Recommendation S1.0

Recommendation to enrich data with rich metadata

Description

Status: Under development, Date: 2025/07/08 10:18, Version: 001

Motivation for this Recommendation:

As data can only be embedded in semantic frameworks when it is described with rich metadata, the first step toward a standardized approach for implementing semantic resources is for the community to agree on a minimal set of metadata that should be provided by data producers and required by data infrastructures. Only standardized metadata categories and common structures enable annotation with identifiable terms from recognized controlled vocabularies, which allows machines to interpret and connect data across disciplinary and institutional boundaries.

Recommendation

[shortened from below]

[Format: Wer! macht was! wo! wann! unter welchen Voraussetzungen!]

Binding Convention:

	mandatory	conditional	optional
Helmholtz FAIR Principle			

Precondition for Implementation:

Related Recommendations

Parent:

Dependent:

Other: none

Contributors

Names of contributors to this recommendation

Content

1. Explanation of the Background and Benefits of the Recommendation

About

History and structure

Current Use of …

Motivation

2. Possible alternative solutions

3. Consideration of the advantages and disadvantages of implementing the recommendation

(quality of content, limitations, interoperability, sustainability: expected future dissemination / technical availability / funding)

4. The Recommendation

5. Naming of communities that have already implemented the recommendation

6. Documentation of the test to validate correct implementation

7. Examples of Instances

8. Further Information

References

Relevant Community Recommendations

9. History of this document