

Controlled Vocabulary Workshop

Ca' Foscari University
Venice, 8 May 2017



Agenda

First part of the workshop (14:00-15:00)

Introduction and work to date

Prototype implementation of the COAR Resource Type vocabulary in DSpace

COAR Resource Type Vocabulary in the Classification Server of the University of Vienna

Second part of the workshop (15:30-17:00)

Work to implement the COAR Vocabularies into existing guidelines: OpenAIRE-Literature Repositories and OpenAIRE-CRIS

Adopting the vocabularies in national and regional repositories networks: Japan, Portugal, Latin America

Resource Type 2.0: Public Input & Discussion

Next steps for COAR Controlled Vocabularies

Closure

Introduction and work to date
Isabel Bernal, DIGITAL.CSIC, CSIC

COAR AGENDA

Webinar and
Discussion Series,
Support & Training

Advocacy &
leadership

Repository Content

Repository Interoperability

1. COAR Vocabularies
2. Open Metrics
3. COAR Interoperability
Project



Controlled Vocabularies Working Group

COAR
Confederation of Open Access Repositories

Towards a global knowledge commons

Log In Search

Activities Community News & Publications About

Home » Activities » Repository Interoperability » COAR Vocabularies

Advocacy & Leadership +

Repository Interoperability -

COAR Vocabularies -

FAQs for Controlled Vocabularies

Resource Type Vocabulary

Related Resources

About the Editorial Board

Open Metrics +

COAR Interoperability Project +

Other vocabularies and related resources +

Support & Training +

COAR Webinar and Discussion Series +

COAR Vocabularies

Introduction

The use of controlled vocabularies for bibliographic metadata “ensures that everyone is using the same word to mean the same thing”. The continuous revision, update and maintenance of the COAR Controlled Vocabularies and its 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.

The mission of the COAR is to facilitate greater visibility and use of research outputs through a global network of open access repositories. To that end, 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” with the objective of developing a set of controlled vocabularies for the bibliographic metadata elements used in records describing research outputs. Controlled vocabularies, if applied consistently, 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.

Building the COAR Controlled Vocabularies

In order to define the controlled vocabularies, the [Editorial Board](#) analyzes 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 governed and maintained by the [Editorial Board](#).

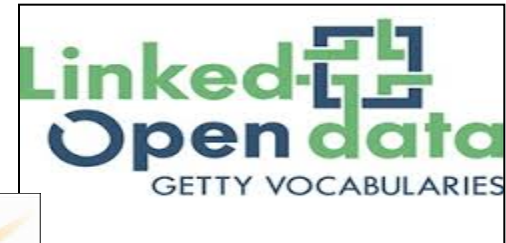
The *COAR Controlled Vocabularies* have multilingual support. The Editorial Board translates labels into numerous other languages.

The current priorities and timelines for the *COAR Controlled Vocabularies* are:

