

# Building an open, collaborative, online infrastructure for bioinformatics training

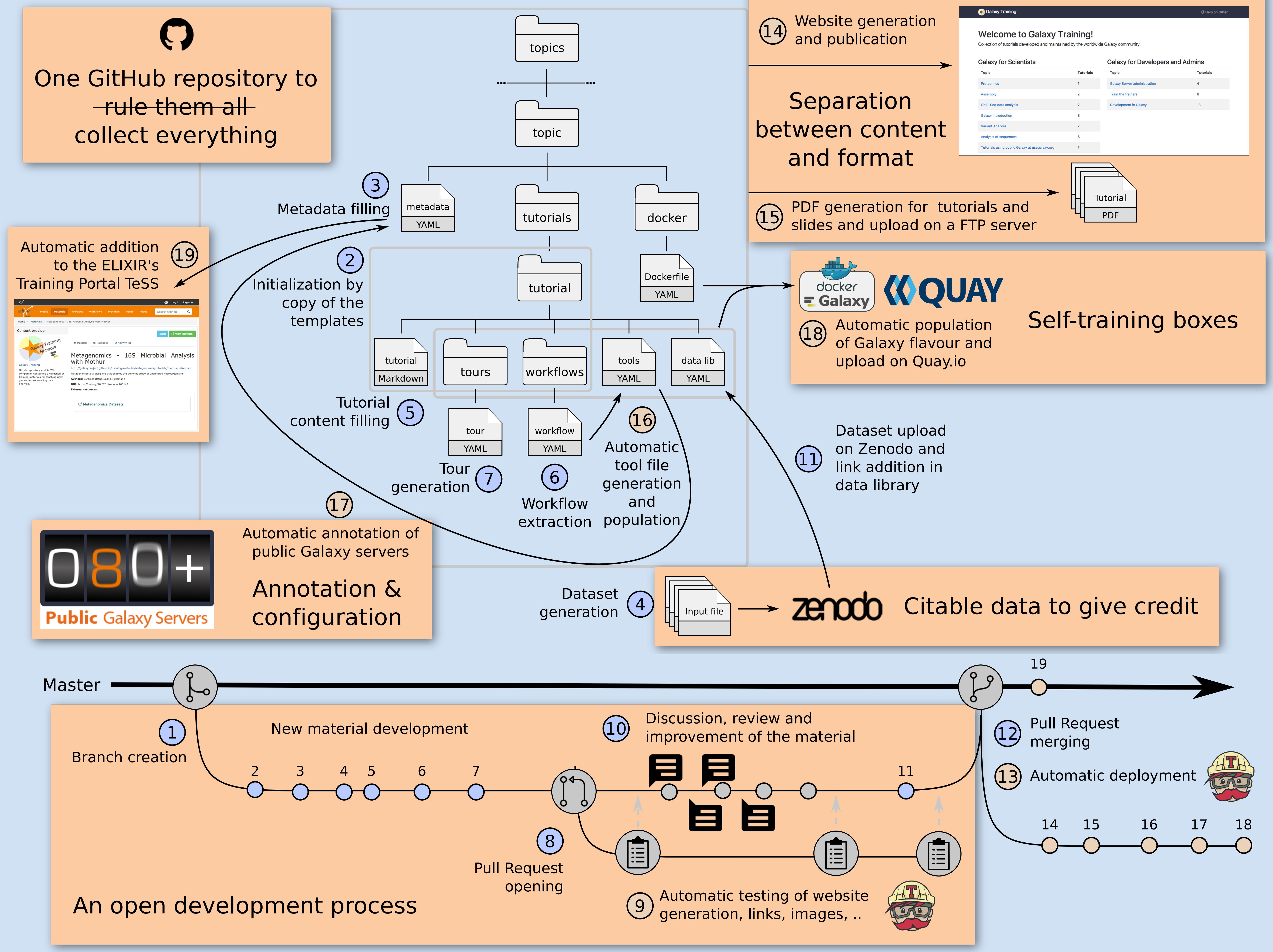


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