

Image

Knowledge

Gestaltung

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An Interdisciplinary Laboratory

How red tape and other
obstacles are holding
us back

Me

- ▶ leading a IT Team
- ▶ research in citation network analysis
- ▶ everything Open Science

IT Team Services

- ▶ Private Storage Cloud,
- ▶ Container Environment and Virtual Machines,
- ▶ Consulting in Platform & Software Development,
- ▶ Coding & Data Visualization,
- ▶ New-Toys-Setup, First-Level-Support, ...

Cluster of Excellence at Humboldt-Universität zu Berlin

- ▶ 400+ people, 25+ disciplines
- ▶ uncounted collaborations with academia & industry

Instead of an agenda, a list of problems

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► Surveillance Concerns

GitLab documentation of activity is scary for privacy folk

How does the RSE community deal with that?

► Discrimination Concerns

Same money for everyone regardless of skills

Which argument trumps discrimination?

► Software Quality

Would you please come in for a pacemaker reboot?

Using S* for studies because R is open source?

► Reproducibility Issues

code submissions at conferences as container images?!

- ▶ Information Retrieval Problems
 - existing solutions ignored or not found
 - Do RSEs use DIRTdirectory.org, re3data.org, ... ?
- ▶ Responsibility Limited to Projects
 - dev frozen, access to software and data depending on availability of former project members
- ▶ Software Sustainability is Questionable and Questioned
 - due to project & prototype orientation
- ▶ Licensing
 - use of unlicensed code and not licensing published code

- ▶ Authentication Road Blocks

 - local GitLab not open for collaborating developers

- ▶ Development Process Concerns

 - git what? security who?

- ▶ Contractual Issues re Intellectual Property

 - projects can hardly own IP, it's always employer first

- ▶ Cost of Maintenance ignored in Funding

 - Where is the money for hosting your important (abandoned) platform? Project orientation responsible for dumping results.

- ▶ Red Tape

 - Charging other institutions for a (digital) service is nearly impossible due to bureaucratic commercialization overhead

- ▶ I had 1 application for an IT job because I'm not allowed to offer the money I'm entitled to according to the labor union agreement
- ▶ Medical research team wanted an 1 TB internal SSD instead of 6 TB external RAID, because their software miscalculates numbers when writing on a non-local file systems
- ▶ My team touched a project where developers left us a year ago but more functionality required for research

Thanks for the attention! What are your concerns & solutions?

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- ▶ Where should RSEs step in?