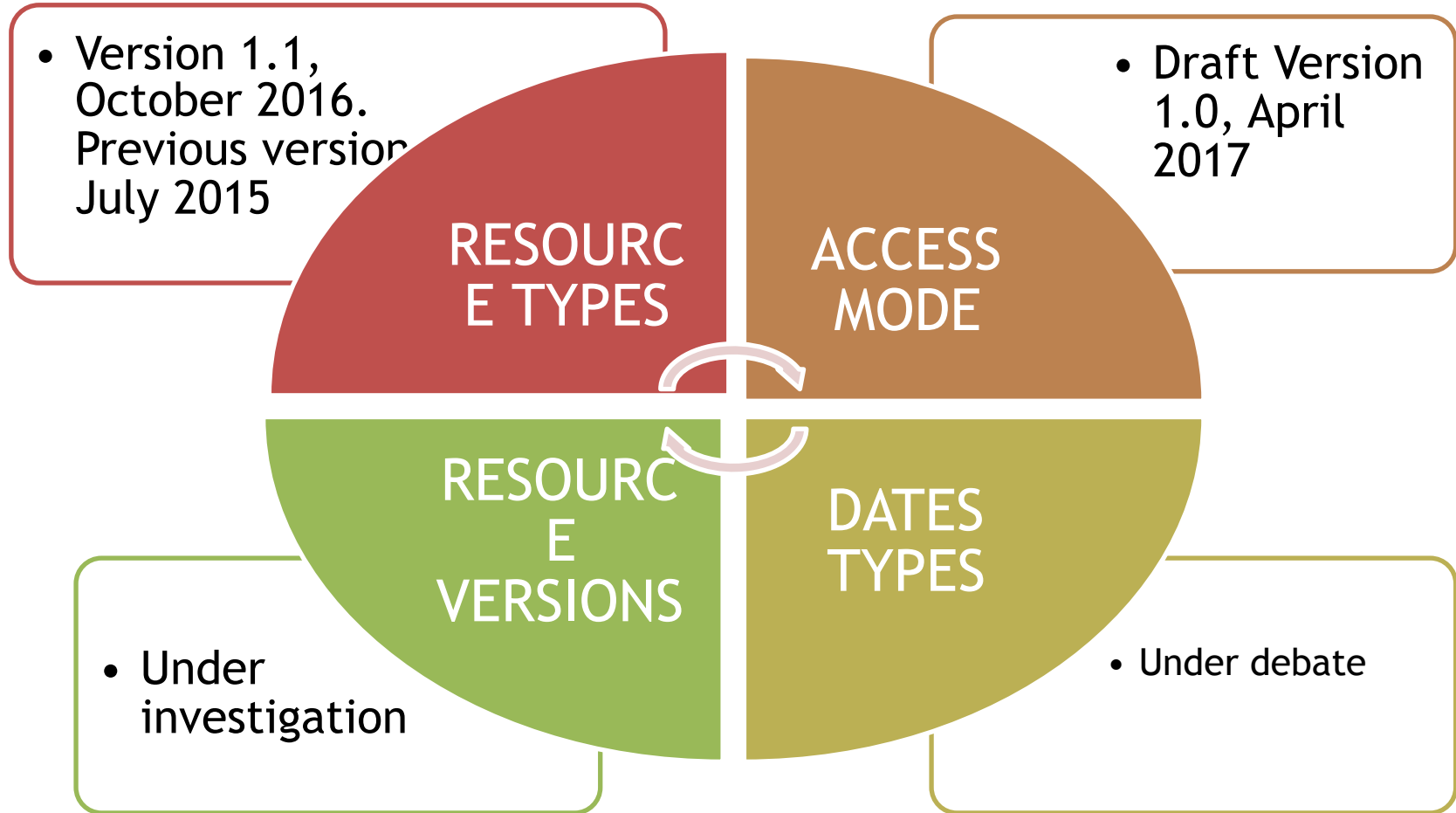
- Interest Group created in 2014 with representatives of COAR member institutions and external experts
- Editorial Board monitors trends, creates and maintains COAR vocabularies and promotes good practices. Its members cover many languages (and growing!): English, German, Czech, Chinese, Spanish, French, Dutch, Italian, Catalan, Portuguese, Japanese, Russian, Turkish
- **Goals: Spread benefits of controlled vocabularies; foster usage as they help in searching and enhance interoperability on the web**

More interoperability on the web

- Rapid growth of controlled vocabularies, particularly in the semantic web landscape.
- They are often discipline-based, focus on specific aspects of Open Access/ Open Data contents, or enrich the description of resources by looking into information like funders, projects and research institutions
- The group promotes usage of widely known international standards and avoids reinventing the wheel



WHERE ARE WE NOW?



