



## Persistent Identifier Type Registry

### The Challenge:

Defining standard core PID information types to enable simplified verification of data identity and integrity

### What is the solution?

The PID Information Types Working Group identified the essential types of information associated with persistent identifiers, defined and registered a number of core persistent identifiers (PIDs) information types. The working group developed a conceptual model for structuring the typed information, an application programming interface to access to typed information and a demonstrator implementing the interface.



Produced by: **PID Information Types (PIT) WG**

<https://rd-alliance.org/groups/pid-information-types-wg.html>

## What is the impact?

In complex data domains, unique and persistent identifiers (PIDs) are at the core of proper data management and access, providing a unified access method to all PID service users and the automatic processes to deal with heterogeneous data allowing them to fully exploit the huge amount of data available. Registered PID Information Types are one of the fundamental building blocks to enable semantic interoperability of data.

Developers are able use a simple API to deal with PID related information, such as checksum verification, to assess data identity and integrity, thus enabling software development to become more efficient.



Find out more about the PIT  
WG Recommendation

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