

Open-source, transparent, and reproducible bioinformatics

PUBS2015

Franklin Bristow and Eric Marinier National Microbiology Laboratory Public Health Agency of Canada

Overview

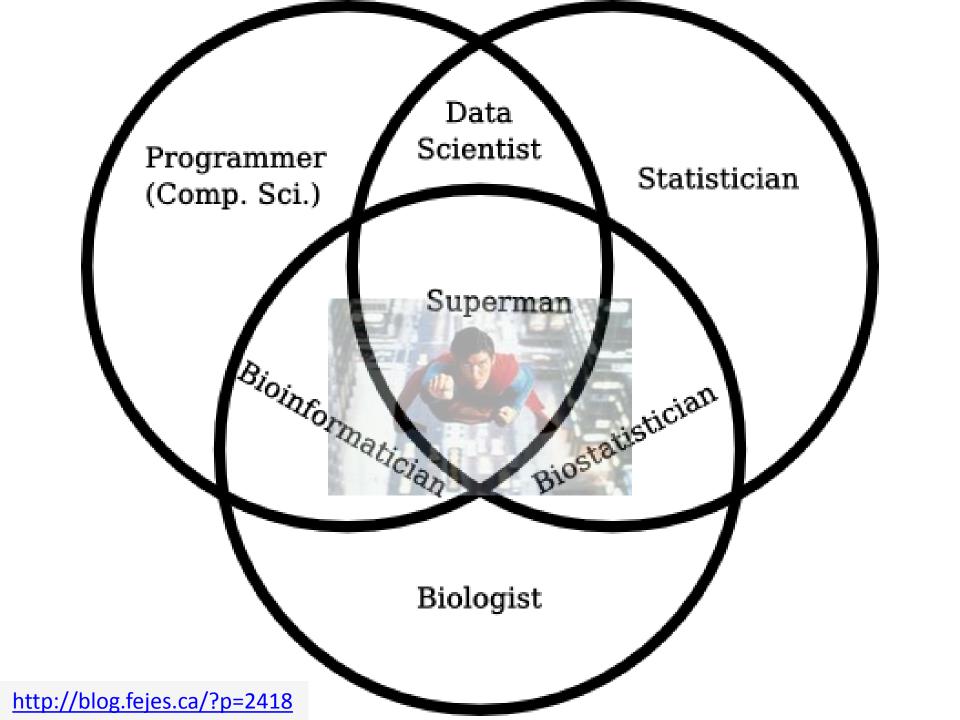
- Who are we?
- Data
- Bioinformatics
- Open-source software
- Reproducibility
- Galaxy

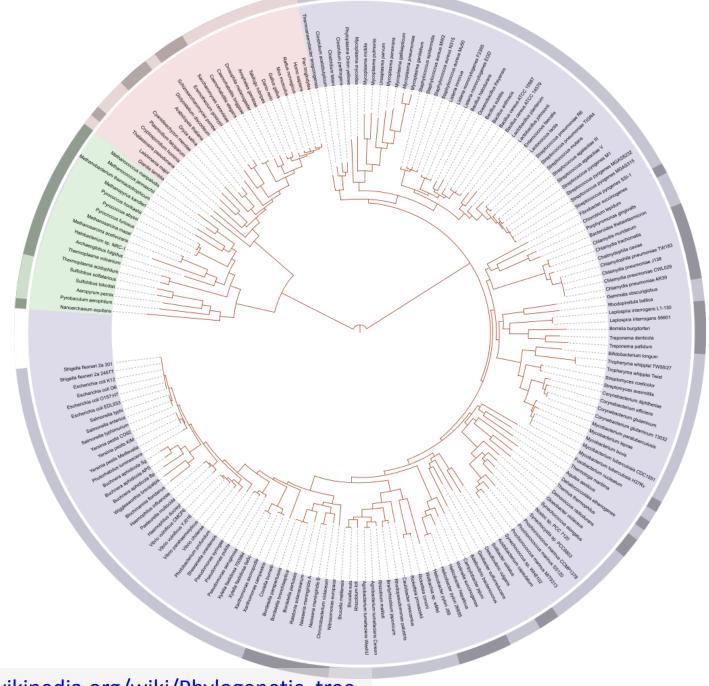
Who Are We?