Linkage between info:eu-repo and COAR vocabularies

- **Since 2008 info:eu-repo** has been part of DRIVER (and later on, OpenAire) guidelines in order to harmonize metadata usage across repositories
- **Wide adoption internationally** (by DSPACE, Eprints repositories) and OJS-based journals
- However, **info eu initiative lacks sustainable institutional support and a truly global management team >>>> COAR Working Group** emerged, in part, to fill the gap and secure its maintenance

INFO:EU-REPO VOCABULARIES

Publication Types

Access Rights

Versions

Grant agreement identifiers

Resource Identifier schemes

Data types and value

Author Identifier

Classification schemes

Object types

COAR VOCABULARIES

Resource Types

Access mode

Version Types

Date Types

COAR Resource Types Vocabulary: Current Version

A bit about methodology

Some vocabularies mapped



FRBR-aligned Bibliographic Ontology (fabio)



Eprints Type Vocabulary Encoding Scheme

DCMI Type Vocabulary

- **Multilinguality** and support for regional differences
- **Revision of existing vocabularies and terms from info:eu-repo**
- **Matching with other vocabularies and dictionaries** referring to the same or similar thing
- **Statistical analysis** of terms used in repository metadata (using BASE aggregator)
- **Use of VocBench**, a web-based, multilingual, collaborative development platform for managing OWL ontologies, SKOS(XL) thesauri and generic RDF datasets

Main features

Controlled Vocabulary for Resource Type Genres (Version 1.1)

title: Controlled Vocabulary for Resource Type Genres (Version 1.1)
description: The Resource Type vocabulary defines concepts to identify the genre of a resource. Such resources, like publications and broader concepts. Multilingual labels regard regional distinctions in language and term. Concepts of this vocabulary are part of the COAR Controlled Vocabularies Interest Group [http://purl.org/coar/igcv]
contributor: COAR Controlled Vocabularies Interest Group [http://purl.org/coar/igcv]
creator: Aubin, Sophie
creator: Azrilevich, Paola
creator: Bernal, Isabel
creator: Fava, Ilaria
creator: Holt, Ilkay
creator: Príncipe, Pedro
creator: Schirrwagen, Jochen
creator: Shiota, Tomoya
creator: Solodovnik, Iryna
creator: Steinhoff, Wilko
creator: Subirats, Imma
creator: Wang, Shenghui
created: 2016-10-03
license: CC BY 4.0

- -- interactive resource
 - -- website
- -- dataset
- -- image
 - -- moving image
 - -- video
 - -- still image
- -- other
- -- software
- -- workflow
- -- cartographic material
 - -- map
- -- sound
 - -- musical composition
- -- text
 - -- annotation
 - -- bibliography
 - -- book
 - -- book part
 - -- conference object
 - -- conference proceedings
 - -- conference paper
 - -- conference poster
 - -- conference paper not in proceedings
 - -- conference poster not in proceedings
 - -- lecture
 - -- letter
 - -- periodical
 - -- journal
 - -- contribution to journal
 - -- journal article
 - -- review article
 - -- research article
 - -- editorial
 - -- data paper
 - -- letter to the editor
 - -- patent
 - -- preprint
 - -- report
 - -- report part

- Currently available in 12 languages, contains more than 50 concepts and uses SKOS format
- Hierarchical structure: the concepts of the vocabulary are organized from a generic down to a granular level
- The vocabulary establishes relations between **broad and narrower terms** and also between **preferred and alternative terms**
- There are concepts in the vocabulary that are mapped with concepts/terms belonging in other like minded vocabularies
- Extends info:eu-repo vocabulary for publication types
- We are embarking on Version 2.0 soon, please [have your say!](#)

