

On the Path to a Quality Indicator for Software and Data Publications for the Helmholtz

Monday, March 11, 2024 1:15 PM (45 minutes)

Research data and software publications have become a regular output of scientific work. Yet unlike more traditional text publications, widely established processes to assess and evaluate their quality are still missing. This fact prevents researches from getting the proper credit they deserve as common performance indicators often just omit this part of scientific contributions.

As part of the Helmholtz Association, the Task Group Helmholtz Quality Indicators for Data and Software Publications has been set up to develop a quality indicator to be used within the Association. The goal is to define a set of quality dimensions and attributes suitable for all branches represented in Helmholtz and raise the awareness and appreciation of research data and software publications as equally important scientific outputs. We base our work on already well-established frameworks like the FAIR principles and the COBIT Maturity Model and aim to define a graded model accounting for multifaceted nature of contemporary research.

In our talk, we will present the vision of the Task Group as well as the current state of discussions. As the definition these criteria is a continuous and dynamic process, we welcome feedback by the audience want to encourage a further dialogue within the community.

Type of Poster

Presenter: MEISTRING, Marcel (Helmholtz Open Science Office)

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