How to Provide Quality Assessments in DataCite Metadata?

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Motivation

ARDC FAIR Self Assessment tool
OGC GeoPackage Encoding Standard
PrePARE
F-UJI FAIRness Test
WMO’s Stewardship Maturity Matrix
Repository specific Quality Assurance

→ Specific aspects of data quality are checked at different levels of the data production workflow
Each check should be findable in the metadata.

Not only the assessment report, but also the assessment method and a short summary of the results should be provided.
Quality Information in the DataCite Metadata

How to store/link data quality information (report, results and method) in DataCite metadata records?

- Current approach: link quality reports via RelatedIdentifier: relationType HasMetadata, IsDocumentedBy, IsReviewededBy

→ There is no relationType, where quality information can unambiguously be stored!

- Kristian Garza’s recommendation: HasMetadata
  ○ can point to the assessment report (DOI, URL) and
  ○ to the assessment method by using schemeType and schemeURI

→ There is no possibility to store the short summary of the test results!
Thank you!

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