↑ -- conference paper --

URI	http://purl.org/coar/resource_type/c_5794
Definition (en)	A conference paper that is submitted to a conference and presented to the audience. The conference paper is published in proceedings.
Preferred label (en)	conference paper
Preferred label (zh)	会议论文
Preferred label (es)	comunicación de congreso
Preferred label (it)	comunicazione a congresso
Preferred label (ru)	статья для конференции
Preferred label (ca)	comunicació de congrés
Preferred label (pt)	comunicação em conferência
Preferred label (de)	Konferenzbeitrag
Preferred label (fr)	article dans une conférence
Preferred label (nl)	conferentie bijdrage
Preferred label (ja)	会議発表論文
Preferred label (tr)	konferans belgesi
Alternative label (en)	conference papers
Alternative label (en)	conferencePaper
Alternative label (es)	presentación de congreso
Alternative label (es)	comunicacion de congreso
Alternative label (es)	presentacion de congreso
Alternative label (ru)	доклад конференции
Alternative label (ru)	тезисы конференции
Alternative label (ru)	тезисы докладов
Alternative label (ru)	доклад для конференции
Alternative label (ru)	статьи конференции
Alternative label (zh)	會議論文
Alternative label (zh)	會議文章
Alternative label (zh)	会议文章
Alternative label (pt)	comunicação em congresso
Alternative label (pt)	artigo de conferência
Alternative label (pt)	artigo de congresso
Alternative label (pt)	apresentação em congresso
Alternative label (pt)	apresentação em conferência
Alternative label (fr)	article de conférence
Alternative label (pt)	comunicação
Alternative label (ru)	статья для научной конференции
Exact match	http://purl.org/eprint/type/ConferencePaper
Exact match	http://purl.org/info:eu-repo/#semantics/conferencePaper
Broad match	http://purl.org/dc/dcmitype/Event
Broad match	http://purl.org/ontology/bibo/Conference
Broader	conference proceedings

http://purl.org/coar/resource_type/c_5794
conference paper

← **Concept URI**

**Labels in
different
languages**

Definition
A conference paper that is submitted to a conference and presented to the audience. The conference paper is published in proceedings.

← **Definition**

Property	Value
rdf:type	skos:Concept
skos:inScheme	http://purl.org/coar/resource_type
skos:broader	http://purl.org/eprint/type/Conference
skos:exactMatch	http://purl.org/info:eu-repo/semantics/conferencePaper
skos:broadMatch	http://purl.org/dc/dcmitype/Event http://purl.org/ontology/bibo/Conference

← **Scheme**

← **Hierarchie
s and
mappings**

Property	Value
dcterms:modified	2016-09-05T12:11:20Z
skos:definition	http://purl.org/coar/resource_type/def_3380

prefLabel	altLabel	Lang
conference paper	conference papers	en
会议论文	會議論文 会议文章	zh
comunicación de congreso	presentación de congreso comunicación de congreso presentación de congreso	es
comunicazione a congresso		it
статья для конференции	доклад конференции тезисы конференции доклад для конференции статьи конференции статья для научной конференции	ru
comunicació de congrés		ca
comunicação em conferência	comunicação em congresso artigo de conferência artigo de congresso apresentação em congresso apresentação em conferência comunicação	pt
Konferenzbeitrag		de
article dans une conférence	article de conférence	fr
conferentie bijdrage		nl
會議發表論文		ja
konferans belgesi		tr

Concepts are the fundamental element in the vocabulary. When referring to concepts in repositories metadata scheme they must be accompanied by their respective URI.

It is up to the repository to include one or more labels associated with the concept and also to tag one resource with more than one concept



VocBench VERSION 2.3 [Build 20150423] (DEVELOPMENT)

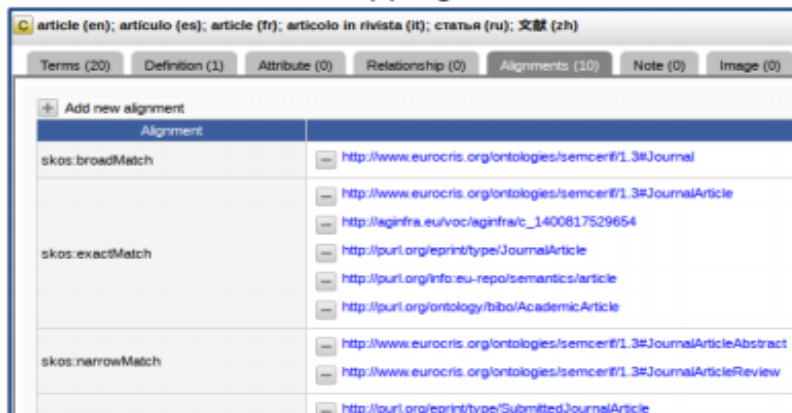
Recent changes Concepts Properties Schemes Validation SPARQL ICV

