

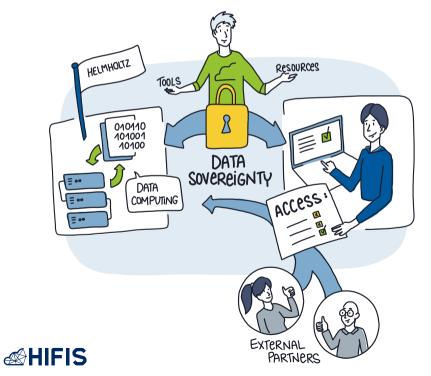
Helmholtz Federated IT Services Empowering scientists with digital services

Uwe Jandt (HIFIS Coordinator) for the HIFIS-Team



Our Vision & Offers Empowering scientists with digital services

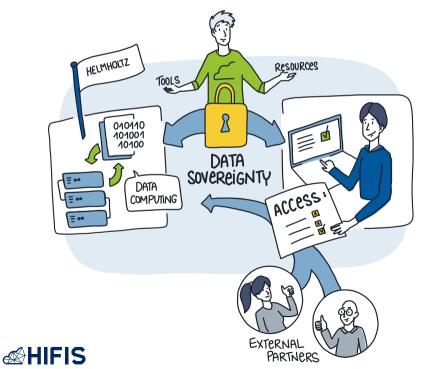
Vision / Mission





Our Vision & Offers Empowering scientists with digital services

Vision / Mission

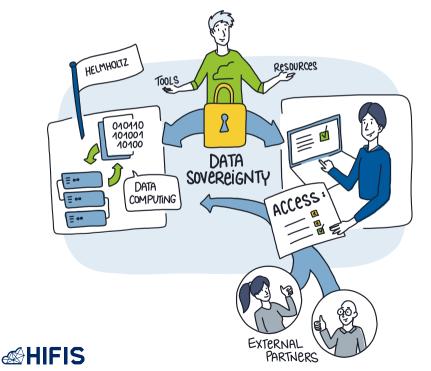


We provide

- Helmholtz Cloud and Helmholtz ID -
 - Single login, cross-organisational access and groups
 - Numerous Cloud Services for Science and beyond

Our Vision & Offers Empowering scientists with digital services

Vision / Mission



We provide

- Helmholtz Cloud and Helmholtz ID -
 - Single login, cross-organisational access and groups
 - Numerous Cloud Services for Science and beyond

Support for good Research Software -

- Know-how: Training, Consulting, Tutorials, Community Building
- Codebase: Technical Infrastructure for Software Engineering

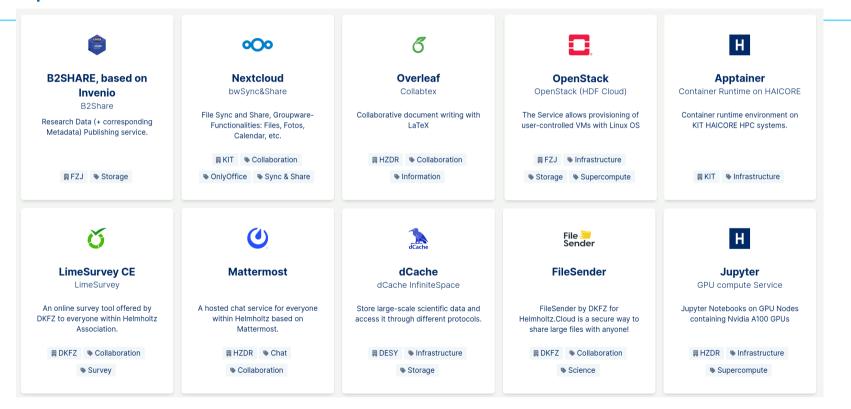
Helmholtz Cloud https://helmholtz.cloud/services -->





