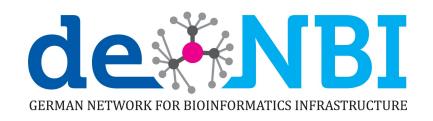
Galaxy Basics

Dilmurat Yusuf, Bora Uyar Dan Munteanu, Ricardo Wurmus BMSB Galaxy Server



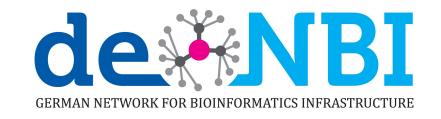


The format of the course

- Introduction of basics (Dilmurat Yusuf)
- Introduction of workflow (Bora Uyar)
- Learning-by-doing

BIMSB Galaxy Server

https://galaxy.mdc-berlin.net/ Contact: galaxy@mdc-berlin,de

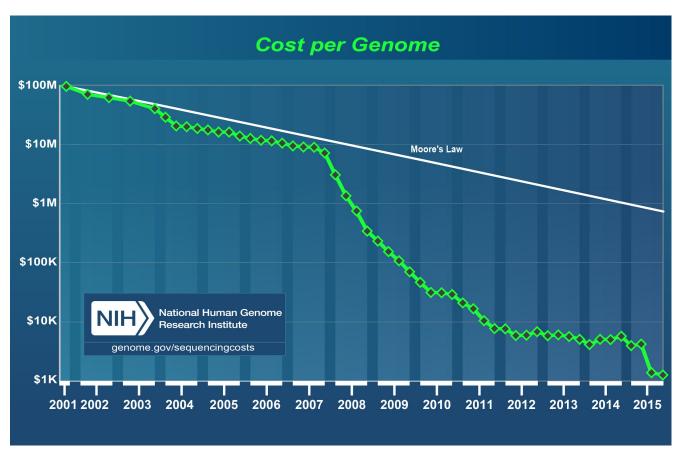




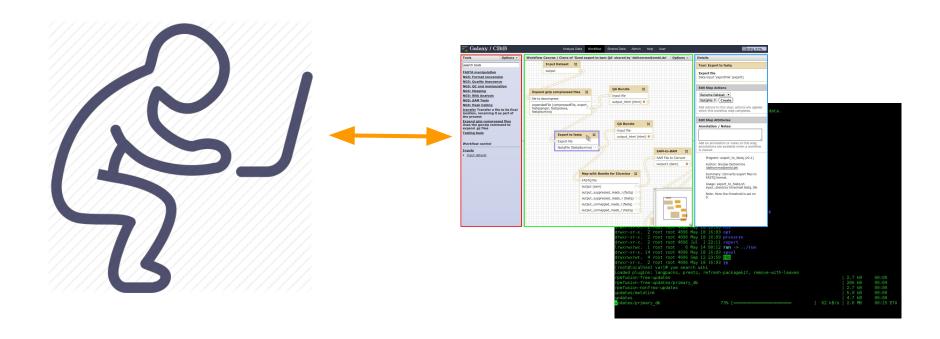
Our roles

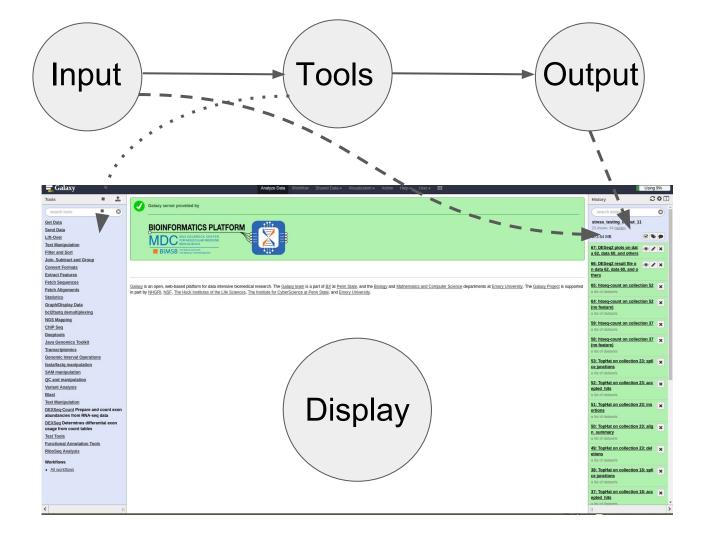
- Bioinformatics researchers
 - Part of BMSB bioinformatics platform
- Galaxy administrators
 - Maintenance
 - Training
 - Help desk
 - Online forum (under development)
 - Dedicated walk-in hours
 - Well... we are not the IT guys