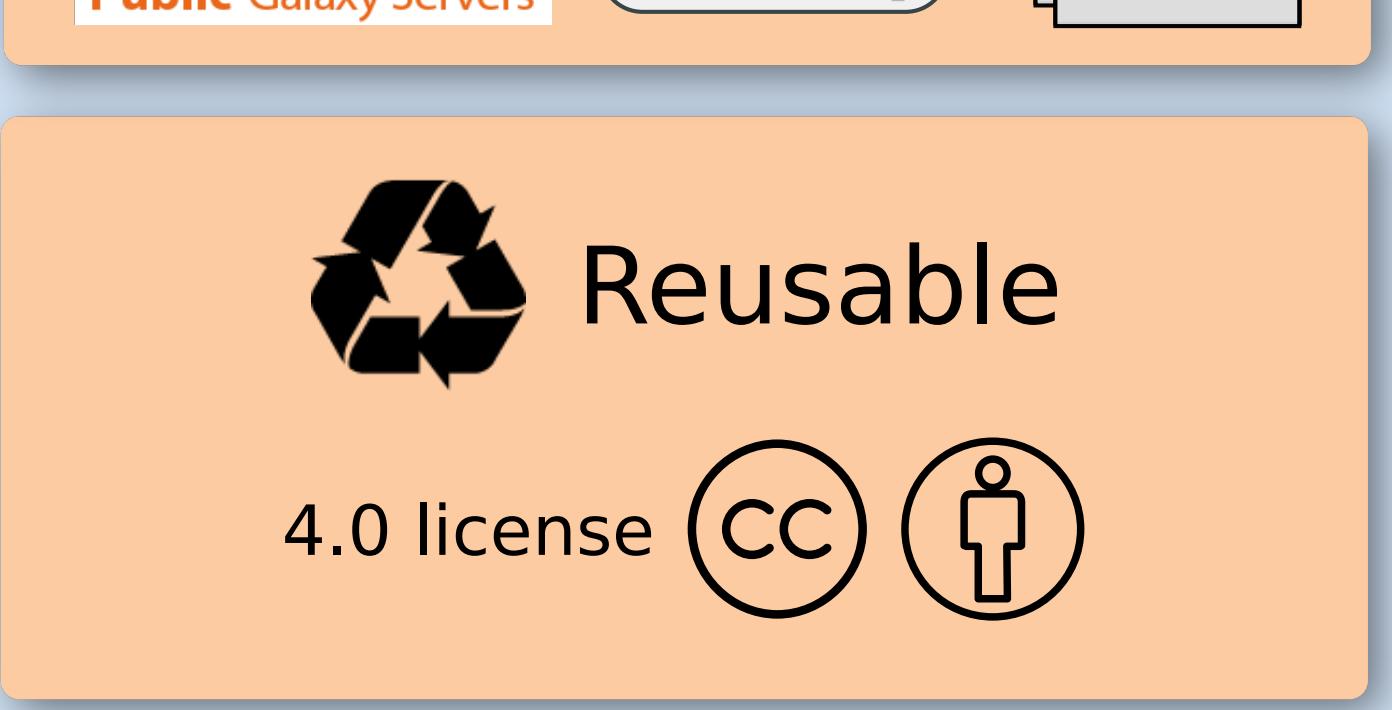
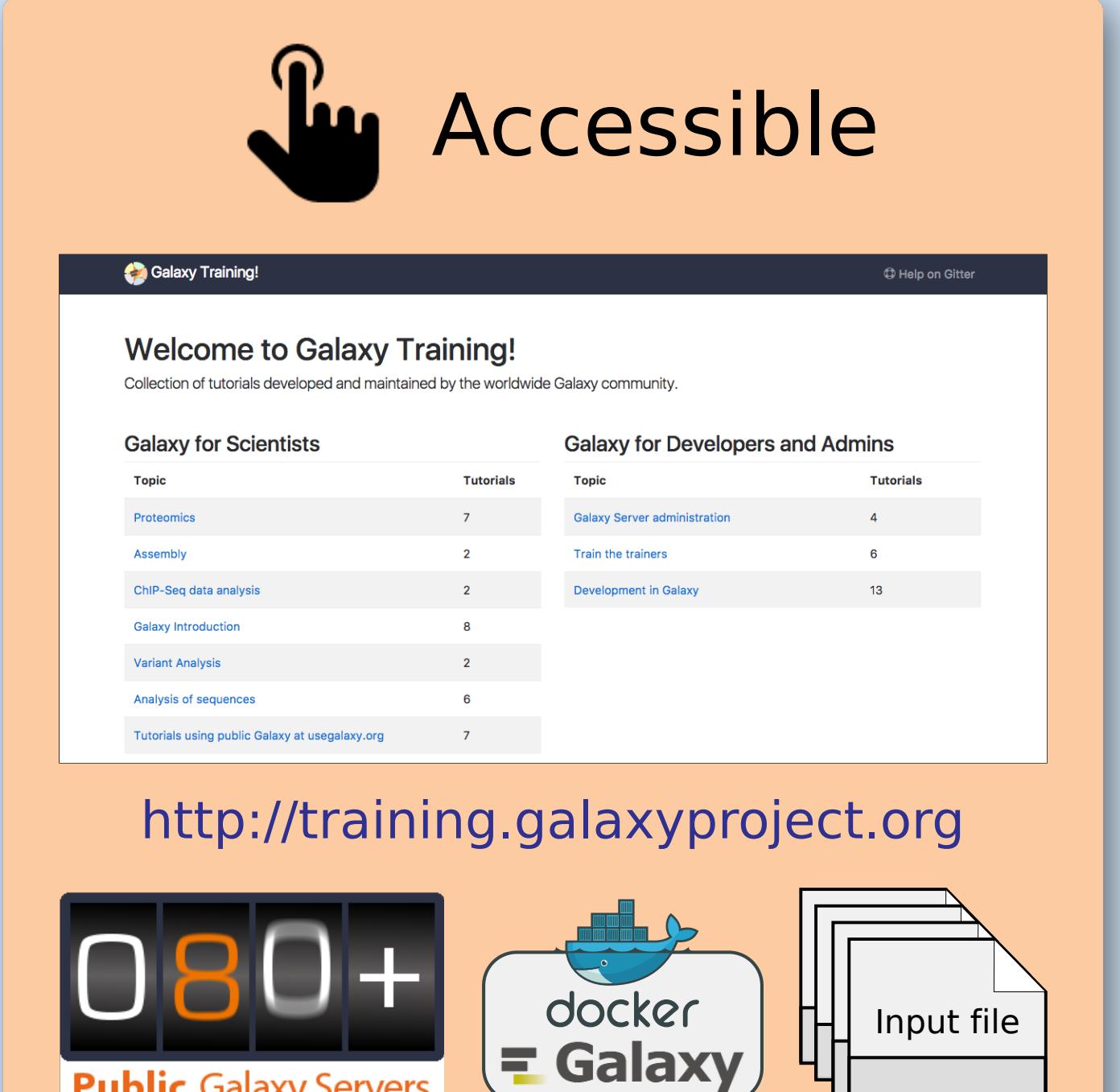
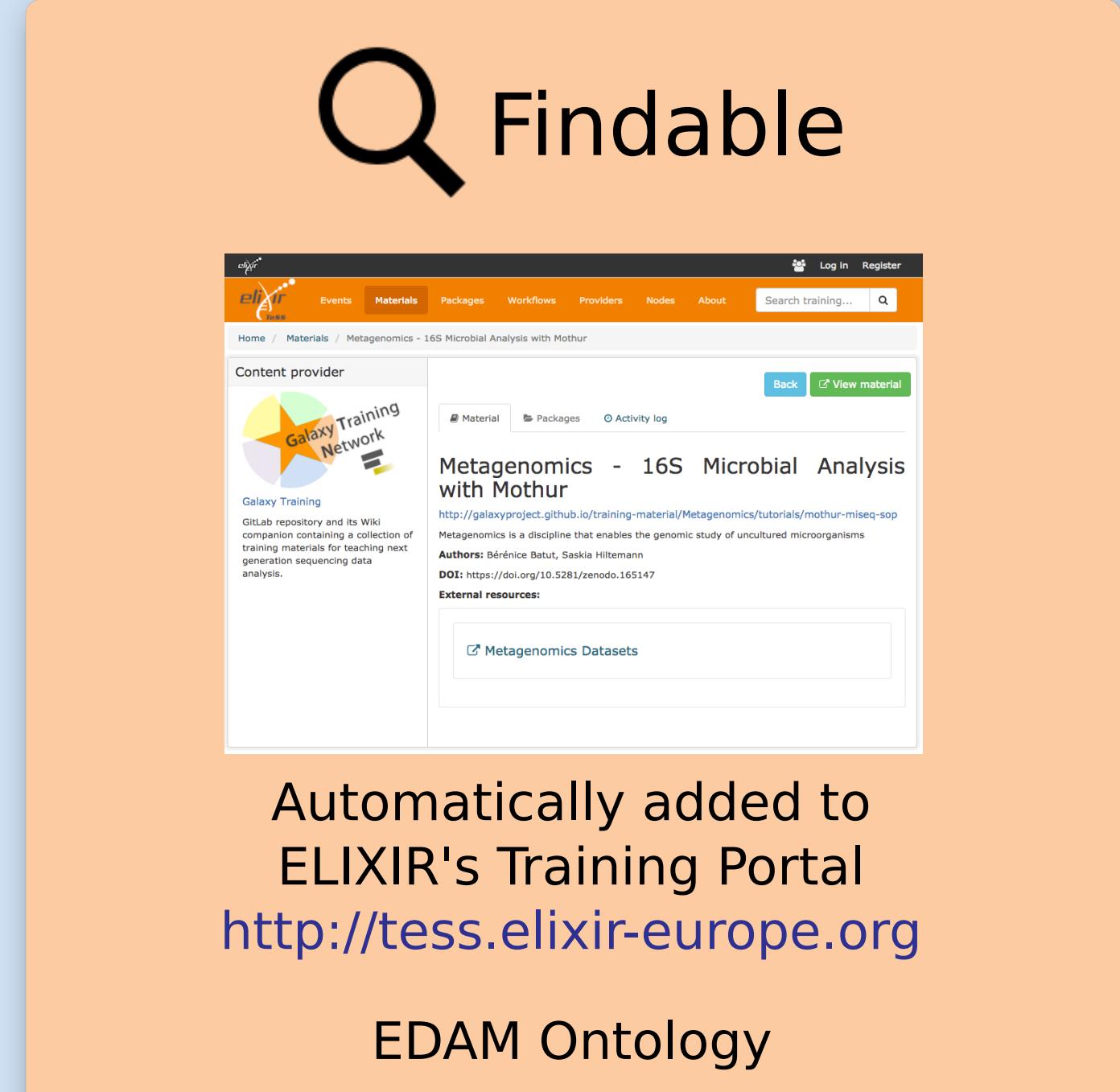
With the advent of high-throughput platforms, life science data analysis is tightly linked to the use of bioinformatics tools, resources, and high-performance computing. However, the scientists who generate the data often do not have the knowledge required to be fully conversant with such analyses. To involve them in their own data analysis, these scientists must acquire bioinformatics vocabulary and skills through training.