Helmholtz Cloud https://helmholtz.cloud/services -->

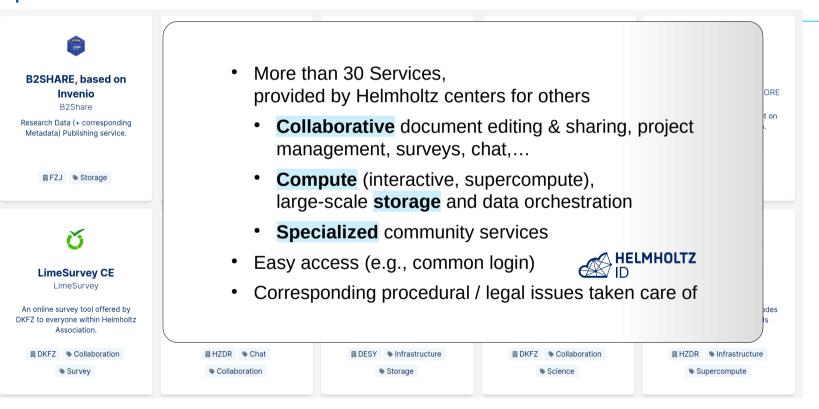






Helmholtz Cloud https://helmholtz.cloud/services -->







Helmholtz Software: Supporting good Software Engineering Education, Mentoring & Community Building

https://hifis.net/courses -->



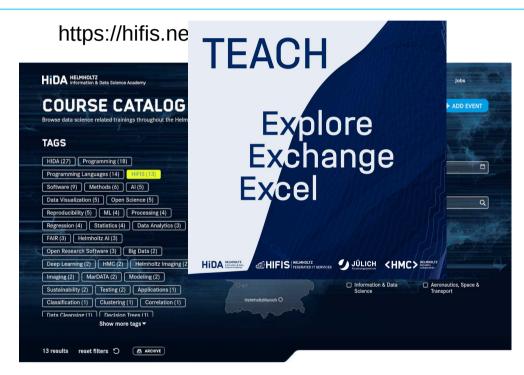
... on python, programming, software development,

\downarrow	First Steps with Python	21 - 23 May 2024
\downarrow	Foundations of Research Software Publication	23 - 24 May 2024
\downarrow	Introduction to Git and GitLab	29 - 30 May 2024
\downarrow	Data processing with Pandas & Data plotting with Matplotlib	12 - 14 Jun 2024
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HELMHOLTZ

See also: Workshop Materials

Helmholtz Software: Supporting good Software Engineering Education, Mentoring & Community Building



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See also: Workshop Materials

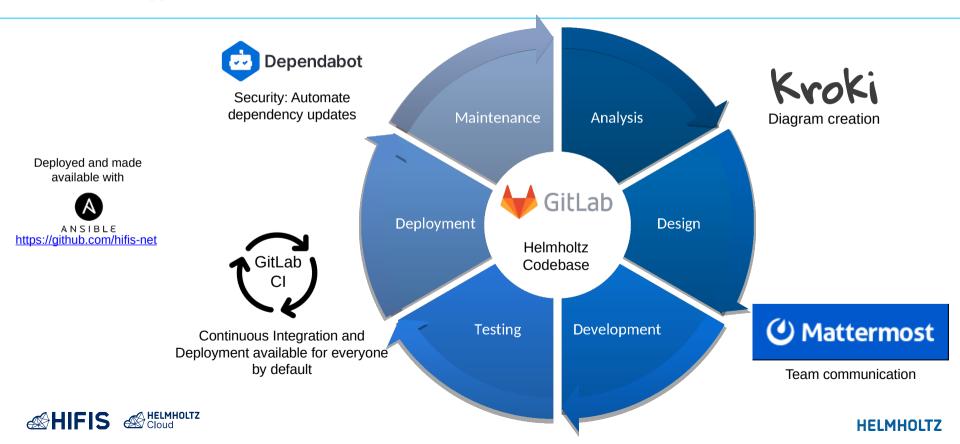
Helmholtz Software: Supporting good Software Engineering Education, Mentoring & Community Building



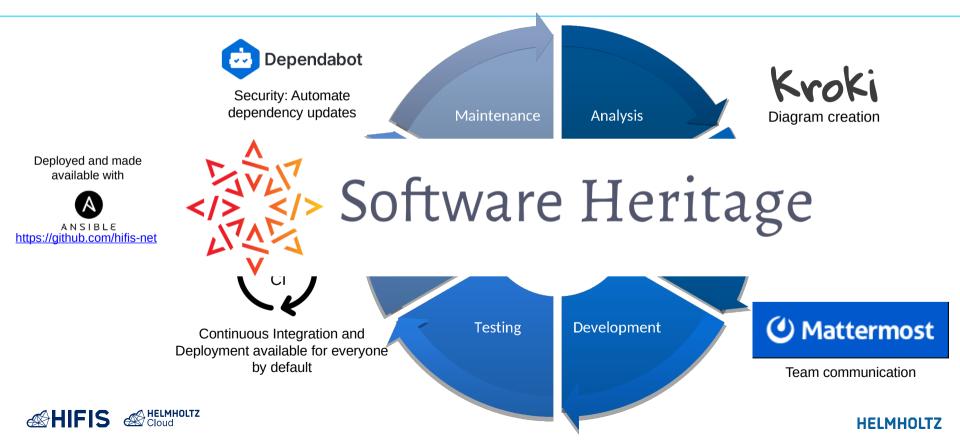
See also: <u>Workshop Materials</u>

HIFIS

Helmholtz Software: Supporting good Software Engineering Technology & Infrastructure



