

FAIR Assessment Tools: An evaluation of assessment tools of data sets according to the FAIR principles

Since the publication of the FAIR principles in 2016, they have become increasingly important and various tools have been developed to help assess published data with regard to compliance with the FAIR principles. There is a wide range of fair assessment tools currently available, from simple printable PDF checklists to fully automated tools that only require a DOI or URL to perform the assessment. Researchers hoping for feedback on how to optimize their own dataset with regard to the FAIR principles have different requirements than data stewards who need a quick overview of the quality of the datasets published in the repository. In order to get an orientation as to which tools are suitable for which user group and which question, we evaluated the FAIR assessment tools available in the period from July to August 2022. In our evaluation, we considered the following aspects, among others: the duration of processing, the target group of the tool, whether prior knowledge (in the field of IT and RDM) is necessary for using the tool and for understanding the results. The poster summarizes the evaluation of the FAIR assessment tools by assigning them to four categories: Fully Configurable Tools, Automatic Tools, Improved Survey Tools and Regular List Tools. The categorization gives users an overview and thus supports them in selecting the right tool for their needs.

Type of Poster

A solution

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