- Franklin Bristow
 - ☆ franklin.bristow@phac-aspc.gc.ca
 - https://github.com/fbristow
- Eric Marinier
 - eric.marinier@phac-aspc.gc.ca
 - https://github.com/emarinier

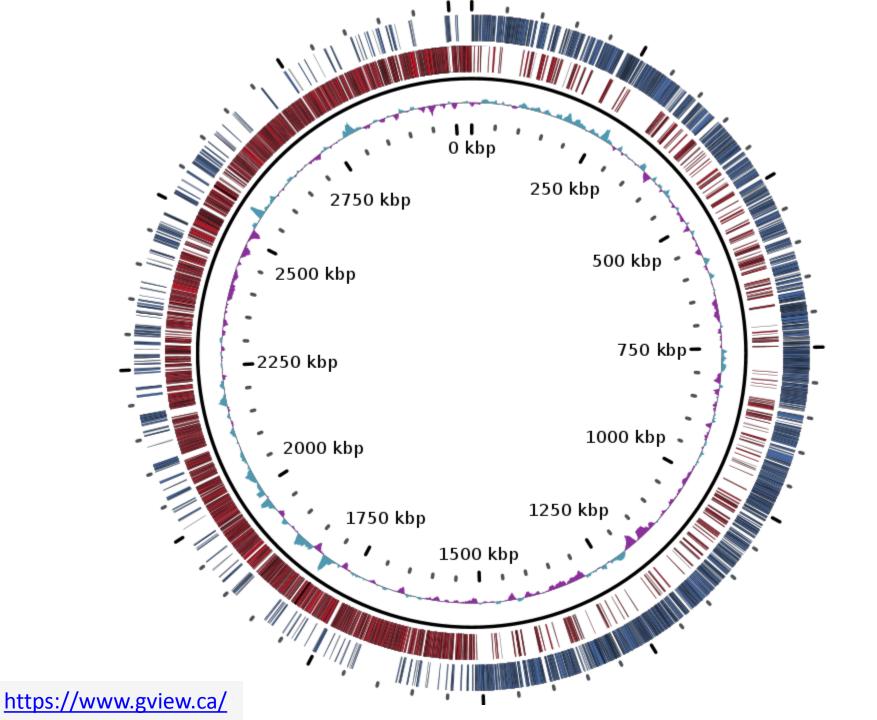




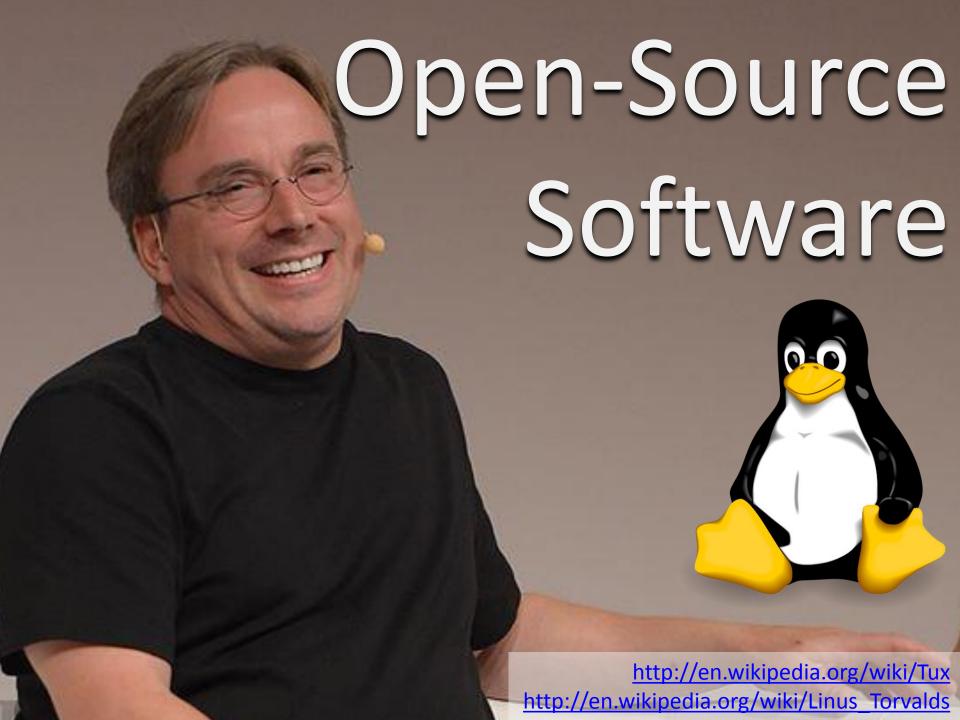




http://en.wikipedia.org/wiki/Phylogenetic_tree







Command-line







Name that domain - 10 July, 2014

I finally dropped the heavy BIND for a much lighter solution. Here is a tutorial on how to set up tinydns and discache to act as a DNS for your local network.

