HELMHOLTZ METADATA COLLABORATION

Data Type Registry

How can I describe my resources in a machine-readable way?

How can I enable maschines to identify equal resources?

How can I express points of contact with unfamiliar resources?

Findable

Accessible

Interoperable

Reusable

For research data there exists a multitude of data formats and data structures prescribed by established workflows and utilized tools. Due to this close relationship scientists work in a natural way with these formats and structures, but it's hard to identify them without having a specific context which can't be established by machines.
The **Data Type Registry** allows to define and to describe data types in an arbitrary granularity and to assign persistent identifiers to these types allowing to resolve them in an unambiguous way. Associating data types with resources e.g. allows to find similar resources easily and to open up new sources of research data which were unseen before.
FAIR Data Commons offers a set of services and tools supporting the scientist in defining data types, for storing, assigning and validating them and for building up search indices allowing to query for resources by data type.

FAIR Data Commons Service(s)

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

More Information

https://doi.org/10.15497/A5BCD108-ECC4-41BE-91A7-20112FF77458

http://dtr-test.pidconsortium.eu/#urls/intro.html