FAIR Data Maturity Model Working Group - Status

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7 April 2020
Context

The principles are NOT strict

- Ambiguity
- Wide range of interpretations of FAIRness

Different FAIR Assessment Frameworks

- Different metrics
- No comparison of results
- No benchmark

SOLUTION is to bring together stakeholders to build on existing approaches and expertise

- Set of core assessment criteria for FAIRness
- FAIR data maturity model & toolset
- FAIR data checklist
- RDA recommendation

Join the RDA Working Group: RDA WG web page | GitHub
Is FAIR Open? In short, “It depends.”

Data can be FAIR or Open, both or neither.

The greatest potential for **reuse** comes when data are **both FAIR and Open**.


Data should be as open as possible, as closed as necessary.
Closed vs Open – A continuum

Credit:
The University of Sydney Library, “Data Publication: Controlling access to published data”
https://libguides.library.usyd.edu.au/datapublication/access
Objectives

- What are to be evaluated to determine FAIRness?
  - Identify the indicators that can serve as core criteria
  - Propose guidelines and a checklist
  - Test the core criteria
  - Enable the development of automated tools for evaluation
  - Update the core criteria based on feedback

FAIR data maturity model
BUT the Working Group does **NOT** have the purpose to ...

- **develop yet-another-evaluation-method**: the core criteria are intended to provide a common ‘language’ across evaluation approaches, not to be applied directly to datasets.

- **define how the core criteria need to be evaluated**: The exact way to evaluate data based on the core criteria is up to the owners of the evaluation approaches, taking into account the requirements of their community.

- **revise and re-design the FAIR principles**
State of play

1. Definition
   - DONE

2. Development
   i) First phase
      - DONE
   ii) Second phase
      - DONE

3. Testing
   - CLOSING

4. Delivery
   - STARTING

* Any comments are still welcomed with regards to the output produced during the first phase | [GitHub](https://github.com)
Testing phase | Overview & results

Results
- 13 testers
- 9 tests results
- 1 dataset
- Various range of disciplines and entities
- Different approaches to the scoring

Planning
- Pilot testing
- Full roll-out
- 1st and 2nd level of testing
- December 2019 until March 2020

Analysis
- Comments on indicators
- General issues
- Specific issues
- Information needs

Proposed resolutions & integration of the feedback in the FAIR data maturity model
# Continuity

## 2020

<table>
<thead>
<tr>
<th>Month</th>
<th>Event Description</th>
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<tr>
<td>January</td>
<td>Testing phase</td>
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<tr>
<td></td>
<td>FAIR data maturity model maintenance (Guidelines, checklist &amp; indicators)</td>
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<tr>
<td>February</td>
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<td>March</td>
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<td>June</td>
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- **End of RDA WG**
- **Workshop**
- **Deliverable**
- **Today**

### WORKSHOP #9

- **20 May 2020**
  - 15.00 to 16.30 UTC
- **21 May 2020**
  - 07.00 to 08.30 UTC
FAIR data maturity model: specification and guidelines

Under review until May 13th

https://doi.org/10.15497/RDA00045
Resources

- RDA FAIR data maturity model WG
  https://www.rd-alliance.org/groups/fair-data-maturity-model-wg

- RDA FAIR data maturity model WG – Case Statement

- RDA FAIR data maturity model WG – GitHub

- RDA FAIR data maturity model WG – Collaborative document
  https://docs.google.com/spreadsheets/d/1gvMfbw46oV1idztsr586aG6-teSn2cPWe_RJZG0U4Hg/edit#gid=0

- RDA FAIR data maturity model WG – Indicators prioritisation
  https://docs.google.com/spreadsheets/d/1mkjElFrTBPBH0QViODexNur0xNGhJqau0zkL4w8RRAw/edit

- RDA FAIR data maturity model WG – Indicators prioritisation survey results
  https://drive.google.com/open?id=11hyAYCKz_NVoOb9-vlPqjN9LCarOFmc3

- RDA FAIR data maturity model WG – Guidelines
  https://docs.google.com/document/d/1pDGGL3-BbBJu18KlfZUI3AiZKLHXGXdli_mPtpEWmeg/

- RDA FAIR data maturity model WG – Mailing list
  fair_maturity@rda-groups.org
Thank you!