



## Basic Vocabulary of Foundational Terminology Query Tool

### The Challenge:

Ensuring researchers apply a common core data model when organising their data and thus making data accessible and re-usable.

### What is the solution?

Based on 21 data models presented by experts coming from different disciplines and 120 interviews and interactions with different scientists and scientific departments, the Data Foundation & Terminology Working Group has produced 5 inter-related reports and extracted a common core model for the proper organisation of data. Based on this common conceptualization a number of core terms were defined and registered to also help harmonisation of terminology.



Produced by: **Data Foundation and Terminology (DFT) WG**

[www.rd-alliance.org/groups/  
data-foundation-and-terminology-wg.html](http://www.rd-alliance.org/groups/data-foundation-and-terminology-wg.html)

## What is the impact?

Researchers from different disciplines will be able to more easily implement proper and FAIR compliant data organisations for example in repositories and also interact more easily with each other and come to a common understanding more rapidly, through increased cross disciplinary data exchange & interoperability. Developers will be able to design interoperable data management and processing software systems allowing data to be exchanged and integrated easily in particular in a cross-disciplinary setting. It will be easier to specify standard APIs to request useful information related to a specific Digital Object, thus accelerating the development time & enabling extensive data & software re-use.

Find out more about the DFT  
WG Recommendation



July 2019