



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



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 plannin. As a result, Roadmaps with a set of acitlvities 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



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

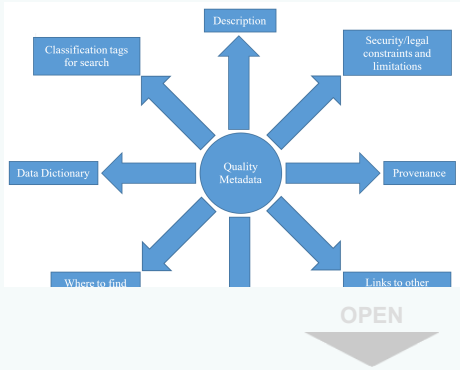
Data Understanding and Integration:

- 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



Our support for FAIR of Data and Services



Work in Progress

Work across Australia and New Zealand

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

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