Helmholtz Software: Supporting good Software Engineering Technology & Infrastructure



Research Software Directory Incubator Software Award

• Advertize in:

https://helmholtz.software

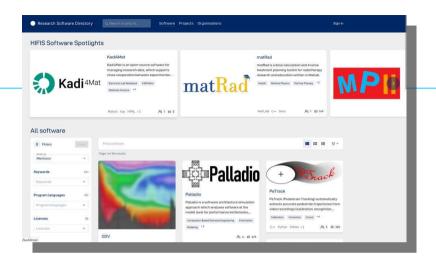
• Promote the development of

professional and high-quality research software

• Recognize the commitment to software as the

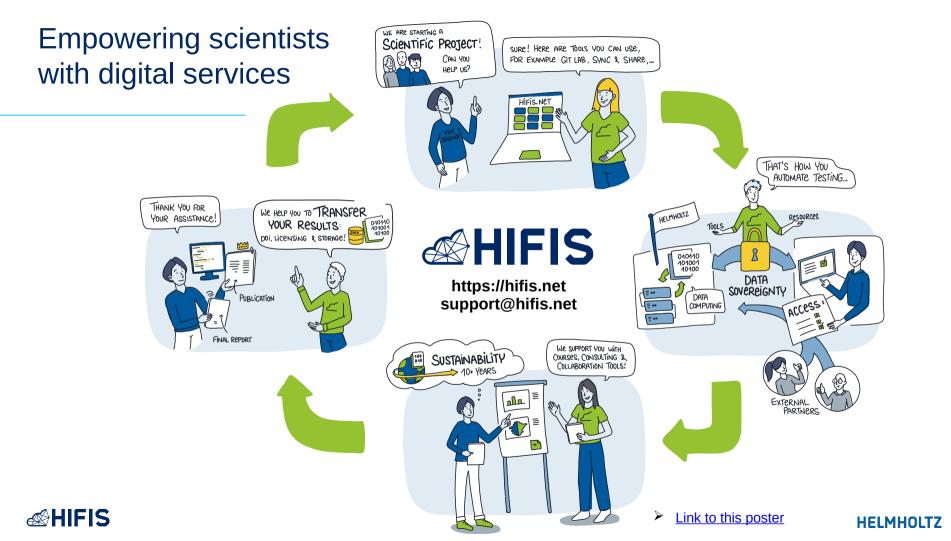
Basis of modern Data Science

- 1st round finished. 2nd round upcoming (July)
- So far three categories:
 - Scientific Originality
 - Sustainability
 - Newcomer

















Thank you!

Want more? See you in breakout sessions!





Breakout Session(s)



Breakout Session(s)

- Open:
 - This presentation (incl spare slides)
 - https://hifis.net
 - https://helmholtz.cloud/services
 - https://hifis.net/courses





Spare Slides



HIFIS

Organization and Management

Organization

- 11 Centers for whole Helmholtz
- 3 competence clusters:

Management

Coordinators:





Procedures & Legal Aspects

Processes

- Management of the service portfolio
- Brokering of (cloud) services
- Coordination and partial operation of User Support

