

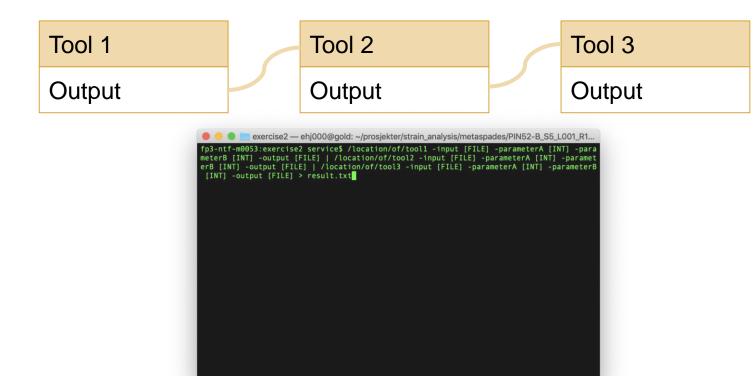
Demo: Importing, creating and modifying workflows in Galaxy



Erik Hjerde

Galaxy is a workflow manager with a graphical user interface

Workflows in Galaxy are strings of tools connected in the correct order so that the output from one tool becomes the input for the next tool







### Live demo – feel free to join

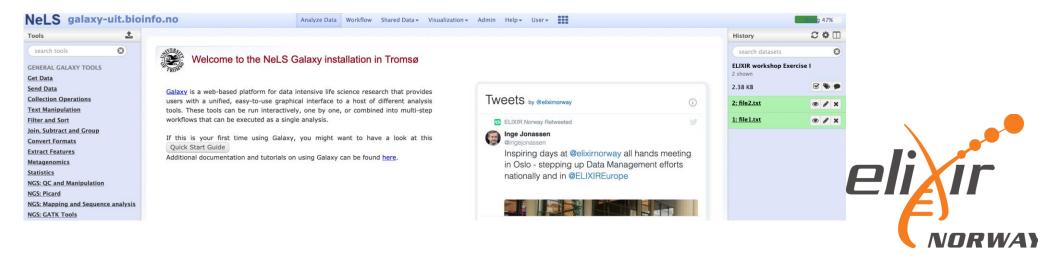
Finding existing workflows in Galaxy

Modifying workflows in Galaxy

Sharing workflows in Galaxy

Constructing new workflows in Galaxy

Running workflows in Galaxy

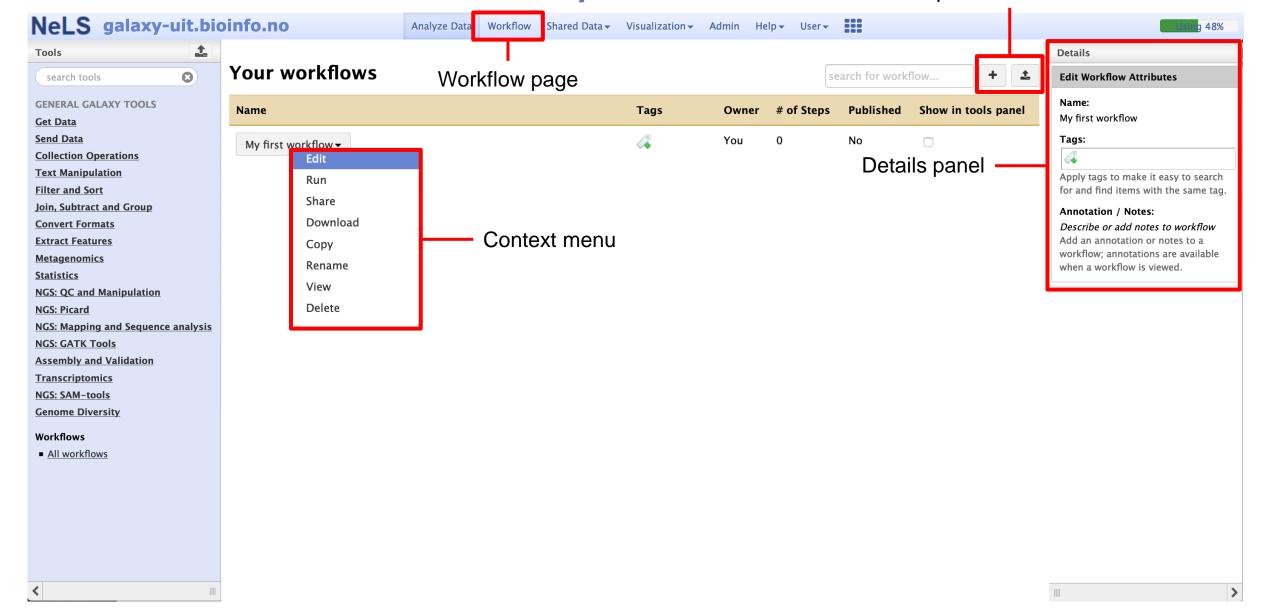


The remaining slides are repetition of the most important things from the demo for later use when you go home and have forgotten everything you learned to

