PROJECT HERMES
DEPOSITING SOFTWARE THE SMART WAY

17.05.2021 | OLIVER BERTUCH

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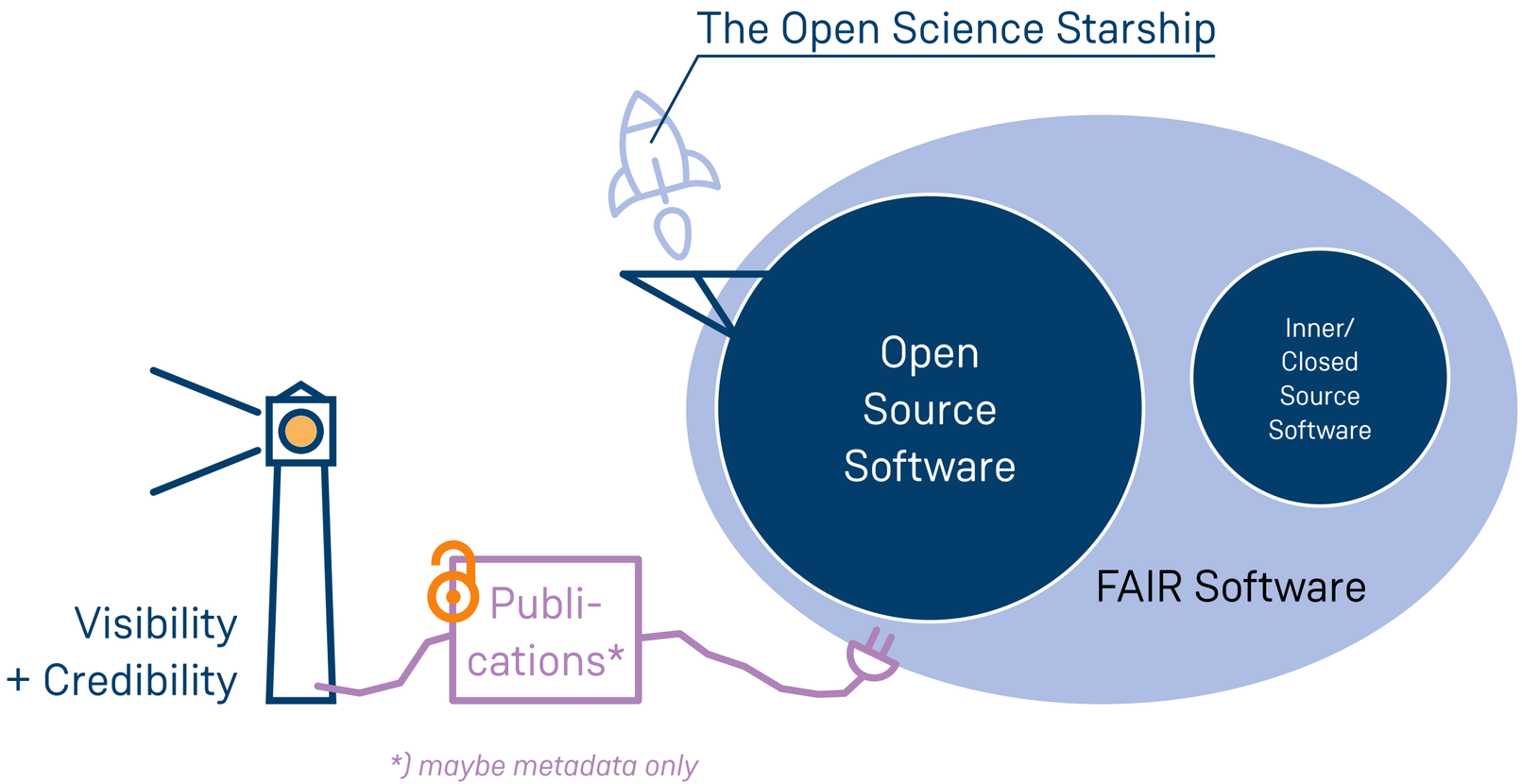
LET'S BE FAIR

for Research Software



STEPS TO TAKE

Common workflow

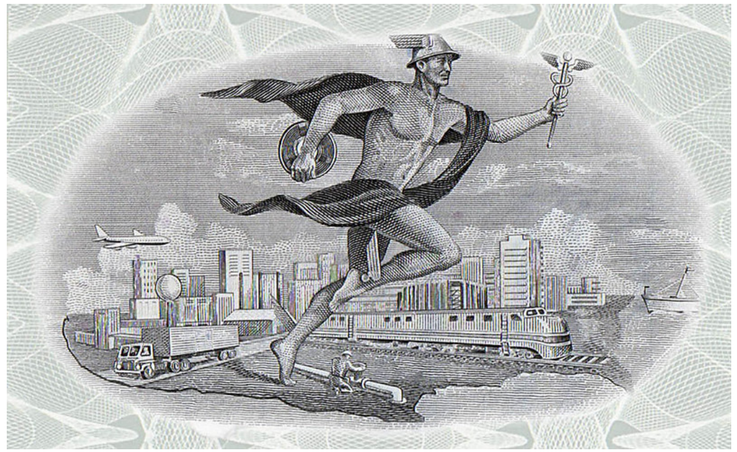
1. Setup version control
2. Develop, develop, develop
3. Done? Tag!
4. Gather metadata
5. Publish
6. Repeat from 2.

