



Results of an Analysis of Existing FAIR Assessment Tools

The Challenge:

The aspirational nature of the FAIR data principles and their rapid adoption at international level has led to a wide range of interpretations of FAIRness since the principles do not strictly define how to achieve a state of FAIRness but rather describe a continuum of features, attributes and behaviours that move a digital object closer to that goal. As a result, a number of differing methodologies to assess FAIRness have been developed already and relevant work is under way by various groups. Due to the lack of a common set of core assessment criteria for FAIRness, researchers and organisations cannot evaluate the readiness and implementation level of their datasets vis-à-vis the FAIR data principles in a coherent way. In addition, research performing organisations and data infrastructures cannot develop or follow a minimum set of shared guidelines to climb up the ladder of FAIR because of the increased heterogeneity of the offered FAIR metrics tools.



Produced by: **FAIR Data Maturity Model WG**

<https://www.rd-alliance.org/groups/fair-data-maturity-model-wg>

What is the solution?

As a landscaping exercise, the editorial team of the FAIR Data Maturity Model Working Group analysed current and existing approaches related to FAIR self-assessment tools. The analysis was made based on publicly available documentation and an online survey. Questions and options stemming from these different approaches were classified according to the FAIR principles/facets. Comments were collected and incorporated. This resulted in five slide decks, combined in this output, that make up this preliminary analysis.

What is the impact?

This document provides an overview of a number of existing FAIR assessment tools, listing the indicators used in these tools to assess the FAIRness of a data set. This is useful if you wish to discover and compare existing FAIR assessment tools and the questions that are being asked. The analysis is a first step to identify the FAIR maturity criteria, by the end of 2020.

Find out more about this
Recommendation



September 2020