PID-based Decision Making

How can I find relevant resources based on their PIDs?

How can I assign contextual information to PIDs?

How can I enable tools to recognize the information referenced by a PID?

Findable

Accessible

Interoperable

Reusable

PIDs are unique and persistent identifiers for all kinds of digital objects. PID Services can resolve PIDs and return information assigned to them. Some of them might be generic, like publishing date and license, but they may also contain advanced contextual information, like the type and associated PIDs. All this information and their obligation can be defined in a **PID Information Profile**, stored as data type in a Data Type Registry.

To create or update a PID for your data set, you can use **PID Information Types (PIT) services**. They will also ensure the record is valid according to a selected profile.

This information enables, for example, the creation of search indices and decision-making of tools, e.g. whether they can process a resource or not.

FAIR Data Commons Service(s)

- Data Type Registry (DTR)
- PID Information Types (PIT) Service

More Information

https://github.com/kit-data-manager/pit-service