Community-Driven Training for Biological Data Analysis with the Galaxy Training Network

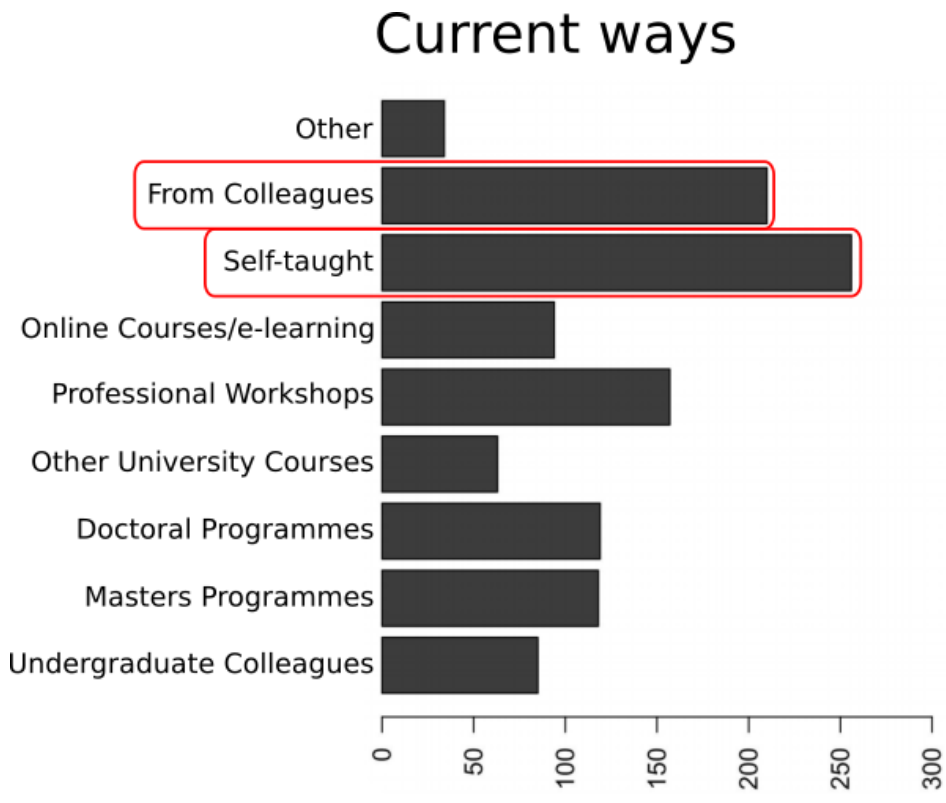
Picture from Bérénice Batut - Icons from the Noun Project and Flaticon

