

# FAIR Coffee 14/01/2022

## Evaluating FAIRness

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The FAIR (Findable, Accessible, Interoperable, Reusable) Guiding Principles light a path towards improving the discovery and reuse of digital objects (data, documents, software, web services, etc) by machines. Machine reusability is a crucial strategic component in building robust digital infrastructure that strengthens scholarship and opens new pathways for innovation on a truly global scale. However, as the FAIR principles do not specify any particular implementation, communities have the homework to devise, standardize and implement technical specifications to improve the 'FAIRness' of digital assets. In this seminar, I will focus on the history and state of the art in the FAIRness assessment, including manual, semi-automated and fully automated approaches, and how these can be used by developers and consumers alike. This seminar will serve as a springboard for community discussion and adoption of these services to incrementally and realistically improve the FAIRness of their resources.