

Update on the COAR Resource Types Vocabulary

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COAR Vocabularies Working Group

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A dedicated section in COAR website

Metadata and Vocabularies

The potential to create a unified body of scholarly materials relies on interoperability – specifically, that repositories follow consistent guidelines, protocols, and standards that allow them to communicate with each other and with other systems in order to transfer information, metadata, and digital objects. COAR is working with the repository community to improve the quality and comprehensiveness of metadata in repositories.

Metadata

Below are the metadata requirements for a number of use stories developed by the COAR Metadata Working Group. In addition, the Working Group will be developing and publishing a number of strategies – such as shared curation models and automated metadata enhancement – that can be used to help repositories improve their metadata quality and comprehensiveness

User stories and related metadata requirements

+ [Discovery of content](#)

+ [Reuse of resources](#)

+ [Research assessment](#)

Links and Resources

[Metadata Roadmap](#)

[Feedback Form](#)

[COVID-19 Recommendations](#)

- [Metadata and Vocabularies – COAR \(coar-repositories.org\)](https://coar-repositories.org)

And new vocabularies editorial and publishing systems

COAR Controlled Vocabularies for Repositories

Home Resource Types Access Rights Version Types About [Give Feedback](#)

Documentation for vocabularies developed and managed by COAR.

Resource Types

The Resource Type vocabulary defines concepts to identify the genre of a resource. Such resources, like publications, research data, audio and video objects, are typically deposited in institutional and thematic repositories or published in e-journals. This vocabulary supports a hierarchical model that relates narrower and broader concepts. Multilingual labels regard regional distinctions in language and term. Concepts of this vocabulary are mapped with terms and concepts of similar vocabularies and dictionaries.

Access Rights

The Access Rights vocabulary defines concepts to declare the access status of a resource. Multilingual labels regard regional distinctions in language and term.

Version Types

The Version Type vocabulary defines concepts to declare the version of a resource. Multilingual labels regard regional distinctions in language and term. The concepts are adopted from the [Journal Article Versions \(JAV\): Recommendations of the NISO/ALPSP JAV Technical Working Group](#)

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Deployed with Hugo v. 0.88.1 on Mon, 20 Sep 2021 13:52:10 UTC

Multilinguality as a strong asset in the vocabularies!

Resource types vocab: 15 languages

Access rights vocab: 13 languages

Version types vocab: 10 languages.

Would you like to contribute yours? office@coar-repositories.org

Technical support

University of Vienna Library

(iQVoc) and Antleaf

(publication pipeline)

FAIR Vocabularies

Good practices

- Determine the governance arrangements and custodian responsible for the vocabulary
- Assign unique identifier to (a) the vocabulary and (b) each term in the vocabulary
- Make the vocabulary accessible for humans and machines
- Add vocabulary metadata

The screenshot shows the COAR Controlled Vocabularies for Repositories website. The main heading is 'COAR Controlled Vocabularies for Repositories'. Below it is a navigation bar with links for Home, Resource Types, Access Rights, Version Types, About, and a Give Feedback button. The current page is 'Resource Types 3.0', which is highlighted as the latest version. The page is divided into several sections: Concepts (a list of categories like cartographic material, dataset, design, image, etc.), Description (a paragraph explaining the vocabulary's purpose), Released (2021-07-19), Namespace URI (http://purl.org/coar/resource_type/), Vocabulary PID (https://vocabularies.coar-repositories.org/resource_types/), Versions (3.0 (latest version), 2.0, 1.1), and Other views (Single page for printing, RDF, DSpace Vocab file).

[Controlled Vocabularies for Repositories: Resource Types \(coar-repositories.org\)](https://vocabularies.coar-repositories.org/)

New version of Resource Types Vocabulary

Released in July 2021

**30 new concepts (93
in total)**

**13 new subconcepts under
“dataset”:**

aggregated data, clinical trial data, compiled data, encoded data, experimental data, genomic data, geospatial data, laboratory notebook, measurement and test data, observational data, recorded data, simulation data and survey data

6 new subconcepts under “patent”:

PCT application, design patent, plant patent, plant variety protection, software patent and utility model

**2 new subconcepts under
“design”:**

*industrial design
layout design*

Other new concepts/sub-concepts:

source code, conference presentation, other periodical, research protocol, peer review, commentary, transcription and trademark

Removed concepts:

interview, report part, contribution to journal, internal report, other type of report, report to funding agency and periodical. These concepts remain in the earlier versions of the vocabulary, and the PURL URIs continue to resolve.