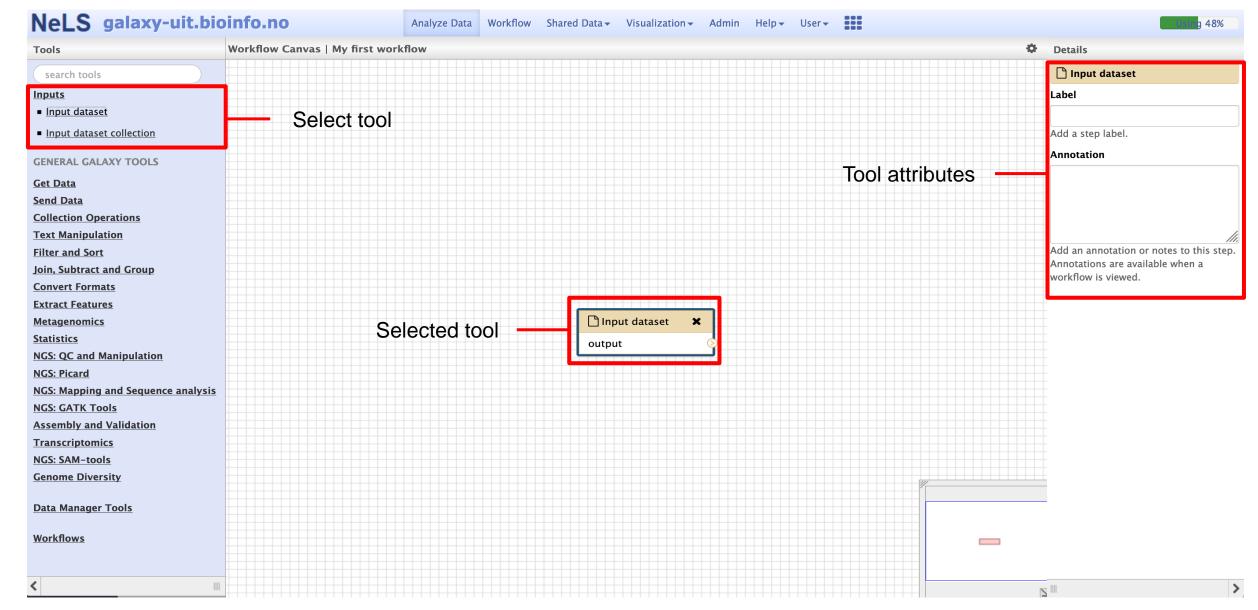


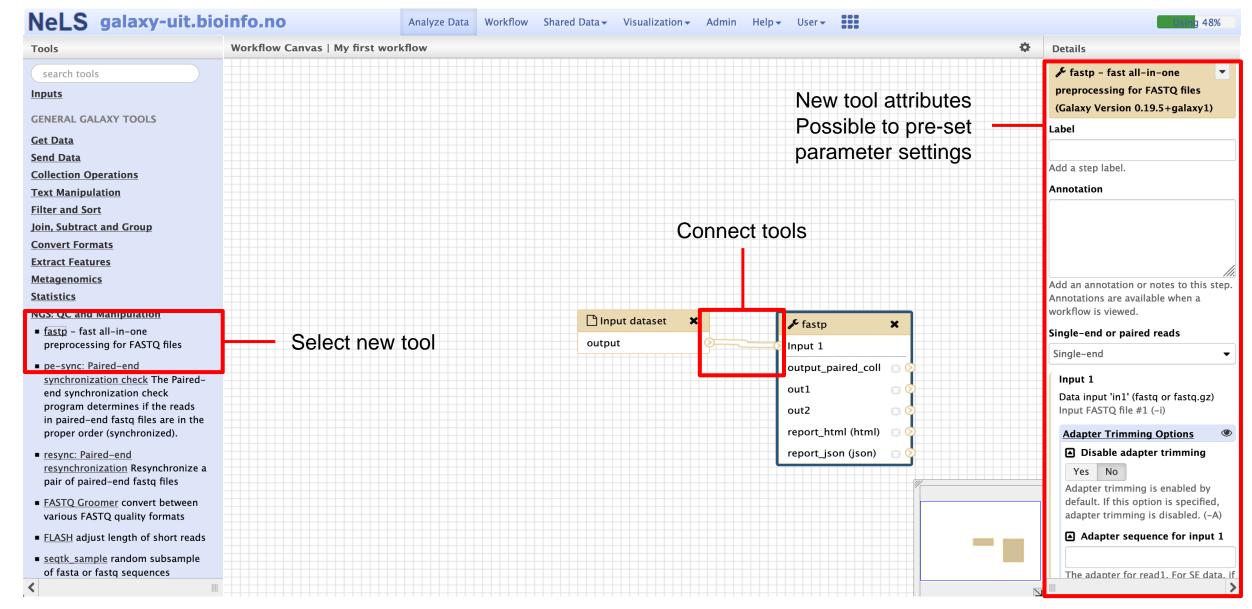


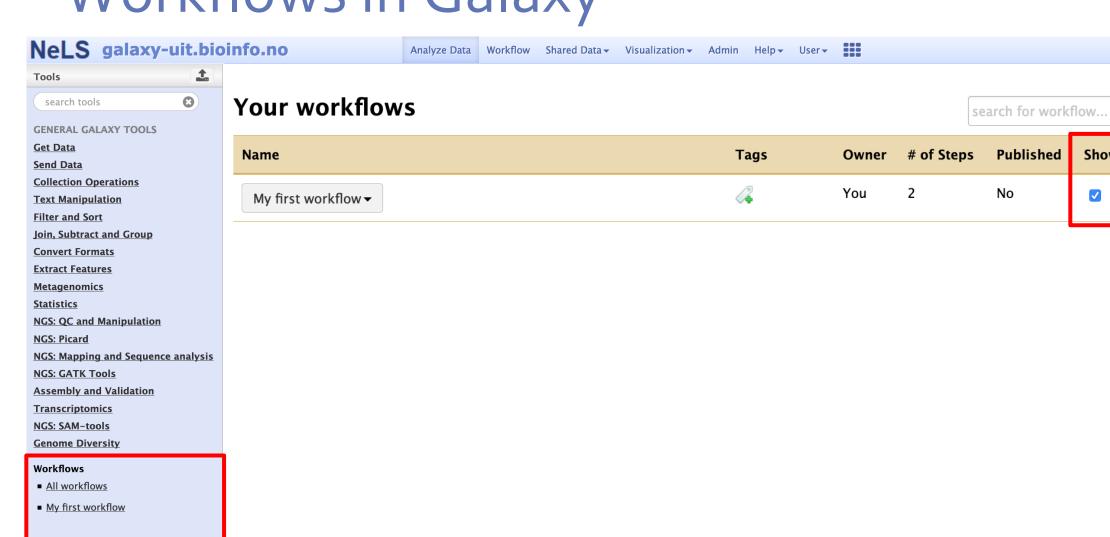
Create, import or upload a workflow













g 48%

+

Show in tools panel

**✓** 

## Sharing a workflow in Galaxy

NeLS galaxy-uit.bioinfo.no

Analyze Data Workflow Shared Data → Visualization → Admin Help → User →

Go back to Workflows List

#### Workflow ' My first workflow'

#### Share

This workflow is currently restricted so that only you and the users listed below can access it.

Make Workflow Accessible via Link

Generates a web link that you can share with other people so that they can view and import the workflow.

Make Workflow Accessible and Publish

Makes the workflow accessible via link (see above) and publishes the workflow to Galaxy's Published Workflows section, where it is publicly listed and searchable.

