Polar Data Ecosystem Mapping Data Model

Date: 2022-12-20

Version 0.0, 2022-12-20: First version

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Versions

Version	Date	Comment	Responsible
0.x	202?-??-??	Many updates...	Øystein Godøy
0.0	2022-10-18	First draft for internal discussion.	Øystein Godøy

1. Introduction

FIXME

1.1. Background

FIXME

1.2. Scope

FIXME

1.3. Intended audience

FIXME

2. Data model

2.1. Introduction

FIXME

2.2. Diagram

ArcticDataEcosystem
analysisPurpose

mappingElement
identifier = "UUID"
dateUpdated = "ISO8601"
authorName = ""
authorEmail = ""

analysisPurpose

1	Active data centres
2	Interaction between data centres
3	Technology usage
4	Other

aggregatorRepository

name	"name of the repository"
url	"URL"
country	"ISO 3166-1 alpha-2"

harvestProfile

harvestStatus	
harvestFrequency	
harvestEviction	
harvestProtocol	
harvestMetadata	
harvestContent	
harvestNotes	Free text
dataAccess	
lastValidated	Date last validated

harvestFrequency

1	Daily
2	Weekly
3	Monthly
4	Incremental/full
5	Manual
6	Other

harvestMetadata

1	GCMD DIF
2	ISO19115 (various profiles)
3	schema.org
4	DCAT-AP
5	Other

sourceRepository

name	name of the repository
url	URL
country	"ISO 3166-1 alpha-2"

harvestStatus

1	In planning
2	At present
3	In past
4	It is complicated

harvestEviction

1	Daily
2	Weekly
3	Monthly
4	Quarterly

harvestContent

1	Full
2	Subset
3	Other

harvestProtocol

1	OAI-PMH
2	OGC CSW
3	OpenSearch
4	DCAT-AP
5	Other

dataAccess

1	DirectSingleFileDownLoad
2	OPeNDAP
3	OGC WMS
4	OGC WFS
5	OGC WCS
6	OGC API
7	ODATA
8	Other

0,*   1   0,*   1   0,*