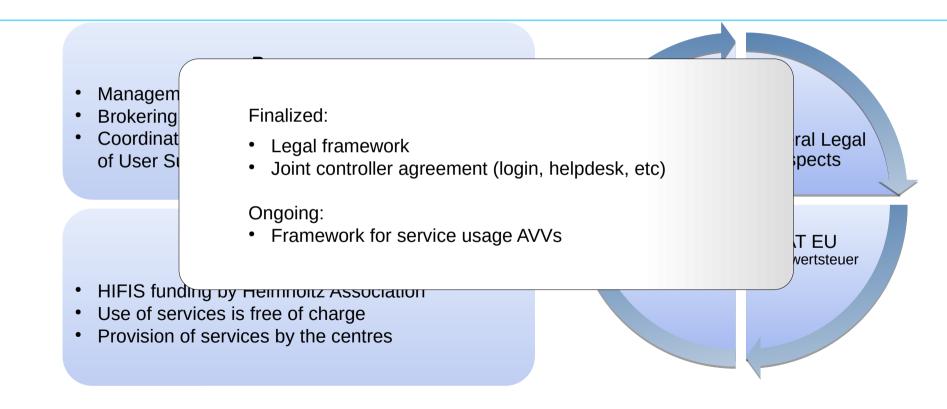
Finance

- HIFIS funding by Helmholtz Association
- Use of services is free of charge
- Provision of services by the centres



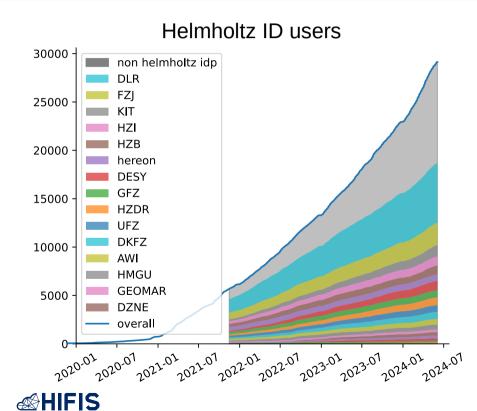


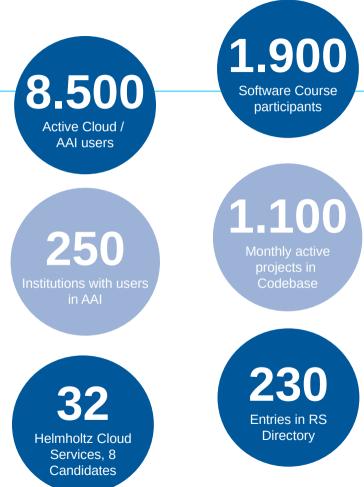
Procedures & Legal Aspects



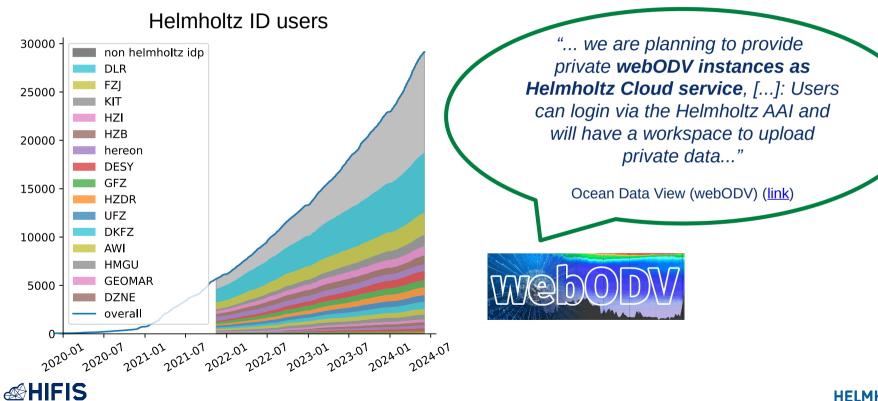


HIFIS Success in a nutshell

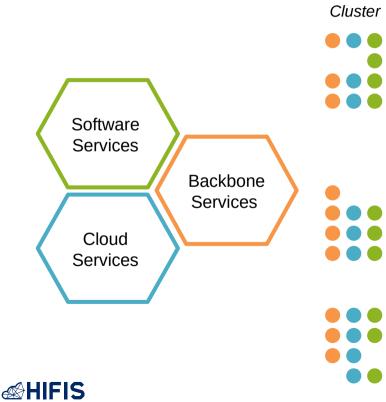




HIFIS Success in a nutshell



HIFIS Activities and Units



Added value for Science

- Facilitate scientific research
- Enable modern Research Software Engineering
- Intensify and expand partnerships
- Single Point of Contact for Helmholtz-wide Digital Services

Collaboration made easy

- Connecting Helmholtz: AAI, Backbone
- Trusted Collaboration Platform
- Consistent Expert Communication Forums
- Simple Access, minimal formalities

Sustainable Services

- Digital Sovereignty
- Resilience and Cyber Security by Redundancy
- Standards for Federated Services
- Synergy by Consolidation of Services