You have not shared this workflow with any users yet.

Share with a user

#### **Export**

Download workflow as a file so that it can be saved or imported into another Galaxy server.

This workflow must be accessible. Please use the option above to "Make Workflow Accessible and Publish" before receiving a URL for importing to another Galaxy.

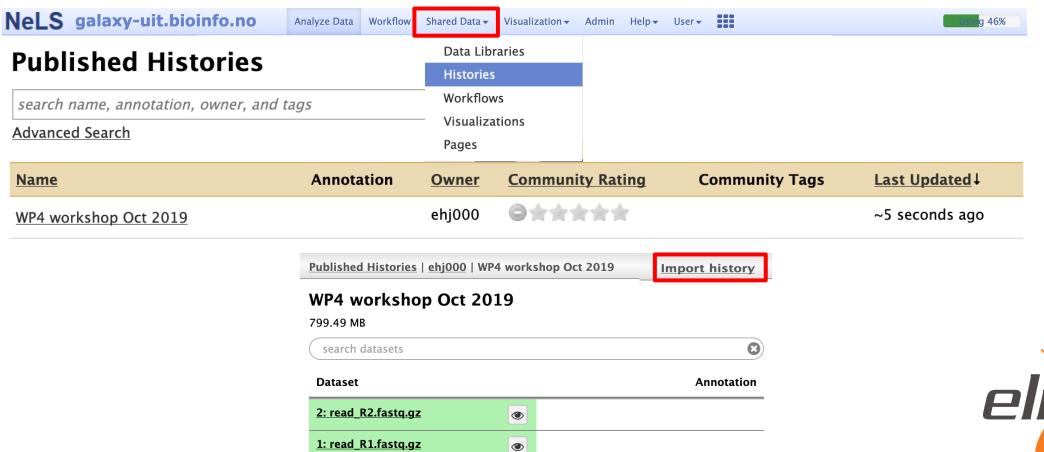
Create image of workflow in SVG format

Export to the www.myexperiment.org site.

#### myExperiment username: •••<u>•</u> username myExperiment password: 4 password Export to myExperiment

## Import shared history

Histories shared by other users can be copied into your history





#### Accessing the documentation

The documentation in Pages can accessed by users under the "Pages" tab





### Accessing the documentation

The description of the workflow including an embedded overview is available