Concepts Show URI Show non-preferred

URI: http://purl.org/coar/resource_type/c_6501

- annotation (en); comentario (es); commento (it); примечание (ru); 行注 (zh)
- article (en); artículo (es); article (fr); articolo in rivista (it); статья (ru); 文献 (zh)**
- audiovisual (en); material audiovisual (es); materiale audiovisivo (it); 视听 (zh)
- bachelor thesis (en); proyecto fin de carrera (es); tesi di laurea (it); диплом бакалавра (ru); 本科毕业生论文 (zh)

Mappings



article (en); artículo (es); article (fr); articolo in rivista (it); статья (ru); 文献 (zh)

Terms (20) Definition (1) Attribute (0) Relationship (0) Alignments (10) Note (0) Image (0)

+ Add new alignment

Alignment	
skos: broadMatch	http://www.eurocris.org/ontologies/semcerif/1.3#Journal
	http://www.eurocris.org/ontologies/semcerif/1.3#JournalArticle
	http://aginfra.eu/voc/aginfra/c_1400817529654
skos: exactMatch	http://purl.org/eprint/type/JournalArticle
	http://purl.org/info:eu-repo/semantics/article
	http://purl.org/ontology/ibol/AcademicArticle
skos: narrowMatch	http://www.eurocris.org/ontologies/semcerif/1.3#JournalArticleAbstract
	http://www.eurocris.org/ontologies/semcerif/1.3#JournalArticleReview
	http://purl.org/eprint/type/SubmittedJournalArticle

Multilingual Labels



article (en); artículo (es); article (fr); articolo in rivista (it); статья (ru); 文献 (zh)

Terms (20) Definition (1) Attribute (0) Relationship (0) Alignments (10)

+ Add new term

Language	
English (en)	<input checked="" type="checkbox"/> article (Preferred) W
	<input checked="" type="checkbox"/> paper W
	<input checked="" type="checkbox"/> journal article W
	<input checked="" type="checkbox"/> journal articles W
Español (es)	<input checked="" type="checkbox"/> artículo (Preferred) W
	<input checked="" type="checkbox"/> artículo revisado por pares W
	<input checked="" type="checkbox"/> artículo científico W
	<input checked="" type="checkbox"/> artículo científico W
Français (fr)	<input checked="" type="checkbox"/> article (Preferred) W
	<input checked="" type="checkbox"/> article scientifique W
	<input checked="" type="checkbox"/> article de recherche W
	<input checked="" type="checkbox"/> article de recherche W
中文 (zh)	<input checked="" type="checkbox"/> 文献 (Preferred) W
	<input checked="" type="checkbox"/> 论文 W
	<input checked="" type="checkbox"/> 期刊文章 W
	<input checked="" type="checkbox"/> 文章 W
Русский (ru)	<input checked="" type="checkbox"/> статья (Preferred) W
	<input checked="" type="checkbox"/> статья (Preferred) W
Deutsch (de)	<input checked="" type="checkbox"/> Wissenschaftlicher Artikel (Preferred) W
	<input checked="" type="checkbox"/> articolo in rivista (Preferred) W

Some reflections about current version of Resource Types vocabulary

- **The hierarchical model offers many opportunities but also challenges** to grow and implement the vocabulary in a consistent way
- **Mappings with other vocabularies** are pending for some concepts
- **Not all levels of the vocabulary are equally developed.** Some levels are too granular (e.g, “report”) while others are incomplete (e.g, “dataset”, “software”)
- First level: text, dataset, interactive resource, image, workflow, cartographic material, sound, software, other is based on DCMI and DataCite schemas
- **Definitions of concepts in English only**
- “Dataset” particularly requires a more granular representation to become useful to repositories/ other infrastructures
- Some concepts refer to types of resources that are quite new for most repositories (“workflow”). **Content acceptance policies greatly vary amongst repositories**
- **The diversification of “Research Outputs” today has little to do with the landscape a few years ago and Open Science paves the way to even wider variety**
- **The Editorial Board has collected much useful feedback from the international community: debate in the second half of this meeting**