Examples

- CodeMeta Generator by SWH
- SOMEF: metadata f. README
- GitHub to Zenodo
- GitLab and Zenodo
- A BagIT pipeline to publish
- And countless others…

LET ANCIENT GODS DO THE HARD WORK

HERMES = *HE*lmholtz *R*ich *ME*tadata *S*oftware publication

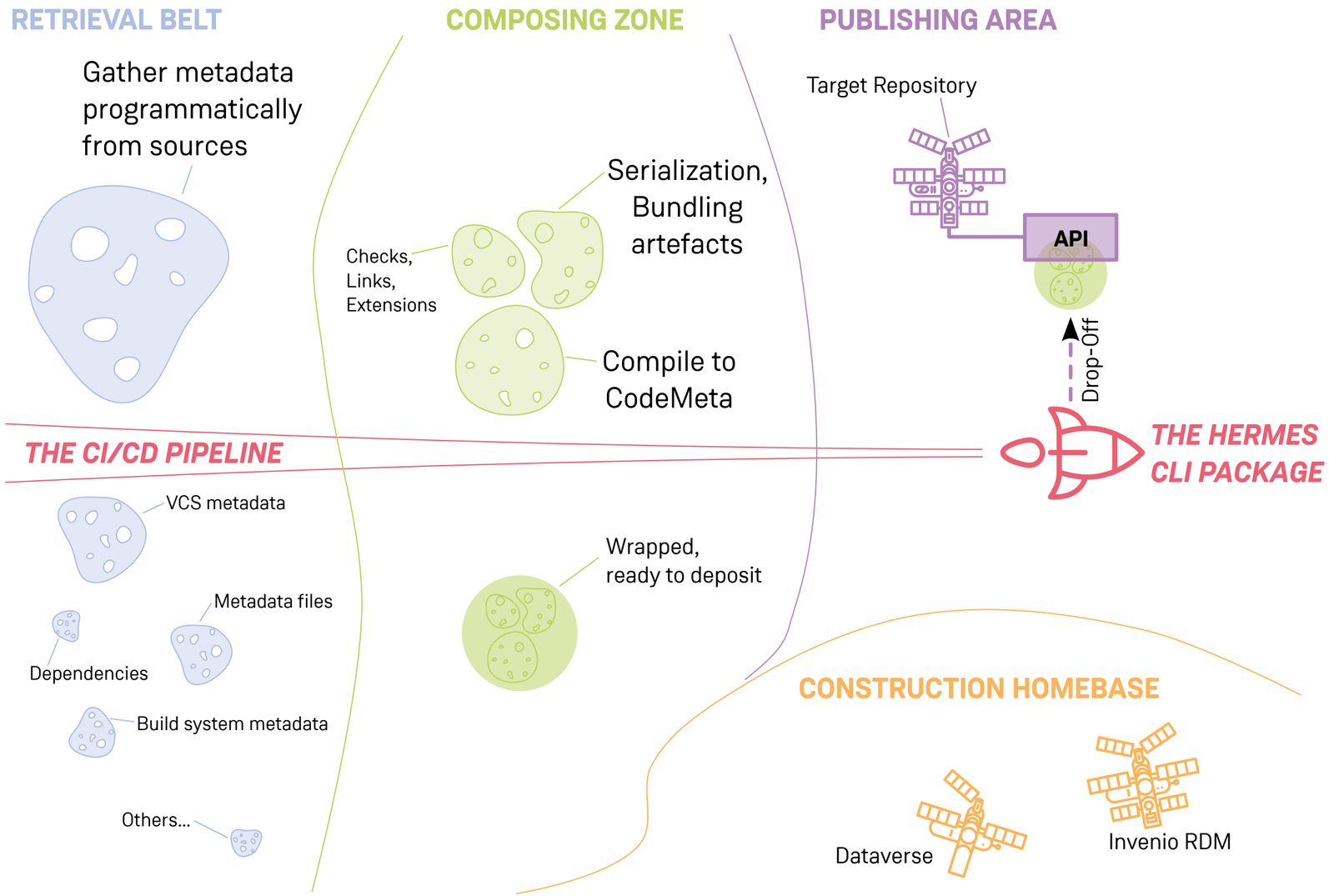


Made by DLR, HZDR and FZJ

Funded for two years by

<HMC> | HELMHOLTZ METADATA COLLABORATION

UNDER THE HOOD



WORK ITEMS FOR DATAVERSE

From proposal

1. Software Licenses Support
   (basing on #7920, introducing SPDX)
2. Software Metadata
   (CodeMeta schema #7877, `resourceType` #7077, …)
3. Extend dataset versioning to support software versions
4. Extend UI and UX to be less dataset-centric

Flexibility

This is quite generic and adaptable to working together.

QUESTIONS?

Thou shall speak now or ~~forever hold your peace~~ get in touch later.

$ whoami

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$ dataverse

- Community member
- Proud maintainer of gdcc/dataverse-kubernetes
- Core contributor

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