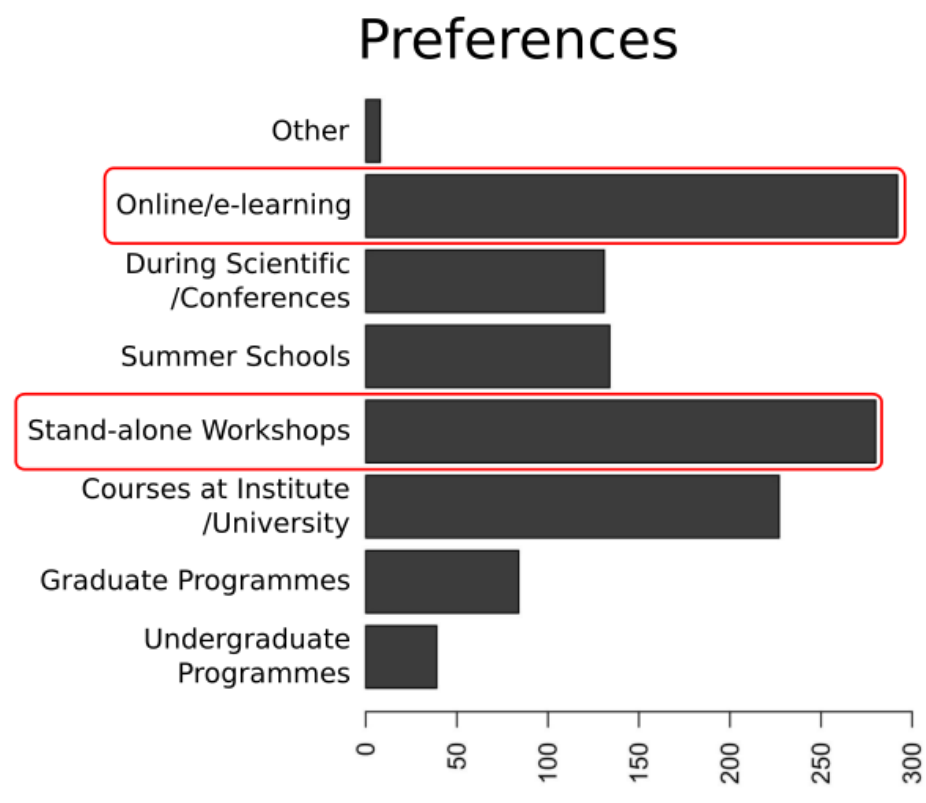
Bérénice Batut

CarpentryCon - May 2018

Need and demand for bioinformatic training

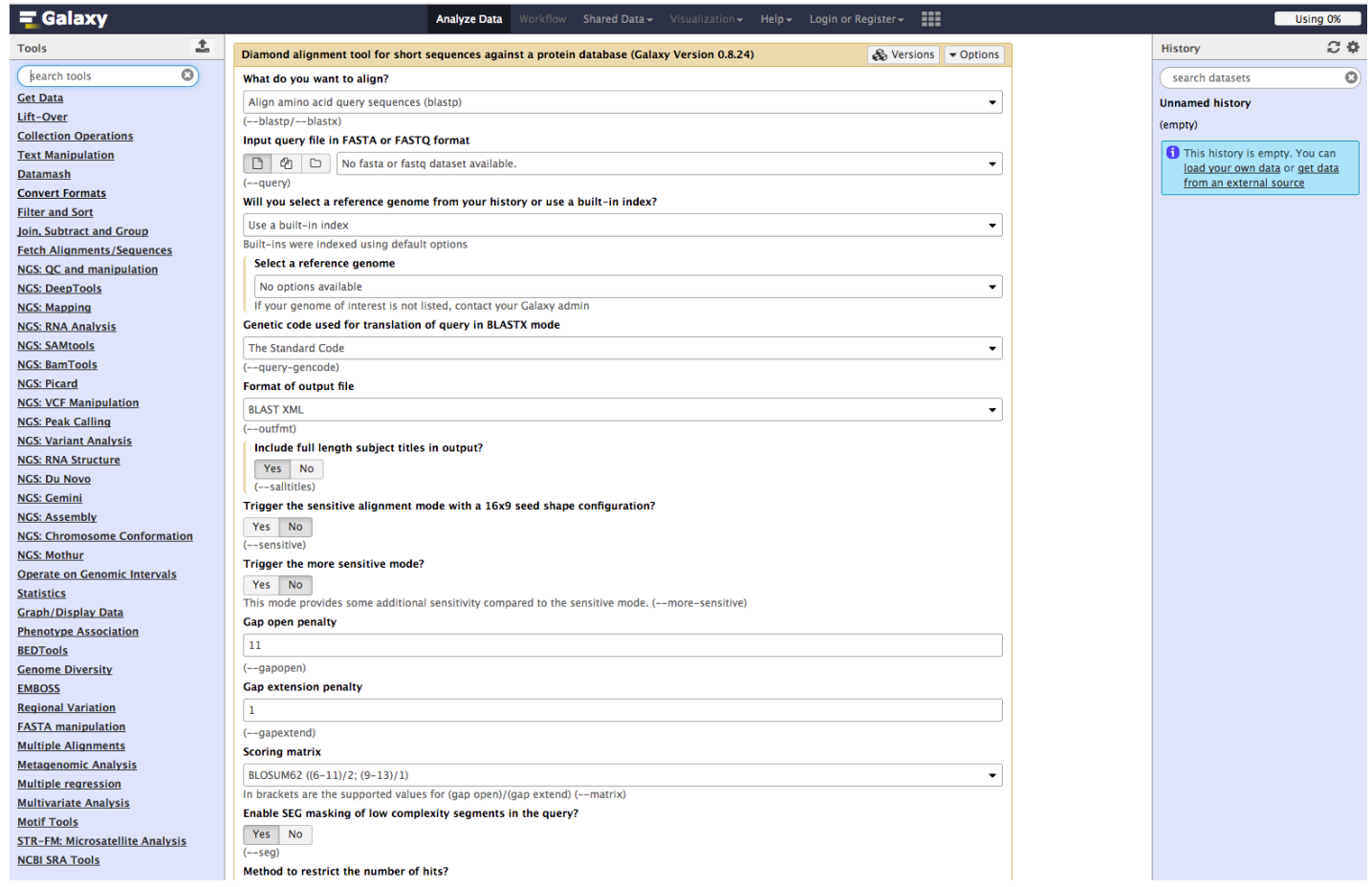
Bioinformatics has become too central to biology to be left to specialist bioinformaticians





Graphs of Brazas et al, 2017

Galaxy: a great solution !