Access mode vocabulary

Controlled Vocabulary for Access Rights (Draft V1)

title: **Controlled Vocabulary for Access Rights (Draft V1)**
description: **The Access Rights vocabulary defines concepts to declare the access status of a resource. Multilingual labels regard regional distinctions in language and term.**
contributor: **COAR Controlled Vocabularies Interest Group** [<http://purl.org/coar/igcv>]
creator: **Aubin, Sophie**
creator: **Azrlevich, Paola**
creator: **Bernal, Isabel**
creator: **Fava, Ilaria**
creator: **Holt, Ilkay**
creator: **Kagawa, Tomoko**
creator: **Principe, Pedro**
creator: **Schirrwagen, Jochen**
creator: **Solodovnik, Iryna**
creator: **Steinhoff, Wilko**
creator: **Subirats, Imma**
creator: **Wang, Shenghui**
created: **2017-04-20**
license: **CC BY 4.0**

• -- open access
• -- embargoed access
• -- restricted access
• -- metadata only access

† -- open access --

URI http://purl.org/coar/access_right/c_abf2
Definition (en) Open access refers to a resource that is immediately and permanently online, and free for all on the Web, without financial and technical barriers.
Preferred label (en) **open access**
Preferred label (es) **acceso abierto**
Preferred label (tr) **açik erisim**
Preferred label (fr) **libre accès**
Preferred label (ja) **オープンアクセス**
Preferred label (de) **offener Zugang**
Alternative label (es) acceso abierto gratuito
Alternative label (es) acceso público
Alternative label (fr) accès ouvert
Alternative label (fr) accès libre
Alternative label (fr) open access
Alternative label (de) freier Zugang

† -- embargoed access --

URI http://purl.org/coar/access_right/c_f1cf
Definition (en) Embargoed access refers to a resource that is metadata only access until released for open access on a certain date. Embargoes can be required by publishers and funders po

- Basis is info:eu-repo
- **The vocabulary indicates the access status of a resource**
- 4 concepts with URIs and labels in some languages of the Working group:
 - **open access**
 - **metadata-only access** (replaces closed access term in info:eu and extends its scope)
 - **embargoed access**
 - **restricted access**
- **Pending:** is this vocabulary the right place to address “green OA” and “gold OA”?
- Send us your feedback!

Definitions in draft v1

- **Open access** refers to a resource that is immediately and permanently online, and free for all on the Web, without financial and technical barriers.
- **Embargoed access** refers to a resource that is metadata only access until released for open access on a **certain date**. Embargoes can be required by publishers and funders policies, or set by the author (e.g such as in the case of theses and dissertations).
- **Restricted access** refers to a resource that is available in a system but with some type of restriction for **full open access**. The user must log-in to the system in order to access the resource; The user must send an email to the author or system administrator to access the resource; Access to the resource is restricted to a specific community (e.g. limited to a university community)
- **Metadata only access** refers to a resource in which access is limited to metadata only. **The resource itself is described by the metadata, but is not directly available through the system or platform**. There is no electronic copy of the resource available (record links to a physical resource); The resource is only available elsewhere for a fee (record links to a subscription-based publisher version); The resource is available open access but at a different location (record links to a version at an open access publisher or archive); The resource is available elsewhere, but not in a fully open access format (record links to a read only, or other type of resources that is not permanent or in some way restricted)

Community outreach

Join the Editorial Board!
All languages welcome!

