



Data Type Model & Registry

The Challenge:

Ensuring data producers classify their data sets in standard data types, allowing data users to automatically identify instruments to process and visualise the data

What is the solution?

The Data Type Registries Working Group established open Data Type Registries (DTRs) as public repositories where developers and researchers can add their data types and references to tools that can operate on them. Datasets are associated to data types defined in DTRs, thus enabling researchers to access and visualise data regardless of its specific type, facilitating sharing and re-use.



Produced by: **Data Type Registries (DTR) WG**

[www.rd-alliance.org/groups/
data-type-registries-wg.html](http://www.rd-alliance.org/groups/data-type-registries-wg.html)

What is the impact?

Researchers are able to process and/or visualize the data types registered in the DTRs without any prior knowledge of the data types. This increases efficiency in time and the level of cross-domain data interoperability and re-use.

Machines will be able to automatically process the data types registered in the DTRs. Machine readable DTRs pave the way to automatic processing in the data domain, which is becoming increasingly complex, without putting an additional load on the researchers.



Find out more about the DTR
WG Recommendation

September 2020