



Metadata to the rescue – enabling understanding of data and fitness for use through quality descriptions that also trace its history

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Australia and New Zealand Metadata Working Group (ANZ MDWG)

Who are we?

- The Australia and New Zealand Metadata Working Group (ANZ MDWG (<https://www.icsm.gov.au/what-we-do/metadata-working-group>)) was established on 3 June 2018

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Our Journey - Challenges & Achievements

Big Question: Are we on the right path?

Stakeholder surveys were run in 2018 and 2020 to define major challenges and requirements, and enable prioritisation and planning. As a result, Roadmaps with a set of activities were created.

Roadmap 2018-2020

Main challenges:

- Prioritisation: managers engagement and funding
- Data sharing and integration: developing consistent metadata
- Support: educational resources and communication
- Technical: tools and consistent implementation

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Metadata as a Tool for FAIR Data and Services Orchestration

What is the challenge?

Data and Services:

- Exponentially increasing amount available on the web
- Manual searches are no longer viable
- Machine-to-machine communication is vital for finding data and services

Data Understanding and Integration:

- Availability of self-describable data to support access through API
- Ability to connect and integrate datasets to support decision making
- Understanding data provenance

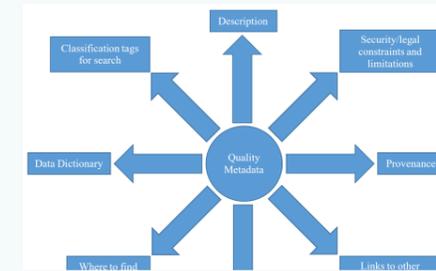
Metadata is a knowledge organisation system which can help to resolve these challenges



WWW.ICSM.GOV.AU/WHAT-WE-DO/METADATA-W

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Our support for FAIR of Data and Services



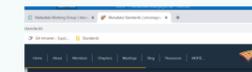
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Work in Progress

Work across Australia and New Zealand

Advice on generic and community specific implementation and compliance aspects of metadata, e.g.:

- Preparing metadata for GDA2020 and the AGRS (https://www.icsm.gov.au/sites/default/files/Preparing%20metadata%20for%20the%20Australian%20Geospatial%20Reference%20System_v2.pdf)
- Australian Emergency Services website



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ABSTRACT

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