

Metadata for deling og gjenbruk

Hva er fagspesifikke metadata?

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Eksempler på fagspesifikke metadata

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Domain-specific metadata

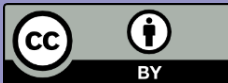
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Malovic I. *Domain-specific metadata* [unpublished lecture presentation]. University of Oslo; 2024 April 23rd



Metadata

- **“Data about data”**
- **Help to explain** the purpose, origin, time, location, creator(s), term of use, and access conditions of research data
- Descriptions that facilitate **cataloguing data and data discovery**
- Intended **for machine-reading**

Why do we need metadata?

- Findability / Discovery
- Aid in identification or understanding of a resource
- Interoperability
- Digital object management
- Preservation
- Navigation within parts of items

- **A huge help when making data FAIR!**

Dublin Core Metadata Element Set

is a set of fifteen “core” elements (properties) for describing resources

Dublin Core Metadata Element Set

01. Contributor

02. Coverage

03. Creator

04. Date

05. Description

06. Format

07. Identifier

08. Language

09. Publisher

10. Relation

11. Rights

12. Source

13. Subject

14. Title

15. Type

Why do we need domain-specific metadata?

- Different research communities = different types of data



Observational



Experimental



Computational



Records

Why do we need domain-specific metadata?

- Different research communities = different types of data
- These communities may have different concerns and approaches to metadata
- No single standard can satisfy all the needs across communities
- For metadata to be understandable, consistency is required

Metadata standards overviews

- The Digital Curation Center:

<https://www.dcc.ac.uk/guidance/standards/metadata>

- Research Data Alliance Metadata Standards Catalog:

<https://rdamsc.bath.ac.uk/>

Controlled Vocabularies

- Standardized and organized arrangements of preferred terms and phrases
- Provide a consistent way to describe data and their variables
- Common types include term lists, authority files, and thesauri

Controlled Vocabularies

	A	B	C	D	E	F	G
1	participant number	age	lifestyle	religion	sex	salary group	occupation group
2	1	45	1	0	1	A	B
3	2	54	2	1	1	A	D
4	3	36	1	0	2	B	A
5	4	47	1	NA	2	C	C
6	5	30	2	0	0	B	A
7	6	32	3	0	1	D	B
8	7	52	3	0	1	A	NA
9	8	34	1				
10							

	A	B	C	D	E	F	G
1	ID	yob	habits	beliefs	gender	income	profession
2	101	1971	2	1	1	A	1
3	102	1983	4	0	2	B	2
4	103	1977	3	0	1	C	4
5	104	1974	1	2		A	2
6	105	1987	1	1	2	A	1
7	106	1994	3	0	1		1
8	107	1990	2	2	2	C	2
9	108	1988	1	3	1	B	3
10	109	1982	4	1	0	C	4
11							

Takk!

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