Structure of the vocabularies: a refresh

COAR Controlled Vocabularies for Repositories

Home Resource Types Access Rights Version Types About [Give Feedback](#)

Resource Types: data management plan

Definition
A formal statement describing how research data will be managed and documented throughout a research project and the terms regarding the subsequent deposit of the data with a data repository for long-term management and preservation. [Source: <https://casrai.org/rdm-glossary>]

URI
http://purl.org/coar/resource_type/c_ab20

Preferred Labels

- Datenmanagementplan (Deutsch)
- data management plan (English)
- data management plan (Nederlands)
- datanhallintasuunnitelma (Suomi)
- načrt ravnanja s podatki (Slovenščina)
- piano di gestione dei dati (Italiano)
- pla de gestió de dades (Català)
- plan de gestion de données (Français)
- plan de gestión de datos (Español)
- план управления данными (Русский)
- データ管理計画 (日本語)

Alternate Labels

- načrt upravljanja s podatki (Slovenščina)
- pla d'administració de dades (Català)

Broader Concepts

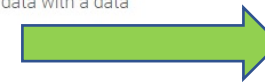
- [report](#)

Related terms (external)
Exact Match: <http://purl.org/spar/fabio/DataManagementPlan>

PURL for each concept



Definition of the concept in English and source



One preferred label of the concept in every language and optional alternate labels



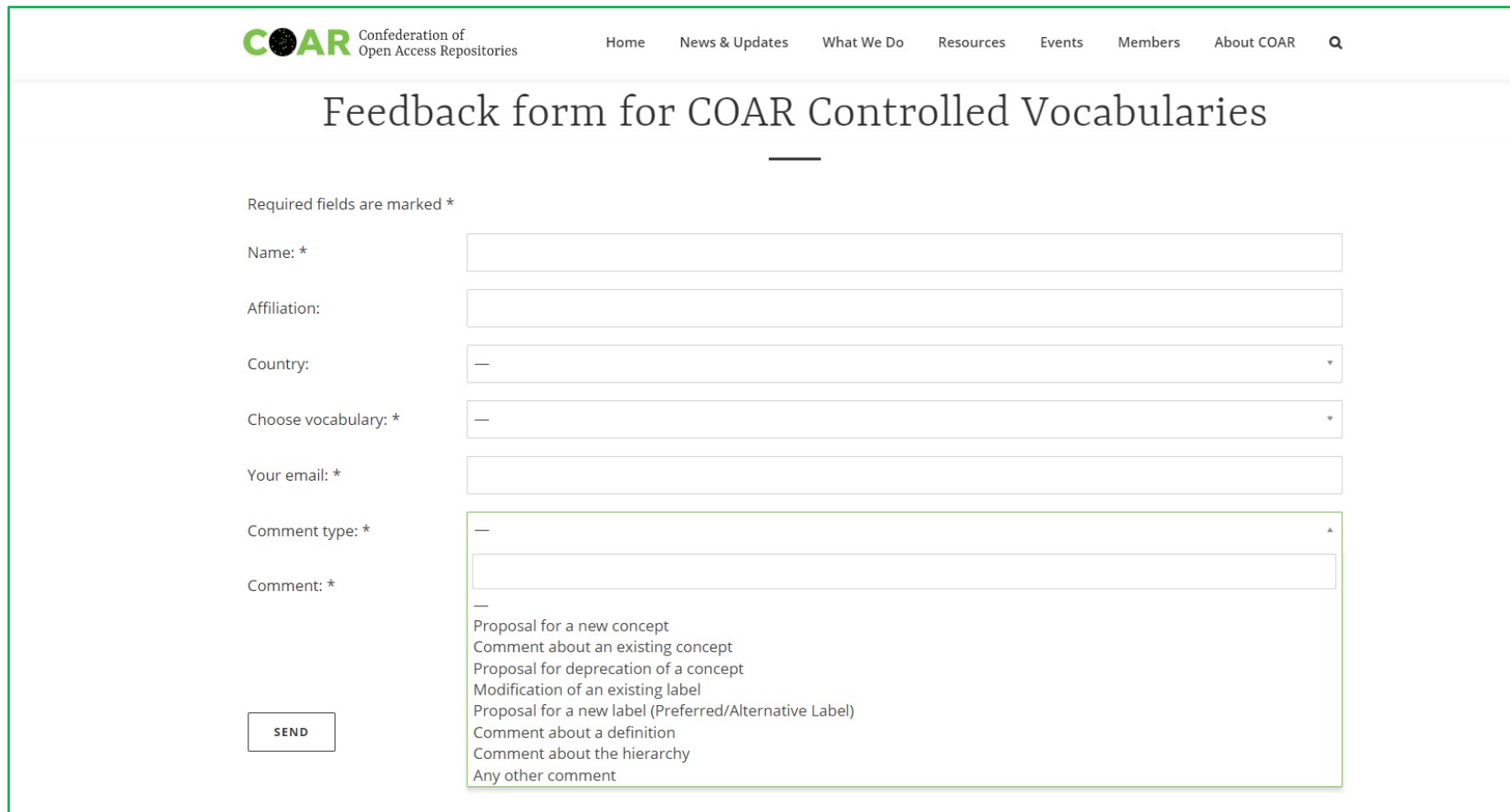
Broader concept *within* the vocabulary



Related terms in *other* classifications



Please send us your feedback, suggestions, requests, expression of interest...



