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Towards a Helmholtz Data Space - adjusting responsibilities for metadata data by the use of PIDS

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Persistent identifiers (PIDs) are an integral element of the FAIR principles (Wilkinson et al. 2016) as they are recommended to refer to data sets and metadata. They are, however, also considered to be used to refer to other data entities, like people, organizations, projects, laboratories, repositories, publications, vocabularies, samples, instruments, licenses, methods and others. Consistently integrating these PIDs into data infrastructures can create a high level of interoperability allowing to build connections between data sets from different repositories according to common meta information.
Enhanced data acquisition and maintenance, however, requires new models of responsibility for these datasets. The roles of data maintainers extend far beyond the current actors, who are researchers, data managers, and librarians. In fact technicians, center administration and management, center employees, and others do have an important role making sure, their metadata is properly referenced, uniform and reliably maintained.
Here we shed some light what different PID systems we recommend to implement within the Helmholtz Association and make suggestions, which stakeholder groups should be included to take responsibility for maintaining them, in order to shape the Helmholtz Data Space.

Please assign your contribution to one of the following topics

Bringing recommendations closer to practice

Please specify ”other” (stakeholder)

In addition please add keywords.

PID, Interoperability, Recommendation, Data Space, Roles

Please assign yourself (presenting author) to one of the stakeholders.

Data professionals and stewards

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