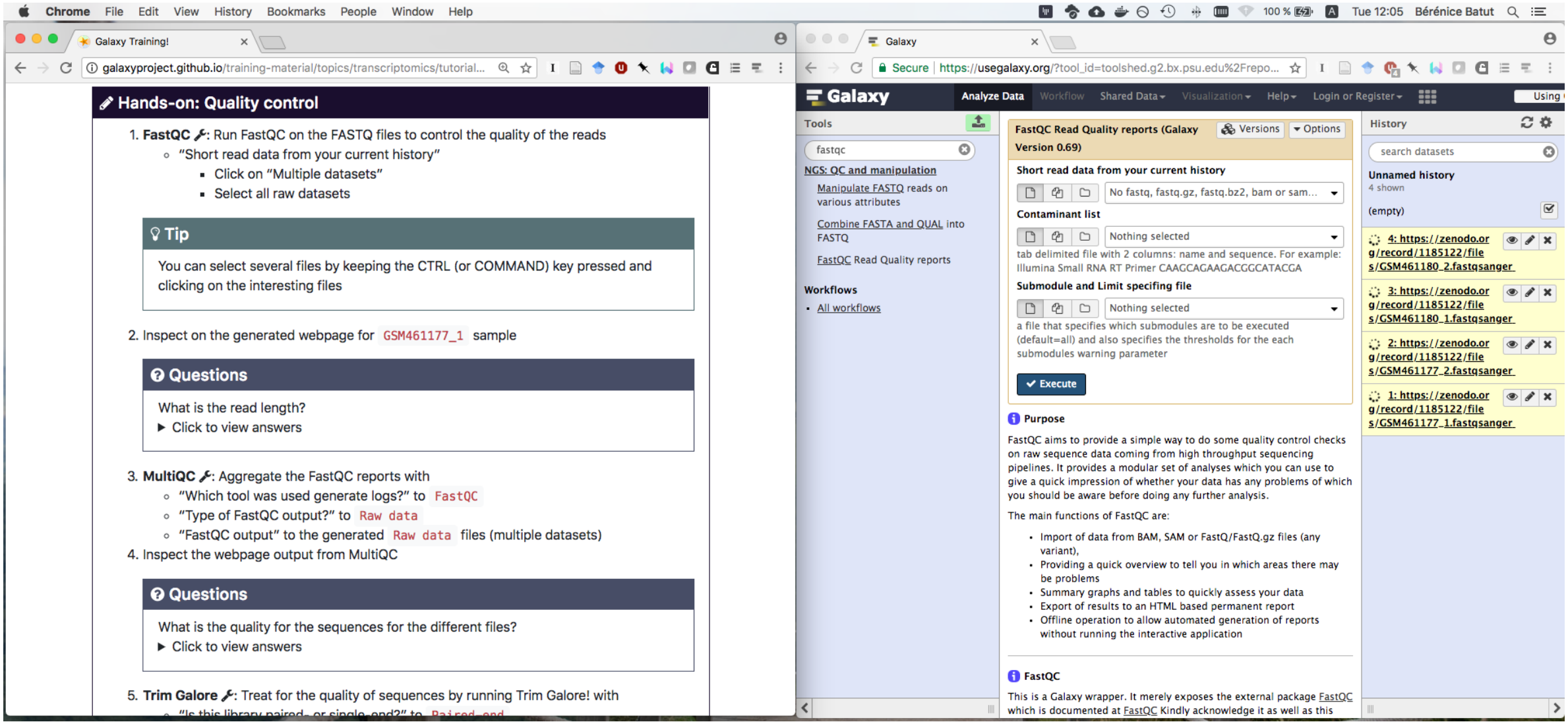


- Web interface for numerous bioinformatics tools
- No issue with computer configuration during training

