Metadata
Interest Group

Introduction to the Recommended Metadata Element Set

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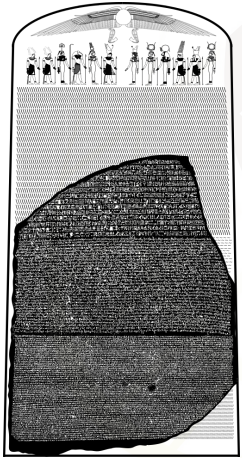
Ambition for the Metadata Element Set

- Starting point for developing new domain standards
- Tool for analysing existing metadata schemes
- ‘Rosetta Stone’ for interconverting between arbitrary standards



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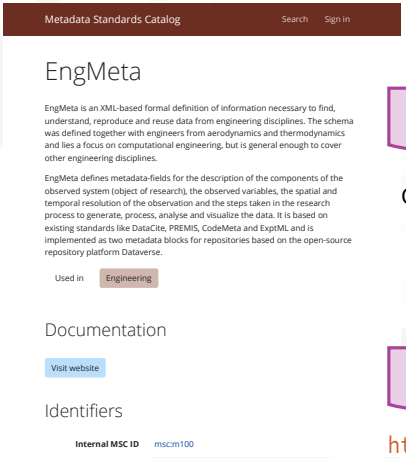
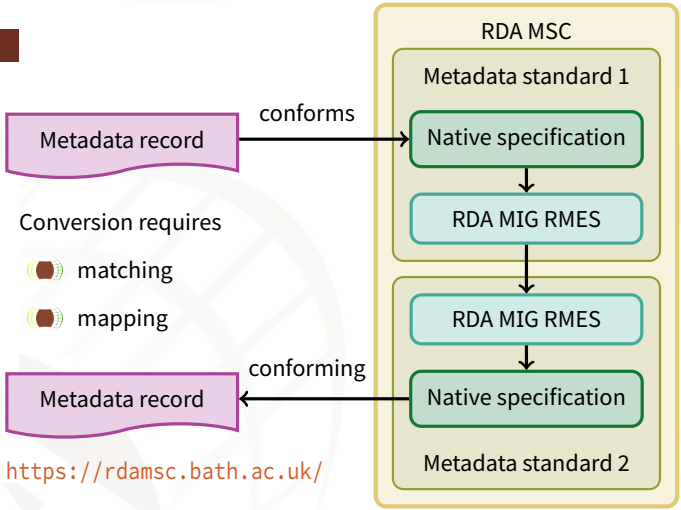
The Metadata Standards Catalog





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Work towards metadata packages

1. Data in Context Interest Group led collection of **metadata use cases**
2. Metadata Interest Group **analysed elements** used
    - Analysis spreadsheet and explanatory slides: https://rd-alliance.org/use-case-analysis.html
3. Metadata Element Set debated at RDA Plenary meetings
4. Now in the process of 'unpacking' the elements

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Recommended Metadata Element Set

Dataset

- Unique identifier
- Description
- Keywords
- Spatial coordinates
- Temporal coordinates
- Location
- Medium/format
- Availability
- Schema
- Quality
- Provenance

Originator

Project

Related publications
Related software
Citations

Facility
Equipment

Element set priorities

Survey with n = 37

(ordered by mean; median only differs where shown)

1. Unique identifier
2. Description
3. Location
4. Originator
5. Keywords
6. Availability
7. Temporal coordinates
8. Spatial coordinates
9. Medium/format
10. Provenance (2↓)
11. Quality
12. Project
13. Schema
14. Citations
15. Related publications
16. Facility/equipment (2↑)
17. Related software

Gaps to consider

Repository name (data publisher)	→	Originator
Title (main, alternative, abbreviated)	→	Description
Methodology, Sampling procedure	→	Description

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Priorities for today

Based on Schembera, B. and Iglezakis, D. (2020), 'EngMeta: Metadata for Computational Engineering', *International Journal of Metadata, Semantics and Ontologies*, 14 (1). doi: 10.1504/IJMSO.2020.107792:

1. Schema
2. Provenance
3. Description
4. Temporal coordinates
5. Spatial coordinates
6. Related software
7. Medium/format
8. Keywords
9. Originator
10. Related publications
11. Availability
12. Facility/equipment
13. Project
14. Unique identifier

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Thank you for your attention

Metadata Interest Group: https://www.rd-alliance.org/groups/metadata-ig.html

Recommended Metadata Element Set: http://bit.ly/2nDH5Lr