Cheap data



Galaxy

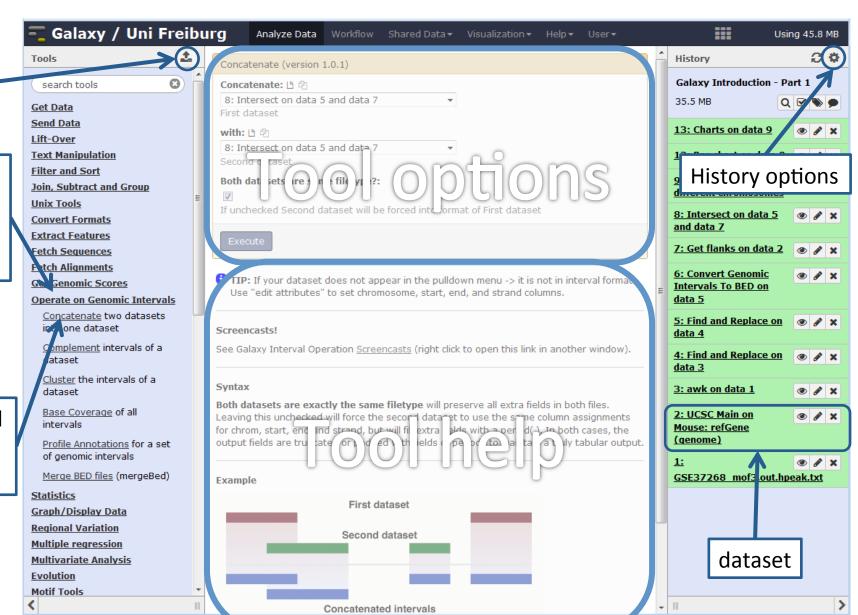




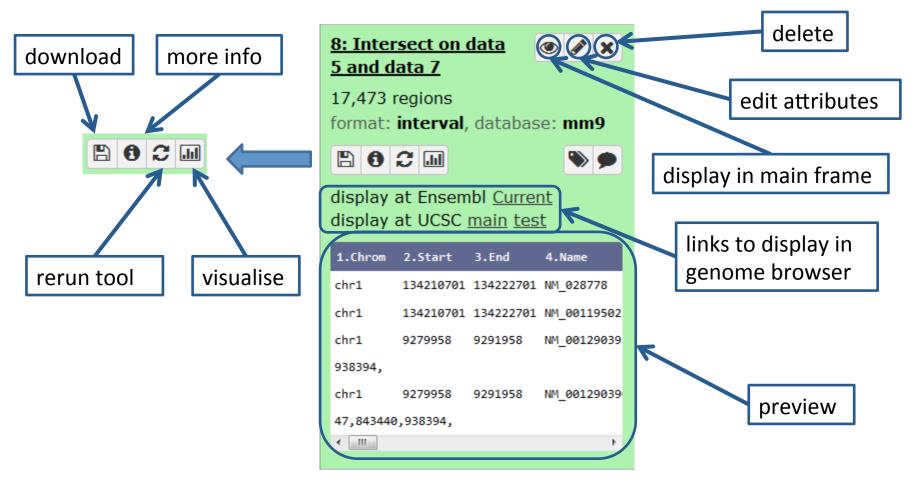


Click category name to expand

Click tool name to use



Datasets

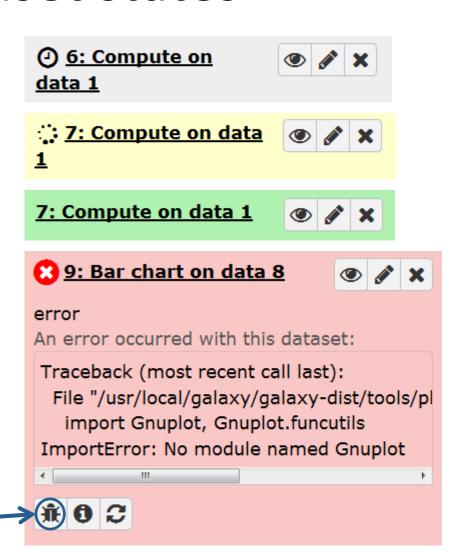


Click dataset name to expand

Dataset states

- Waiting to be run
- Running
- Successfully finished

Failed

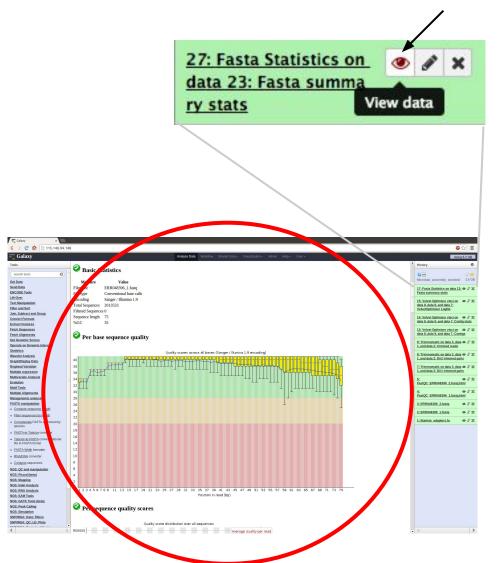


Send bug report

Viewing data / tool output

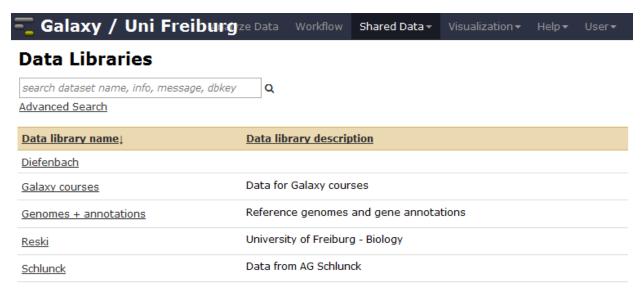
View data in centre

- Click on the "eye" symbol on a data file
- Its contents appear in the centre

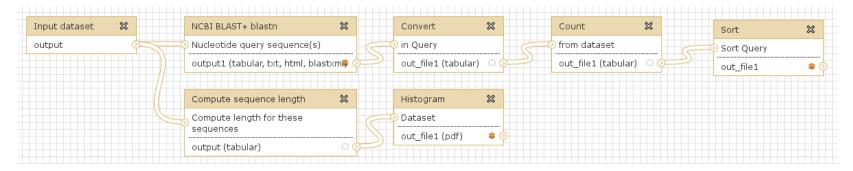


Data Libraries

- Top menu -> Shared Data -> Data Libraries
- Access restricted by permissions
- Deposit for generally useful data
- Place for sharing



Workflows



- Automate repeating analysis
- Help to stay organized
- Share them
- Use other people's (e.g. ones we provide you)

Warnings

- Watch your disk usage!
- For some tools or tasks it's perfectly normal to run for a day or more



You cannot upload data > 2 GB through your browser