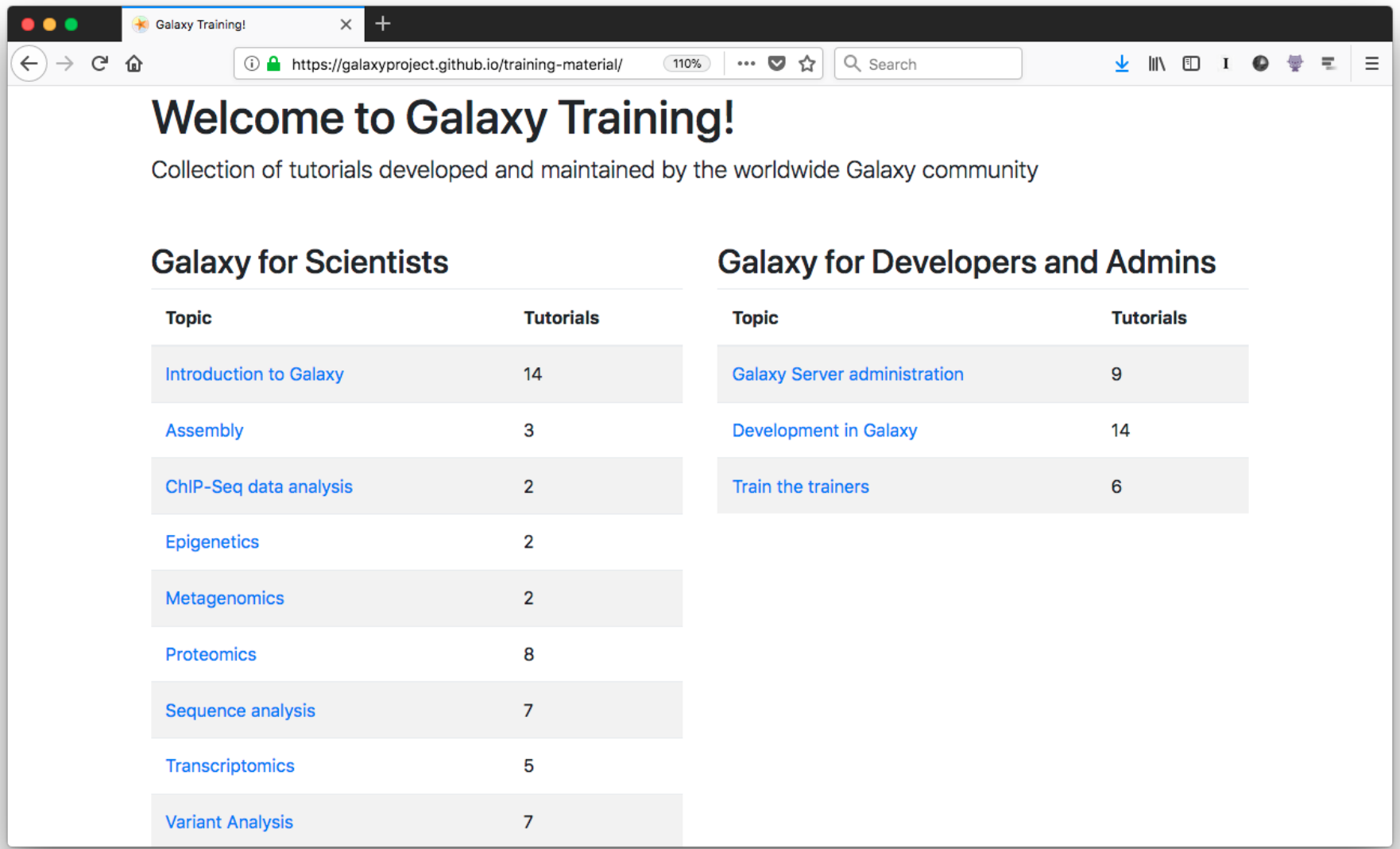
Requirements for an effective training infrastructure

- Interactive learning platform
- Support for current research problems
- Usable for effective training for individual users & instructors
- Community driven (content creation and maintenance)
- FAIR (Findable, Accessible, Interoperable, Reusable) and Open

Interactive learning via hands-on tutorials built around a ”research story”



Online training material covering many topics



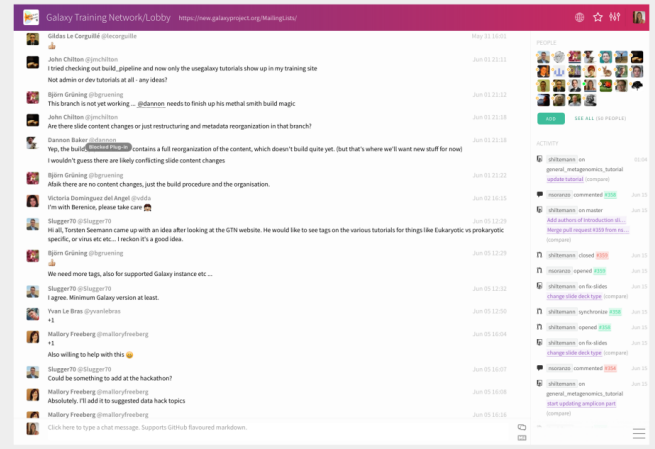
https://training.galaxyproject.org

Community-driven

A growing community

>70 contributors!

