

# Galaxy and Training

## 2019 updates from the Galaxy Training Network

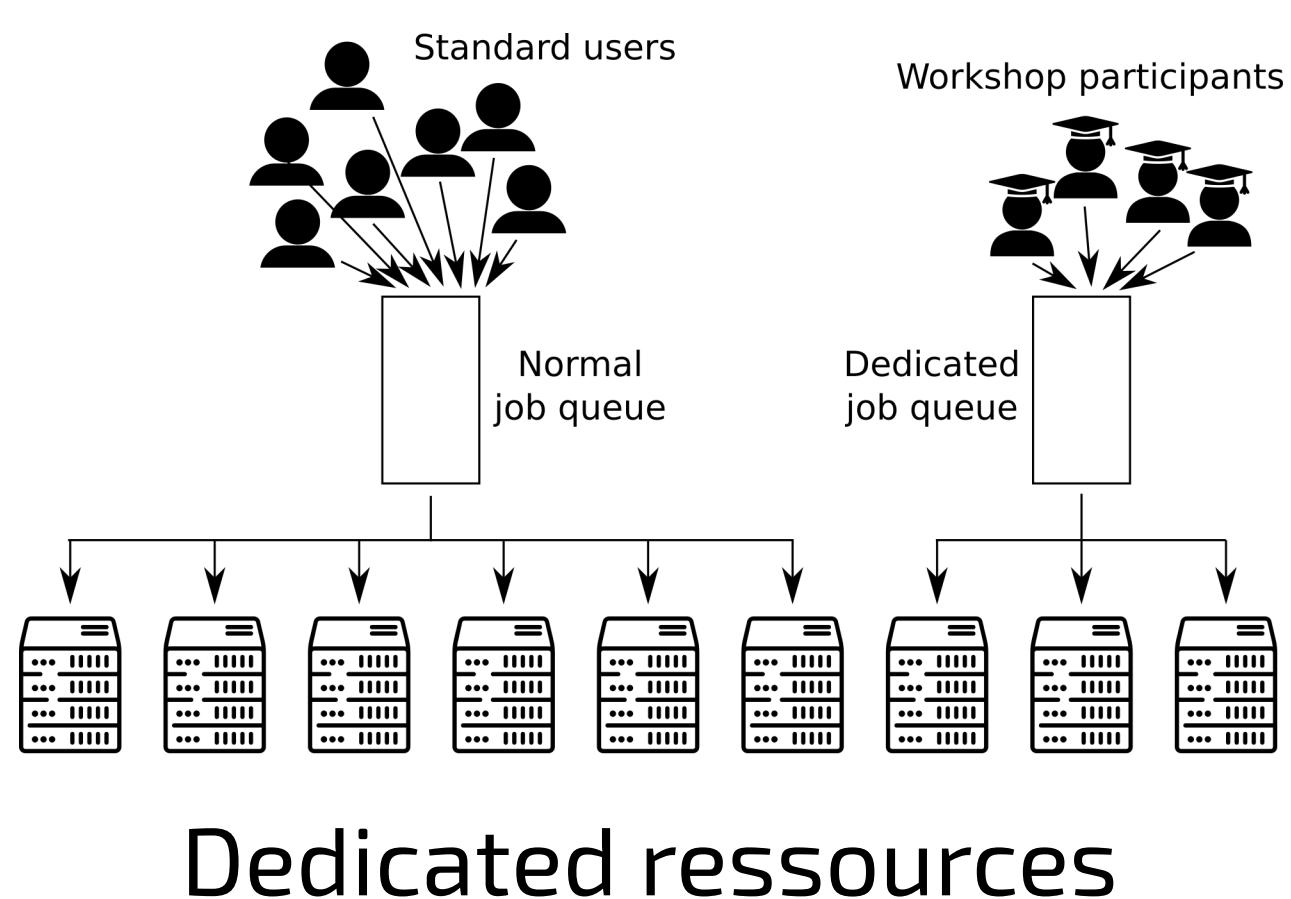
Bérénice Batut (berenice.batut@gmail.com)

Saskia Hiltemann, Helena Rasche, Subina Mehta, Pratik Jagtap, Praveen Kumar, Timothy Griffin, Dave Clements, over 120 other GTN contributors, Björn Grünig