Data analysis training is particularly challenging without a computational background. The Galaxy framework is addressing this problem by offering a web-based, intuitive and accessible user interface to numerous bioinformatics tools. Recently, the Galaxy Training Network (GTN) set up a **new open, collaborative, online model** for delivering high-quality bioinformatics training material: <http://training.galaxyproject.org>.

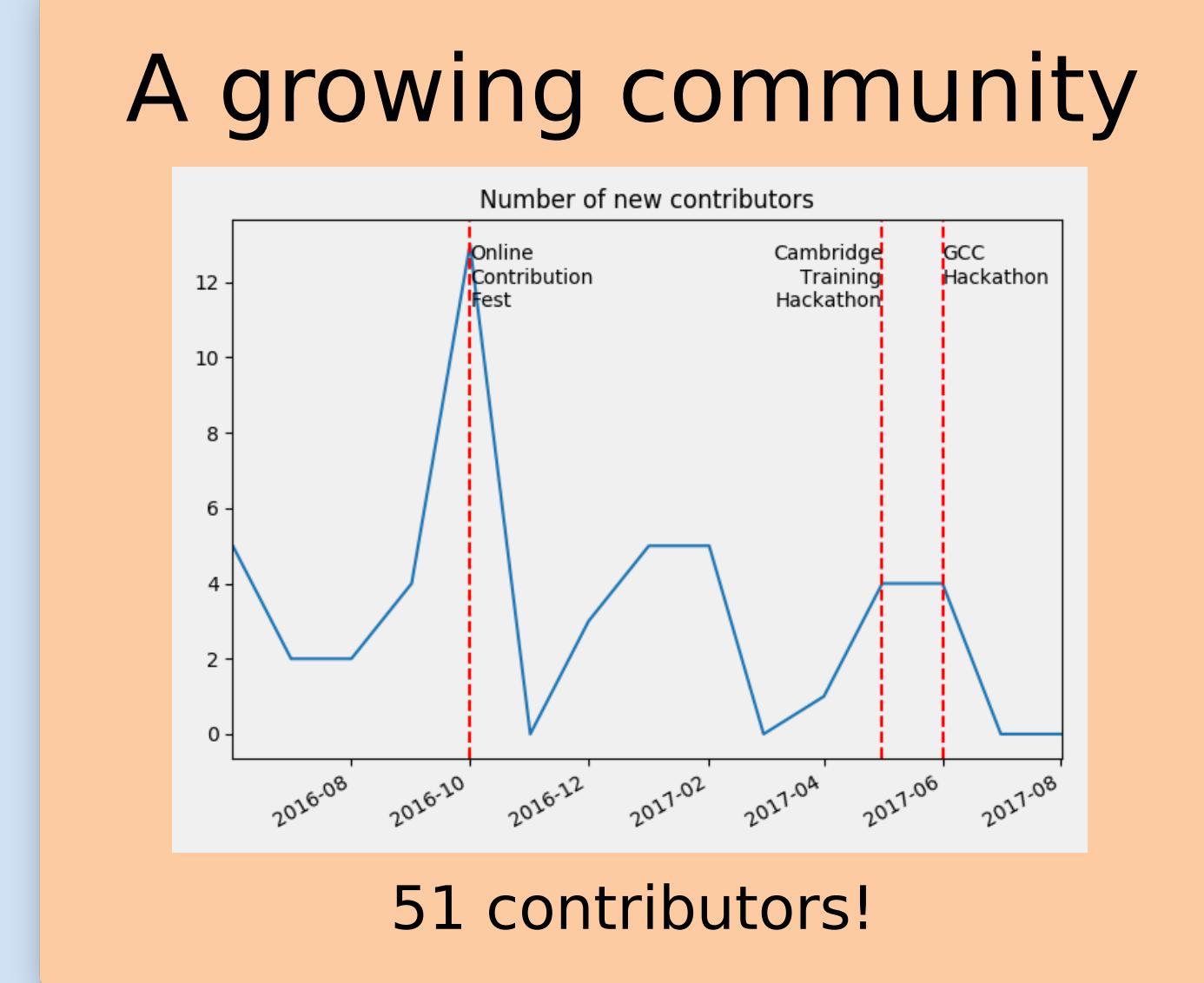
## A newly developed and already used Galaxy Training infrastructure



## For FAIR Galaxy training



## Community driven



## Numerous contributions

- 3 successful hackathons:  
- Online in October 2016  
- ELIXIR/GOBLET/GTN in May 2017  
- Galaxy Community Conference in June 2017

