CEBRA 21E Metadata Application Profile v0.2

Document status

Version	Date issued	Comment and change log
0.1	15 December 2022	First public issue
0.2	18 January 2023	Migrated document from https://gitlab.unimelb.edu.au/ to https://melbourne.figshare.com. Minted DOI: 10.26188/21902058 Removed Comment from dcterms:creator Removed dcterms:type element from Project class Removed Comment from dcterms.identifier in Project class Added foaf:homepage to Project class Added Catalog class Updated Range includes for dcterms:subject Updated Comment for modsrdf:genre

https://doi.org/10.26188/21902058.v2

Introduction

This metadata application profile (MAP) outlines the metadata approach taken in the project *A Biosecurity Risk Research Portal to Inform Decision-Making*[1]. The project collects research report and research project metadata and makes these available through an open access database. The project enriches and extends source metadata with properties and vocabularies designed to support discovery and analysis of biosecurity concepts.

Ontology

Class matrix

Name	RDF class	Comment
Resource	dcterms:BibliographicResource	
Project	foaf:Project	
Catalog	dcat:Catalog	AKA ‘database’

Namespaces

@prefix aglsterms: <https://agls.gov.au/agls/terms/> .
@ prefix cebra: <https:www.ontology.cebra.unimelb.edu.au>
@ prefix dcat: <http://www.w3.org/ns/dcat#>
@prefix dcterms: <https://purl.org/dc/terms/> .
@prefix foaf: <http://xmlns.com/foaf/0.1/> .
@prefix geo: <https://www.w3.org/2003/01/geo/wgs84_pos#> .
@prefix iden□fiers: <https://id.loc.gov/vocabulary/idenfiers> .
@prefix modsrdf: <https://www.loc.gov/standards/mods/modsrdf/v1/> .
@prefix owl: <https://www.w3.org/2002/07/owl#> .
@prefix rdf: <https://www.w3.org/1999/02/22-rdf-syntax-ns#> .
@prefix researchgraph: <https://researchgraph.org/schema/v2.0/xml/nodes> .
@prefix rifcs: <http://purl.org/au-research/vocabulary/RIFCS/RIFCSVocabulary> .
@prefix schema: <https://schema.org/> .
@prefix scholix: <http://www.scholix.org/> .
@prefix skos: <http://www.w3.org/2004/02/skos/core#> .
@prefix xsd: <http://www.w3.org/2001/XMLSchema#> .

[1] https://doi.org/10.26188/21498714.v3

Class tables

Resource

Name	Property	Expected type	Range Includes	Comment
Genre	modsrdf:genre	xs:string	Resource Types https://vocabularies.coar-repositories.org/resource_types/	Specific report types, such as 'research report', 'policy report' or similar should not be used – instead the broader type 'Report' should be used. http://purl.org/coar/resource_type/c_93fc 'Conference presentation' may be used to describe resources published "for projection and viewing by an audience at a conference, symposium, seminar, lecture, workshop or other gatherings[2]" http://purl.org/coar/resource_type/R60J-J5BD
Issued	dcterms:issued	xs:date	W3C-DTF	
Creator	dcterms:creator	xs:string		
Title	dcterms:title	xs:string		
Locally defined identifier	Identifiers:identifier.local	xs:anyURI		
DOI	Identifiers:identifier.doi	xs:anyURI		
URL		xs:anyURI		
Availability	aglsterms:availability	xs:string		Recommended where Access Rights is Metadata only.
Abstract	dcterms:abstract	xs:string		
Subject	dcterms:subject		Biosecurity Subject Thesaurus https://vocabs.ardc.edu.au/viewById/646	Biosecurity Subject Thesaurus was migrated from ARDC demo server in January 2023.

[2] https://vocabularies.coar-repositories.org/resource_types/R60J-J5BD/

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			Priority Pests https://vocabs.ardc.edu.au/viewById/645	
Modified	dcterms:modified	xs:date	W3C-DTF	
Rights	dcterms:rights	xs:string		
Type	dcterms:type	xs.string	DCMI Type Vocabulary http://purl.org/dc/terms/DCMIType	"Text" is mandated for all items in the Resource class
References	dcterms:references	xs:anyURI	foaf:project	Resources may refer to a research Project from which the Resource is an output.
Access rights	dcterms:accessRights	xs:string	Access Rights https://vocabularies.coar-repositories.org/access_rights/	• Embargoed access • Restricted access • Metadata only access • Open access

Project

Name	Property	Expected type	Range includes	Comment
Issued	dcterms:issued	xs:date	W3C-DTF	
Principle investigator	rifcs:hasPrincipalInvestigator	xs:string		
Participant	rifcs:hasParticipant	xs:string		
Title	dcterms:title	xs:string		
Homepage	foaf:homepage	xs:anuURI		
DOI	Identifiers:identifier.doi	xs:anyURI		A DOI is minted in Figshare for a 'Registration' object. An expected development is a metadata scheme for RAiD, with an agreed approach to expressing a RAiD. https://www.raid.org.au
Identifier	dcterms:identifier	xs:anyURI		
Abstract	dcterms:abstract	xs:string		
Subject	dcterms:subject		Biosecurity Subject Thesaurus https://vocabs.ardc.edu.au/viewById/646	

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			Priority Pests https://vocabs.ardc.edu.au/viewById/645	
Modified	dcterms:modified	xs:date	W3C-DTF	
Rights	dcterms:rights	xs:string		

Catalog

Name	Property	Expected type	Range includes	Comment
Title	dcterms:title	xs:string		
DOI	Identifiers:identifier.doi	xs:anyURI		
Identifier	dcterms:identifier	xs:anyURI		
Description	dcterms:description	xs:string		
Subject	dcterms:subject		Biosecurity Subject Thesaurus https://vocabs.ardc.edu.au/viewById/646	
Publisher	dcterms:publisher	xs:string		
Modified	dcterms:modified	xs:date	W3C-DTF	
Rights	dcterms:rights	xs:string		
Access rights	dcterms:accessRights	xs:string		

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