Send us [your feedback](#)
about the COAR
vocabularies
Send suggestions for
[Working Group FAQs](#)
[Check out our Related
Resources page](#)

Do you want to share your
experience with
controlled vocabularies in
COAR webinar series?
[Keep tuned about
upcoming webinars &
workshops](#)

The screenshot shows the COAR website's 'About the Editorial Board' page. The page title is 'About the Editorial Board'. Below the title, it states 'COAR Controlled Vocabularies Editorial Board' and lists the following members:

- Alberto Aspelán, Ministerio de Ciencia, Tecnología e Innovación Productiva (MINT), Argentina
- Sophie Aude, INRA - the French National Institute for Agricultural Research, France
- Paula Azrilevich, Ministerio de Ciencia, Tecnología e Innovación Productiva (MINT), Argentina
- Isabel Bernal, Consejo Superior de Investigaciones Científicas (CSIC), Spain
- Mark Fox, State and University Library, University of Cologne, Germany
- Dan Finn, Jisc, United Kingdom
- Gabriel Gökler, Leibniz Institute of Technology Library, Turkey
- May Hut, COAR, United Kingdom
- Hany Jinnah, Jisc, United Kingdom
- Tünde Kármán, JRCOAR, Spain
- Pedro Pinheiro, Universidade do Porto, Portugal
- Anson Schirrwagen, University of Leoben, Germany
- Yurya Sitokovik, Russian Language Version Editor of the JACS website (JACS), the UK, OPEC
- Inna Spennert, Data Archiving and Retrieval Service (DARS), Netherlands
- Inma Suarez, Food and Agriculture Organization of the United Nations - agricultural Information Management Standards
- Siergheij Wang, OCLC Online Computer Library Center, Netherlands

At the bottom, it says: 'If you are interested in joining the internet group, please send a message to the COAR Office or to IS chair Jochen Schirrwagen.'

The screenshot shows the COAR website's 'FAQs for Controlled Vocabularies' page. The page title is 'FAQs for Controlled Vocabularies'. It contains the following sections:

- General FAQs**
 - **What is a controlled vocabulary?**

A controlled vocabulary is an organized arrangement of words and phrases used to index content and to retrieve content through browsing or searching. It usually includes preferred and variant terms and has a defined scope or describes a specific domain. Controlled vocabularies capture the richness of variant terms and provide consistency to preferred terms and the organization of the same terms to enable control.
 - **Why are the controlled vocabularies important?**

Controlled vocabularies are beneficial at the indexing process so that data providers and repositories apply the same terms which in the same context (e.g. journal, place or project) is consistent way. The index will appear and discovery of content. Controlled vocabularies guide and control to facilitate that selection better as they may not know the correct term for a given concept or that the most useful function of controlled vocabularies is to gather together related terms and synonyms for concepts and link concepts in a logical order or organize them into categories. Thus, controlling many different approaches like one controlled term increases the number of useful hits returned by the search.
 - **What types of controlled vocabularies exist?**

There are different types of controlled vocabularies including subject heading lists, controlled lists, acronyming lists, authority files, taxonomies, alphanumeric classification schemes, thesauri, and ontologies.
 - **Which "controlled vocabularies" are most relevant for repositories?**

Subject heading lists, authority files, taxonomies, alphanumeric classification schemes and ontologies.
- FAQs for Resource Type Vocabularies**

- [Vocabularios Controlados para Repositorios: Objetivos y Avances del Grupo de Trabajo COAR](#), Isabel Bernal and Paola Azrilevich, COAR Editorial Board
- [Publishing Controlled Vocabularies for Access and Reuse](#), Rowan Brownlee, ANDS
- [Controlled Vocabularies](#), Jochen Schirrwagen, COAR Editorial Board, and Timo Borst, ZBW

Resource Type 2.0: Public Input & Discussion

Towards “Resource Types” Version 2.0: Some Issues for Discussion

ON THE AGENDA OF THE EDITORIAL BOARD

- Review definitions of concepts. Definition of some concepts may slightly clash with subconcepts beneath
- Include source for all definitions
- Consider translation of definitions into all working group members languages
- Complete mappings with other vocabularies

