# to be FAIR:
# COAR Controlled Vocabularies

**Semantic Interoperability across Repositories**

Confederation of Open Access Repositories

## FAIRness

FAIR (Findable, Accessible, Interoperable and Reusable) Principles are recommended for good data stewardship. Interoperability requires the use of standard vocabularies.

The controlled vocabularies empower repository infrastructures in their machine readability, discoverability and ensure consistency of metadata. They offer a uniform standard terminology for describing content, and assist with resource discovery, sharing and reuse of metadata and content, as well as integration between different systems. This helps systems to inter-operate and become compliant with the open science principles.

COAR Controlled Vocabularies are encouraged in international and national guidelines such as:

- OpenAIRE Literature Repository Guidelines
- OpenAIRE CRIS-CERIF Guidelines
- LA Referencia Guidelines
- DINI Certificate for repositories in Germany

The COAR Vocabularies are integrated and referenced in value added services like:

- the Phaidra Classification Server of University of Vienna in Austria
- Research Vocabularies Australia operated by the Australian National Data Service (ANDS).



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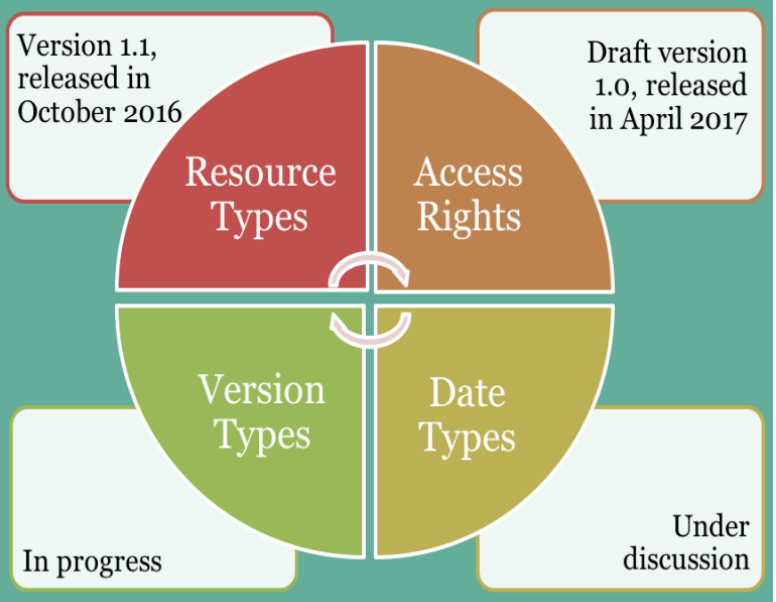
## COAR Working Group

COAR Working Group "Controlled Vocabularies for Repository Assets" develops a set of controlled vocabularies for the bibliographic metadata elements to offer a uniform standard terminology for describing content. COAR Controlled Vocabularies;

- are multilingual
- extend info: eu-repo vocabulary
- are organised hierarchically
- map with other standard vocabularies
- have permanent identifiers (URIs)
- are published under CC BY 4.0




**http://bit.ly/coar_vocabularies**

## Join us

- to implement COAR vocabularies in your local repository
- on the Editorial Board to expand the number of languages
- and share your feedback to improve the vocabularies