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FID Physik –updating the information infrastructure for physics

Share your thoughts on how research software metadata can power FAIR and open science!

In a world where the published scientific literature is growing exponentially, researchers looking for specific scientific information need to retrieve their signal from a rising flood of information noise. The adoption of semantic technologies such as knowledge graphs can mitigate this issue –while at the same time help building a more FAI and open research environment.

High-quality metadata, including those describing research software are crucial building blocks for semantic solutions as well as for AI applications for scientific libraries. Currently, however, these metadata are often insufficient in quantity and quality. Physics research in particular would benefit from improved and more standardised annotation practices.

Hence, TIB –Leibniz Information Centre for Science and Technology, together with partners at Physikalisch-Technische Bundesanstalt (PTB) and Leibniz Institute for Plasma Science and Technology (INP) are going to propose a "Fachinformationsdienst (FID) Physik", a specialised information service for physics. This support infrastructure aims to improve researchers'access to research-specific information and to provide services based on the aggregation and curation of high quality physics metadata.

This is where we need your help –and would like to offer our help for you, too!

Research software engineering plays a crucial role in the production, curation, maintenance, and distribution of research outputs in the physical sciences. Thus, research software engineers are key stakeholders for shaping the transformation towards Open Science and FAIR physics research data.

Visit our interactive poster and let us know which of our ideas regarding research software metadata we should prioritise. What should we add to support your work as a research software engineer who is involved in physics research? We would like to incorporate your suggestions and comments as a part of our community survey into our proposal for the FID Physik.

Slot length

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