A National Platform for Open, Reproducible Science

Innovative & Collaborative

Galaxy SWISS+

Democratizing Computational Research in Switzerland

2nd AstroORDAS Workshop and ACME WP4 Meeting

08-12 December 2025, EPFL

The Challenge

- Swiss computational resources and databases remain fragmented across disciplines.
- Complex pipelines require specialized expertise.
- Reproducibility remains a major challenge in modern science.

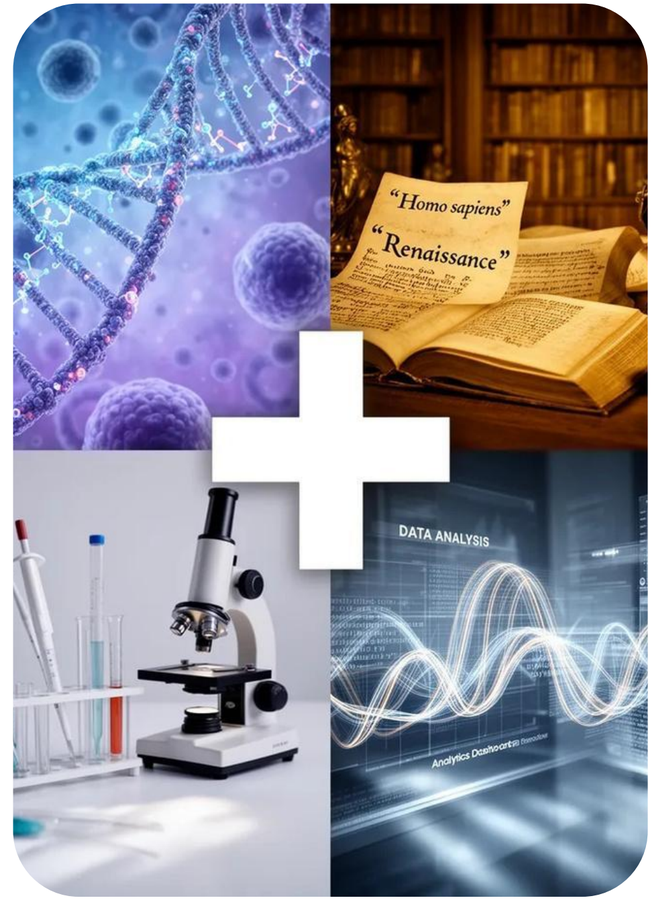
Galaxy

Data Intensive *analysis* for everyone

- **Data Analysis** platform
- Web-based
- **Easy** to use
- **Free** and Open Source
- Many tools (>10,500 in the Galaxy Tool Shed)
- Popular (>13,000 publications)
- Extensive tutorials available

Homepage: galaxyproject.org

The Vision



Connecting Disciplines Through Open and Reproducible Science

01 Unified Platform

02 Data Sovereignty Model

03 Reproducibility Network

04 Scientific Impact Position

05 Swiss-Hosted

06 Collaborative Highlights

07 Community-Driven Highlights

Partners & Collaborators

swissuniversities

ETH zürich

Universität Basel

UNIVERSITÉ DE GENÈVE

Unil.

DaSCH
Swiss National Data and Service Center for the Humanities

SIB
Swiss Institute of Bioinformatics

Switch

usegalaxy.ch

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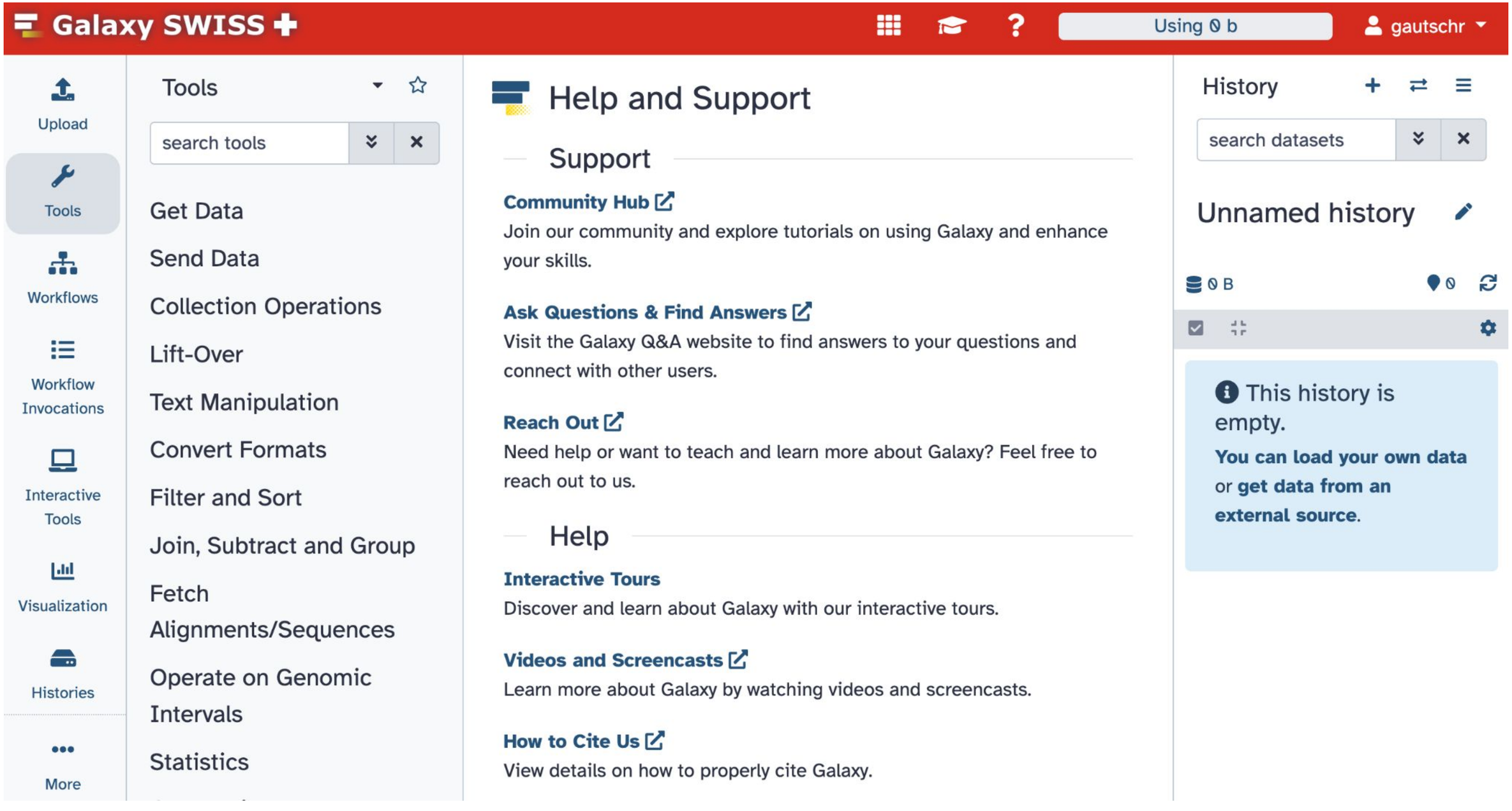

Communication

- Our mailing list provides updates about our events and activities.
- The mailing list **galaxy-ch@sympa.ethz.ch**, hosted at https://sympa.ethz.ch/.
- Manage the subscription by the link: **https://sympa.ethz.ch/sympa/subscribe/galaxy-ch**.