

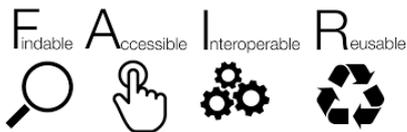


GEDE Webinar on Maturity Indicators for FAIRness and Certification of Repositories

22. March 2019, 15.00 CET

<https://global.gotomeeting.com/join/177773245>

The FAIR principles are being accepted widely in the scientific community now as a pre-condition for making data driven science more efficient. Consequently, various initiatives are busy to identify what machine-actionable FAIRness functionally means and how levels of FAIRness can be objectively and reproducibly assessed. Given the huge amount of data it is also becoming obvious that tools are required that measure FAIRness automatically.



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Assessing trustworthiness of repositories based on a set of requirements has also been widely accepted. Two years ago two catalogues of requirements, the Data Seal of Approval and the World Data System¹, have been merged into the CoreTrustSeal. The success of the CoreTrustSeal acknowledges the fact that repositories are and will continue to be essential pillars in the evolving ecosystem of data infrastructures and thus users and depositors need to rely on the quality and sustainability of their services. While FAIR addresses the data and metadata characteristics of any Digital Object, CoreTrustSeal has its focus on the repositories as care takers of data and metadata. The foci of the two initiatives therefore are slightly different although when comparing both also quite some overlap can be identified.



Recent discussions in meetings demonstrated that many data scientists take a cautionary approach to automated FAIRness measurement. In particular they are, a) afraid that they are confronted with rule sets where they did not have a chance to influence them, b) afraid of institutions that declare themselves as assessment experts and make statements that may have effects on funding decisions without understanding data practices and c) do not understand the reason to have yet another set of rules. Discussions were partly emotional about terms such as FAIR “metrics” so that people now prefer to speak about FAIR Maturity Indicators. But does this now mean that people can go ahead as they did during the past years?

Many questions are still unclear to the many data professionals related with large research/data infrastructures such as the ESFRI ERICs and projects. This webinar therefore is an excellent

¹ We should also refer to the rule sets developed by DIN ([DIN 31644 - Criteria for trustworthy digital archives](#)) and ISO ([ISO 16363 - Audit and certification of trustworthy digital repositories](#))

opportunity to listen first to one of the designers behind the FAIR principles and first simple criteria for FAIRness (Erik Schultes), to a colleague who already is working on suggestions of how to automate measuring FAIRness (Mark Wilkinson) and of a colleague responsible involved in CoreTrustSeal and now also in the new FAIRsFAIR project of the EC (Ingrid Dillo). In addition, Edit Herczog will briefly explain what the task of the FAIR Maturity Working Group within RDA will be. We will leave sufficient time for questions and discussions and are happy that data practitioners from ICOS (Maggie Hellström) and VAMDC (Carlo Maria Zwölf), both also acting as GEDE co-chairs, will moderate the discussion.

Agenda

15.00	Maggie Hellström (GEDE, ICOS)	Introduction
15.05	Erik Schultes (GOFAIR)	FAIR Principles and Basic Maturity Indicators
15.25	Mark Wilkinson (GOFAIR)	Advanced FAIR Maturity Indication
15.45	Ingrid Dillo (FAIRsFAIR, CTS)	Repository Certification with CTS
16.05	Edit Herczog (GEDE, RDA)	Task of FAIR Maturity WG in RDA
16.15	Open Discussion (Moderators: Maggie Hellström, Carlo Maria Zwölf)	

Responsible: Peter Wittenburg, GEDE Co-Chair

<https://www.rd-alliance.org/groups/gede-group-european-data-experts-rda>

Presenters



Erik Schultes is International Science Coordinator at GO FAIR and one of the creative minds behind the plans of making digital objects more FAIR. Erik is also liaised with the Dutch Techcentre for Life Sciences and the Leiden University Medical Center. Before his engagement with the GO FAIR office, he worked at the Leiden Institute for Advanced Computer Science and at the Sequenom Company. He got his education at the University of California.



Mark D Wilkinson currently works at the Centre for Plant Biotechnology and Genomics, Universidad Politécnica de Madrid focusing in particular on concepts and implementations of automatically checking FAIR maturity. Mark also does research in Web Semantics, Data linking, Artificial Intelligence applied to "big" biological data, Natural Science, Engineering and Medicine and Information Science.



Ingrid Dillo is deputy director of DANS, a Dutch center for data archiving and networking. Ingrid is currently also director of the FAIRsFAIR project funded by the EC that needs to work out strategies to make FAIR common practice. As member of the International Board of the Data Seal Of Approval Ingrid was actively involved in defining the requirements now known as CoreTrustSeal under the umbrella of RDA. She is also very much involved in other RDA groups and is a member of the Scientific Committee of the ICSU/World Data System. She has an education as historian.



Edit Herczog served two consecutive terms in the European Parliament. In the EP she was engaged in budgetary, human resources, industry, energy and internal market issues. Currently she is Director General of her own company Vision & Values. She is member of the RDA council since 2016 and was elected as one of co-chairs of the new RDA FAIR Data Maturity Model WG to bring together the various experts engaged in making data FAIR and measuring FAIRness. She has a background in Food Engineering.