HERMES

HElmholtz **R**ich **ME**tadata **S**oftware Publication

HMC Welcome Meeting - 2021-04-13

HERMES

The issue ⬡

We are expected (and want!) to publish our research software. But software publication is hard, if it is to support findability, comprehension, citation, and reuse.

The solution 💡

Automate enrichment, validation & standardization of metadata, and automate depositing software with metadata to improved platforms, from CI/CD workflows.

The project ⚙

DLR, FZ Jülich, HZDR produce reference implementations (Invenio RDM, Dataverse), automation interfaces, adoption-ready workflows & documentation.

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How can HMC support HERMES?

- Landing page at, e.g., https://helmholtz-metadaten.de/software-metadaten

- AAI-enabled collaborative infrastructure with external (personalized) access (NUBES ⭘ , GitLab ✔ , BBB (GWDG ✔), Team Chat ⭘)

- Corporate Design support (logos, etc.)

- Communication with potential users

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Linkage & integration

-   Other HMC projects are welcome as "internal" beta testers

-   Workflows will be rolled out to Helmholtz centres where applicable (e.g., combination of GitLab/GitHub + Dataverse/InvenioRDM)

-   Workflows will be published for all HGF centres (and beyond) to reuse 🛸 🐕

-   Documentation will be available centrally, ideally on HGF platform, and is available publicly

The HERMES Project (starting 07/2021)

Partners:

DLR Institute for Software Technology	JÜLICH Forschungszentrum	HZDR HELMHOLTZ ZENTRUM DRESDEN ROSSENDORF
Stephan Druskat (PI) Tobias Schlauch	Oliver Bertuch	Guido Juckeland Oliver Knodel

Collaborators:

- InvenioRDM, Dataverse

Contact:

- stephan.druskat@dlr.de

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