

#ResearchSoftwareHour

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<https://researchsoftwarehour.github.io/>

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Research Software Hour is an online stream/show about scientific computing and research software. It is designed to provide the skills typically picked up via informal networks: every few weeks, we do some combination of exploring new tools, analyzing and improving someone's research code, and discussion. Think of it as the "fireside chat" of scientific computing.

Watchers can take part by suggesting ideas, contribute code or problems to discuss on stream, or even joining to directly be a part of the show.

We hope to resume in ~~Spring 2022~~ early 2024.




Upcoming shows

- Working with SSH
- Lessons from starting a RSE group at a university
- How to organize software/data in a new research group
- How to manage code on a research-group level (for

Sessions

We are soon back with more shows at [twitch.tv/RSHour](#).

▶ video archive

- | | |
|------------|---|
| 2021-10-06 | RSH 25: Intro to GitHub
What is GitHub and why would you use it?  |
| 2021-09-08 | RSH 24: Computers for research 101
The essential course that everyone skipped  |
| 2021-05-20 | RSH 23: CodeRefinery workshop questions revisited
Answering/discussing questions from a recent CodeRefinery workshop  |
| 2021-05-06 | RSH 22: Resolving Git conflicts |

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- With **Richard Darst** (Aalto, Finland) and **Anne Fouilloux** (now Simula Research Laboratory, Norway)
- Live recorded (YouTube) and streamed (Twitch)
- Show "skills typically picked up via informal networks"

Remember how you learned about tab completion?

Past topics

- GitHub
- Computers for research
- Git conflicts
- Open broadcaster software
- Data preparation and release
- Shells and terminals
- Zen of scientific computing
- Rust for science
- Debugging
- Containers
- Cluster etiquette
- git-annex
- Conda
- Reproducibility
- Command line arguments
- Packaging
- Testing
- Workflows
- Dependencies
- Code review

Lessons learned

- We wanted big live audience but we did not sufficiently advertise
- No shortage of topics/ideas
- It was an evening and weekend thing
- It is too scary to join with something unfinished

"Watchers can take part by suggesting ideas, contribute code or problems to discuss on stream, or even joining to directly be a part of the show."

- It is effective to have the videos and refer to them when helping researchers

Future: We will probably restart!

- Short sessions
- Idea: **"What do you know now that you wish somebody taught you earlier?"** (guests or survey)
- In each episode we would discuss one of those
- Live record during work time (1 hour preparation time)
- Do better at social media and outreach
- Please get in touch if you find this interesting:
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- These slides: <https://doi.org/10.5281/zenodo.10126375>