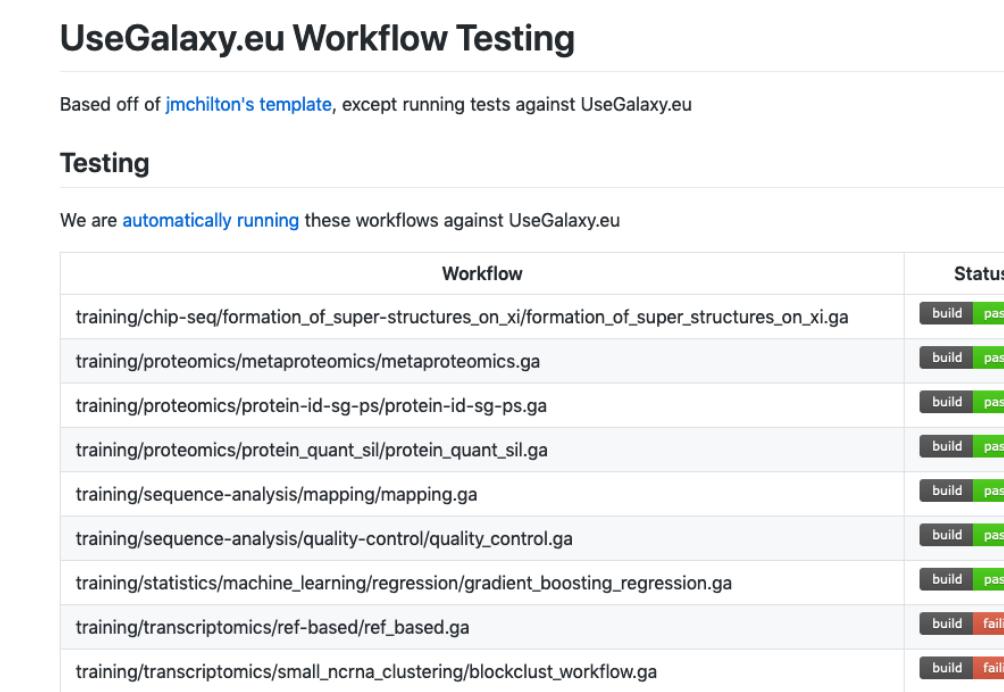


60+ trainings • 1,200+ participants

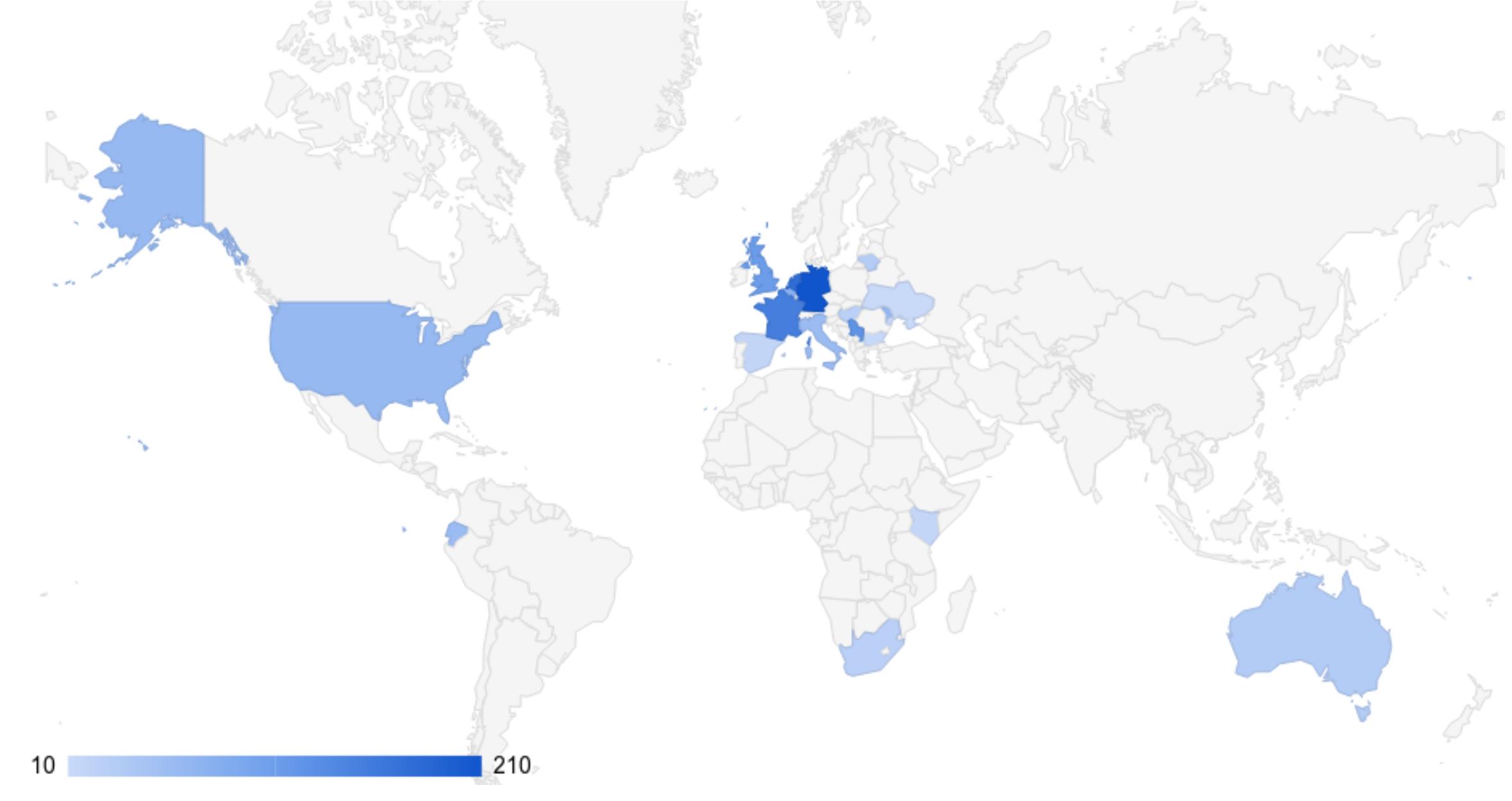
= Galaxy + Training =  TlaaS



Status dashboard



Automated workflow testing



# of people trained per country

18 topics • 140+ tutorials • 120+ contributors

## New content

**4 new topics:** Metabolomics, Computational chemistry, Data manipulation, User Interface and Features  
**66 new tutorials:** 16 tutorials for new topics, migration of 23 admin tutorials, 27 new tutorials in existing topics  
**Many updated tutorials**

## Features for users

A screenshot of the Galaxy Training website. It shows a search engine interface, a 'Levels' section with a dropdown menu for different languages (FR, JA, ES, PT, AR), an 'Automatic translation' feature with a progress bar, a 'Table of content' section with a 'Key points' summary, a 'Learning path' section with a 'Congratulations' message, and a 'Direct feedback form' section where users can submit GitHub issues for feedback.

## Support for instructors

### Teaching and Hosting Galaxy training

Galaxy is a great solution to train the bioinformatics concepts: numerous bioinformatics tools are available (almost 5,000 in the ToolShed), it can be used by people without any computer science skills, it trains to use technology, outlining available resources and efforts that have made them accessible to researchers, it is scalable. The Galaxy community via the Galaxy Training Network supports instructors and workshop organizers using a series of recommendations (tutorials below) and regular discussion meetings. You can additionally [read about our training philosophies](#).

### Material

A list of training material sections: 'Organizing a workshop', 'Running a workshop as instructor', 'Set up a Galaxy for Training', and 'UseGalaxy.eu's Training Infrastructure as a Service'. Each section has a 'Slides' and 'Hands-on' link.

