

An Infrastructure for Harmonizing Semantics and Structures in Research Data

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One of the main enablers for Interoperability and Reproducibility of scientific research data could be the documentation and harmonization of semantics and data structures. We are developing a concept and prototype for an infrastructure and an end-user graph data editor that support these tasks.

Users of the editor will be able to enter their data and metadata in a graph while getting suggestions on existing semantics and structures. If necessary, they can also document their own semantics. The infrastructure provides a platform for publishing and subsequently harmonizing user-made semantics on both a local scale (e.g. within a project) and at a global scale (e.g. within the community of a scientific domain).

We are looking forward to define interfaces to HeliPort.

Type

Talk

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