Planning downtime - 02 July, 2014

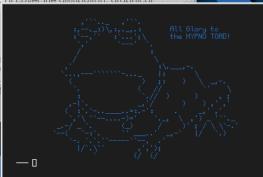
I will upgrade my hardware in a few days, and change the distribution that powers my server in the mean time. See you when I'm back up!

Grok that workflow - 30 May, 2014

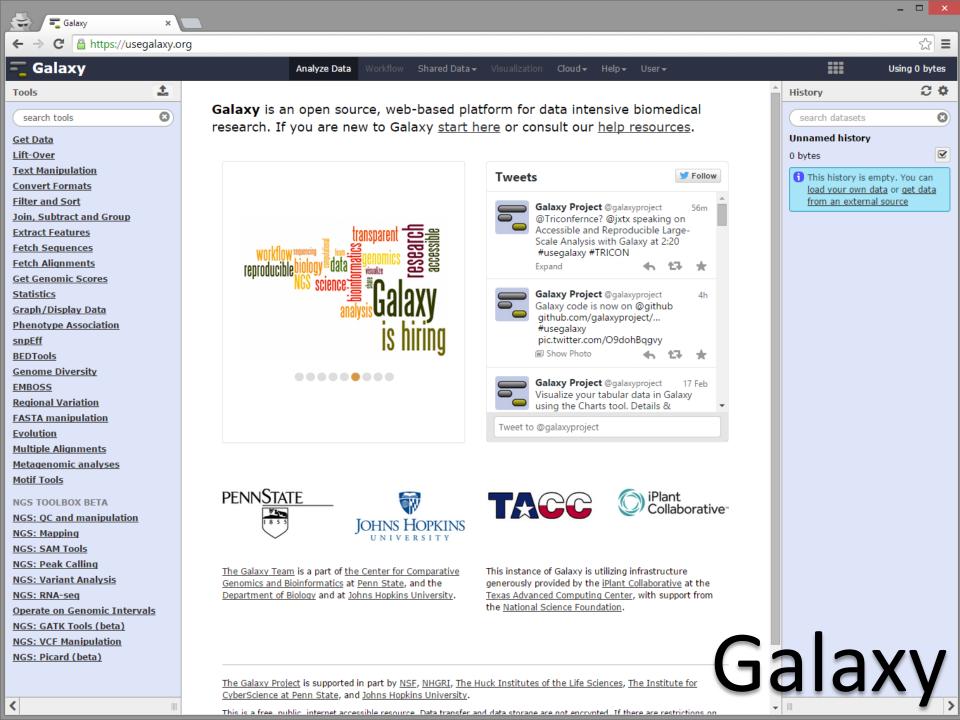
In a pretty narcissic pulsion, I decided that it could be interesting to describe my day-to-day workflow. I'll cover the distribution, araphica windows, terminal usage and eve