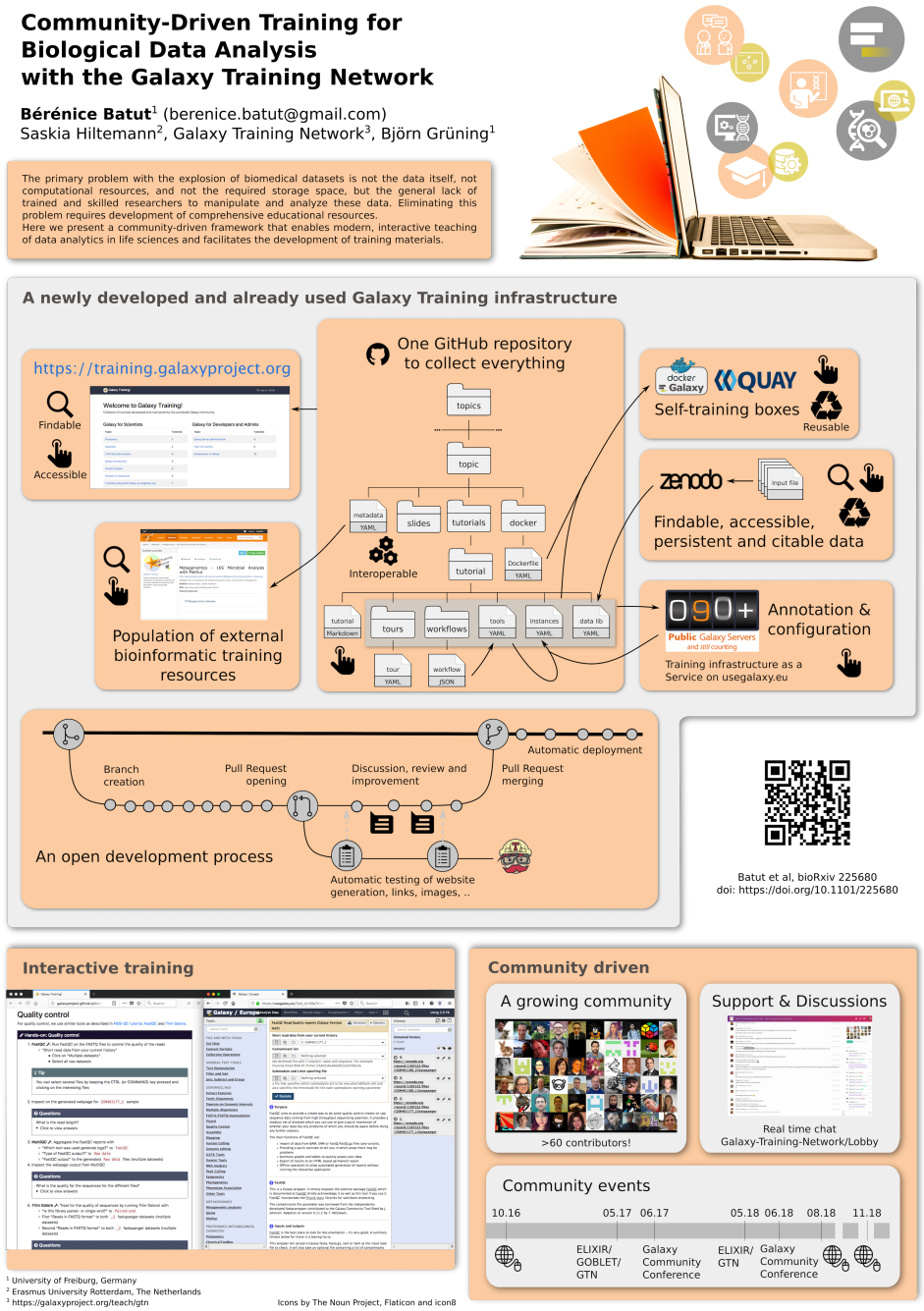
Support & Discussions



Real time chat
Galaxy-Training-Network/Lobby

Community events

Thank you!



Rχ Community-driven data analysis training for biology

training.galaxyproject.org

github.com/galaxyproject/training-material