile mgmt in CORDRA (https://www.cordra.org/)

Questions & Comments

DeiC in DK offers PID Service primarily to universities

PID Manager

The Dataverse system maintains the integrity between an entity and a PID (DOI) but here the PID manager is software.

Following this, reasoning Ronald can also be considered as a PID manager

PID Managers have responsibilities to maintain the integrity of the relationship between entities and their PIDs, in conformance to a PID Scheme defined by a PID Authority. A PID Manager will typically subscribe to PID services to offer functionality to PID Owners within the PID Manager's services. One example is a Service Provider which uses PID Services as part of its own service delivery. For example, PID Managers may include a provider of a data repository, a data catalogue, or a research workflow system.

Questions & Comments

Examples

(MG) our organisation (DANS, NL) provides a data repository and feels very responsible for making sure that the PID keeps resolving to something meaningful (to say the least)

PID Owner

An actor (an organisation or individual) who has the authority to create a PID, assign PID to an entity, provide and maintain accurate Kernel Information for the PID.

A new PID Owner must be identified and these responsibilities assumed, if the current PID Owner is no longer able to carry them out.

Examples

e.g. Bielefeld University pub.uni-bielefeld.de

zenodo.org

Questions & Comments

End User

The end user of PID Services, for example researchers, or software, or services produced to support researchers.

Examples

(MG) researchers indeed, but also harvesters/metadata aggregators, both nationally and e.g. the OpenAIRE harvester

Richard Dennis
identifiers.org (ELIXIR)
The Identifiers.org Central Registry service provides a centralized directory of Compact Identifiers. This website allows performing searches on the registry by using the search bar on the right side or the Registry Browser. Resource maintainers can also find the Prefix Registration Request form to request a prefix in Identifiers.org for their databases or services.

Richard Dennis
NNF - reNEW (University of Copenhagen): Our researchers publish data in EMDL-EBI Data Repository

Sneharup Bontemart
FAIRtracks metadata schema: makes use of DOIs and Identifier.org resolvable CURIEs to different repos

Questions & Comments

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