### Training Philosophies

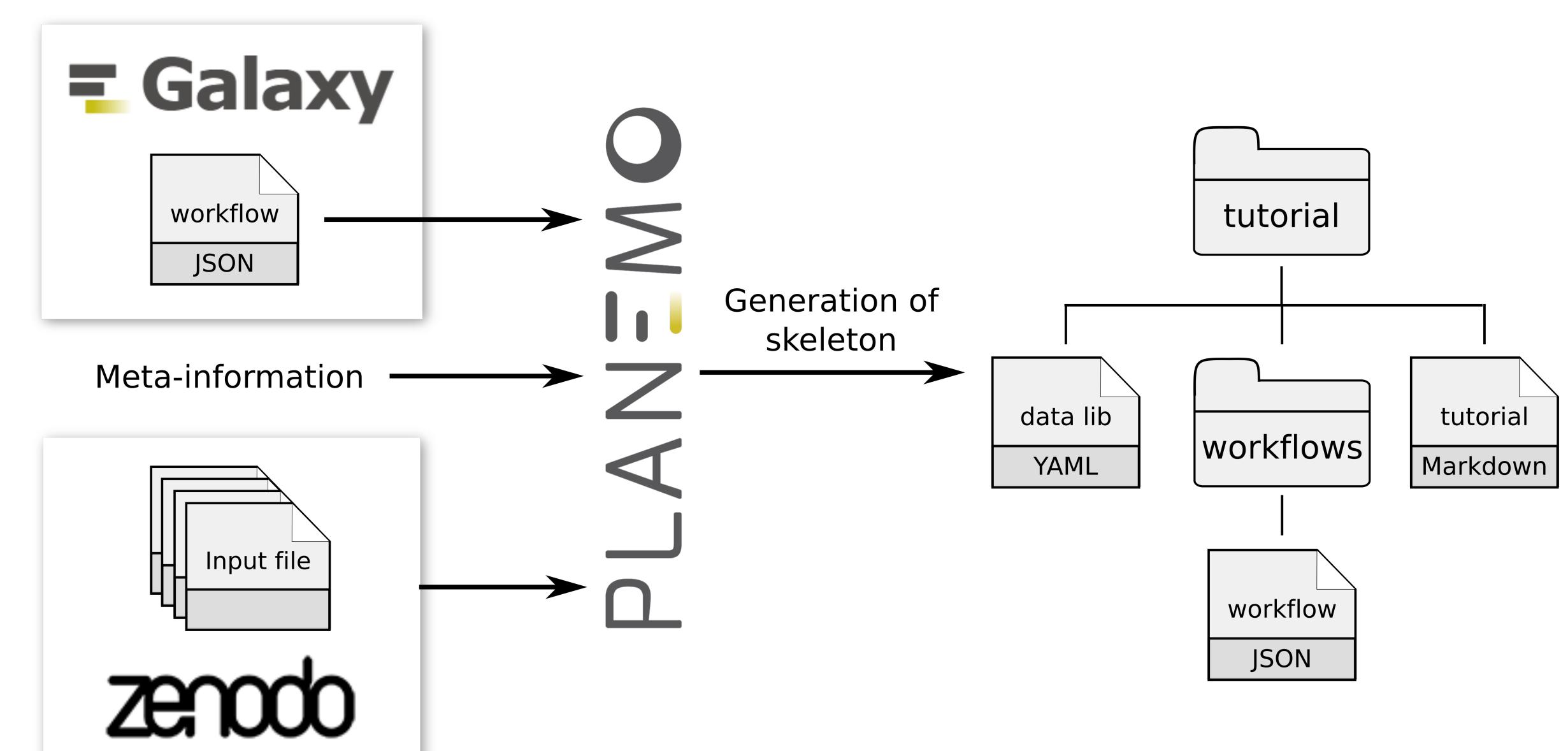
We all teach in different ways, share your training philosophy and help other instructors find the way that is best for them!

### Bérénice Batut

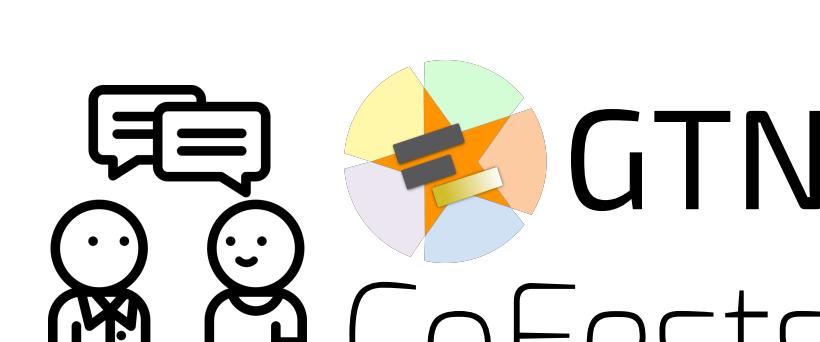
When I am giving a training using Galaxy (e.g. ref-based RNA-seq), I usually give a 10-20 min introduction to RNA, RNA-seq using the slides that in the transcriptomics topic.

Then I switch to the tutorial, I show the participants where to find the tutorial on the training material website, I introduce the tutorial story: explain that we want to reproduce an analysis from a paper, introduce this paper, talk about the datasets/samples we will use.

## Training Development Kit



## Community



Online, every 3 months

46 new contributors

### Maintainers

This material is maintained by:

Yvan Le Bras, Bérénice

For any question related to i

### Contributors

By: Anna Syme, Torsten Seemann, Simon Gladman

Better visibility for contributors

[training.galaxyproject.org](http://training.galaxyproject.org)