USUAL COMMENTS RECEIVED

- Publication and format types mixed
- Too many types of “reports”
- Examples of workflows in repositories
- Poor definition of “dataset” and need for developing its inner variety
- More alternative labels for some concepts (e.g, webpage for website)
- Differences between “moving image” and “video” may be unclear

Some proposals for new concepts

- Data Management Plan
- Software paper
- Conference presentation
- Blog post
- Architectural drawing
- Ephemera
- Interview transcripts
- Annotated sources
- Survey responses
- Audiobook
- Honour thesis
- Corrigendum
- Learning Object material
- Manuscript (digitized collections)
- Newspaper article
- ...what else do you think is missing in Version 1.1??

Discussion

Do you think the most important “resource types vocabularies” have been mapped?

COAR Controlled Vocabularies target Open Access repositories, Open Access journal platforms and (to some extent) CRIS (via CERIF-XML). Is there another target group / infrastructure that could benefit?

What could be the benefit(s) and problem(s) of organising the vocabulary in a hierarchical way

Would you like suggest / rename / remove a concept and why?

What research data terms would you recommend to add (and not specific to a single discipline)?

What issues would you like to see in the Guidelines for repository managers? And in the Guidelines for IT staff?

Next steps for COAR Controlled Vocabularies
Ilkay Holt, COAR

Version Types

Term	info:eu-repo/	Definitions
AO	authorVersion	Author's Original
SMUR	submittedVersion	Submitted Manuscript Under Review
AM	acceptedVersion	Accepted Manuscript
P	N/A	Proof
VoR	publishedVersion	Version of Record
CVoR	updatedVersion	Corrected Version of Record
EVoR	updatedVersion	Enhanced Version of Record
NA	N/A	Not Applicable (or Unknown)

Version Types: what is next?

Consultation with interest group

Finalisation of concepts with editorial group

Translations of concepts and definitions

Deadline => End of the year

Date Types

Term	info:eu-repo/date	Used by
Accepted	accepted	DataCite
Available		DataCite
Copyrighted	copyrighted	DataCite, Bibo
Collected		DataCite
Created		DataCite, Bibo
embargoEnd	embargoEnd	OpenAIRE
Issued	publication	DataCite, Bibo
Submitted	submitted	DataCite, Bibo
Updated		DataCite, Bibo
Valid		Datacite



Collaboration with other vocabulary services

Phaidra Classification Server

COAR Vocabularies in guidelines

OpenAIRE Literature Repository Guidelines

OpenAIRE CRIS-CERIF Guidelines

LA Referencia Guidelines

DINI Certificate for repositories in Germany

ANDS (Australian National Data Service)

Research Vocabularies Australia

Registry interoperability

Share vocabulary experiences

Collaborate on documentation

Linking services on both web sites



The screenshot displays the 'Research Vocabularies Australia' website. At the top, there is a dark blue header with the site name and navigation links for 'About' and 'Widget Explorer'. Below the header is a search bar with the placeholder text 'Search for a vocabulary or a concept' and an orange 'Search' button. The main content area features the title 'Controlled Vocabulary for Resource Type Genes' with a 'widgetable' icon to its right. Below the title, it identifies the publisher as 'Confederation of Open Access Repositories (COAR)' and the creation date as '31 Jul 2015', accompanied by social media icons. A version box on the left indicates 'Version 1.1' as the 'current' version, with a 'Download' button and links for 'Access Web Page', 'Access Linked Data API', and 'Show SPARQL Endpoint' (released: 31 Jul 2015). The main text describes the vocabulary's purpose in identifying resource genres and lists 'English' as the supported language. The 'Licence' section shows the Creative Commons Attribution-NonCommercial-ShareAlike license logo.

The way forward

Vocabularies

Access types vocabularies 1.0 release

Translation of definitions (to be discussed)

Resource Types 2.0

Version types

Diversity in the context of languages

Continue collaboration

Use cases

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