Introduction to Containers and Snakemake

Organizers/teachers

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Learning outcomes

- Understand the basic concepts and terminology associated with virtualization with containers
- Customize, store, manage and share containerized environments with Docker
- Use Singularity to run containers on a shared computer environment (e.g. a HPC cluster)
- Understand the basic concepts and terminology associated with workflow management systems
- Create a computational workflow that uses containers with Snakemake

Learning experiences

- Lectures
- Poll questions
- Exercises

Question 1-4

Communication

• Course website:

https://sib-swiss.github.io/containers-introduction-training/

- Slack
- Google docs

Introduction round

- Current job/study
- Why you are joining this course