The screenshot shows the COAR website header with the logo and navigation menu. The main heading is "Feedback form for COAR Controlled Vocabularies". Below the heading is a "Required fields are marked *" notice. The form contains several input fields: "Name: *" (text), "Affiliation:" (text), "Country:" (dropdown), "Choose vocabulary: *" (dropdown), "Your email: *" (text), "Comment type: *" (dropdown), and "Comment: *" (text area). A "SEND" button is located to the left of the comment field. The comment type dropdown is currently open, showing a list of options: "Proposal for a new concept", "Comment about an existing concept", "Proposal for deprecation of a concept", "Modification of an existing label", "Proposal for a new label (Preferred/Alternative Label)", "Comment about a definition", "Comment about the hierarchy", and "Any other comment".

COAR Confederation of Open Access Repositories

Home News & Updates What We Do Resources Events Members About COAR

Feedback form for COAR Controlled Vocabularies

Required fields are marked *

Name: *

Affiliation:

Country:

Choose vocabulary: *

Your email: *

Comment type: *

Comment: *

- Proposal for a new concept
- Comment about an existing concept
- Proposal for deprecation of a concept
- Modification of an existing label
- Proposal for a new label (Preferred/Alternative Label)
- Comment about a definition
- Comment about the hierarchy
- Any other comment

[Feedback form for COAR Controlled Vocabularies – COAR \(coar-repositories.org\)](https://coar-repositories.org)

How to implement the vocabularies

Vocabularies
Implementation Guide

Introduction

COAR Controlled Vocabularies

Mapping vocabularies

Implementation in DSpace
and DSpace-CRIS

Implementation in Samvera
(including Hyrax)

Implementation in Eprints

Implementation in Haplo

Implementation in Open
Journal Systems

Repositories which have
implemented COAR
Controlled Vocabularies

Vocabularies Implementation Guide

Introduction

The use of controlled vocabularies for bibliographic metadata "ensures that everyone is using the same word to mean the same thing". The continuous review update and maintenance of the COAR Controlled Vocabularies and their adoption by the most commonly used open repository software is a way to enhance the interoperability across repositories and with other related systems such as harvesters, CRIS systems, data repositories and publishers.

COAR Controlled Vocabularies

COAR actively works towards the alignment of repository networks and other systems via technical and semantic interoperability, as well as common approaches to policy and services. In 2014, COAR established the Interest Group "Controlled Vocabularies for Repository Assets" to develop a set of controlled vocabularies for the bibliographic metadata elements used in records describing research outputs.

The [COAR Controlled Vocabularies](#) are governed and maintained by the Editorial Board. In order to define the controlled vocabularies, the Editorial Board analyses existing vocabularies and dictionaries and will use the most appropriate existing terms whenever possible. In the case where there are gaps, new terms are defined by the group.

The COAR Controlled Vocabularies are described in SKOS. In SKOS, concepts are identified using URIs, labels to the concepts are uniquely offered in multiple languages, notes allow for description, as well as different annotations and concepts from other vocabularies can be linked. Workflow and web-based editorial processes used to be managed on VocBench until June 2019.

The URL prefix <http://purl.org/coar> is reserved as the namespace for the concepts of the COAR Controlled Vocabularies. [FAQs](#) for COAR Controlled Vocabularies are available.

Resource type vocabulary

Implementation details in repository platforms (**DSpace, DSPACE-CRIS, Samvera, Eprints, Haplo**) and Open Journal Systems (**OJS**)

If you would like to contribute to the guide for a new repository platform or add your repository to the list of use cases, please create an issue on [Github](#) or [email](#) us.

Work ahead: a sneak preview



More support

- New FAQs COMING SOON
- Sections: vocabs management, releases frequency and participation, good practices using the vocabs, resources of interest, collaboration with like minded initiatives



More interoperability

- Complete the resource types vocabulary with links to matches in other vocabularies and dictionaries
- Right now, related external terms come from DCMI, FABIO, BIBO, Eprint..



More uptake

- COAR Vocabularies in registries, vocabulary services...: LOV, BARTOC, Fairsharing...
- Translations of definitions of concepts. [Guía para la evaluación de repositorios institucionales de Investigación | FECYT](#). Translations of new concepts in v3 by Costa Rica community coming soon
- Case studies on usage

THANKS!

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