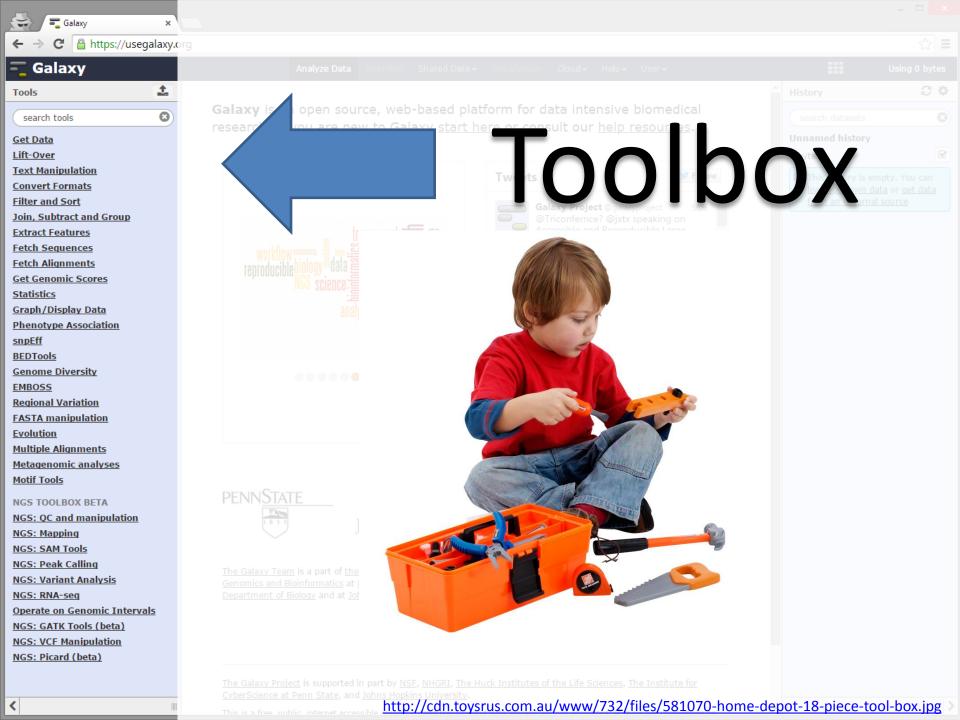
Pop it up ! _ 30 April, 2014

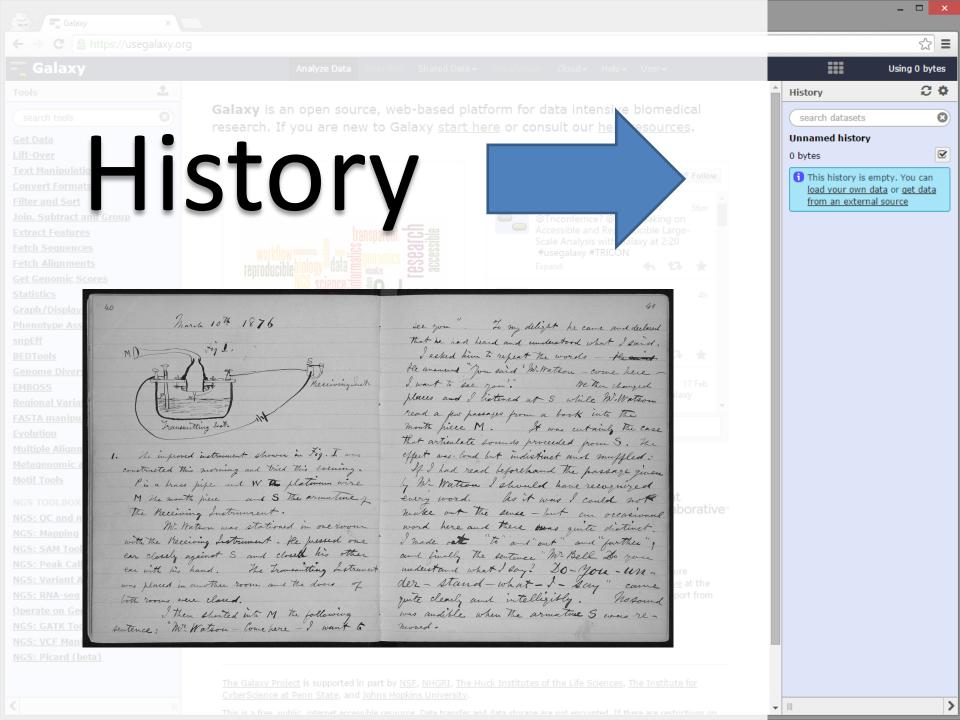
What about a dynamic way to ge Something like "How by the way, t be interrested!". That's what notific

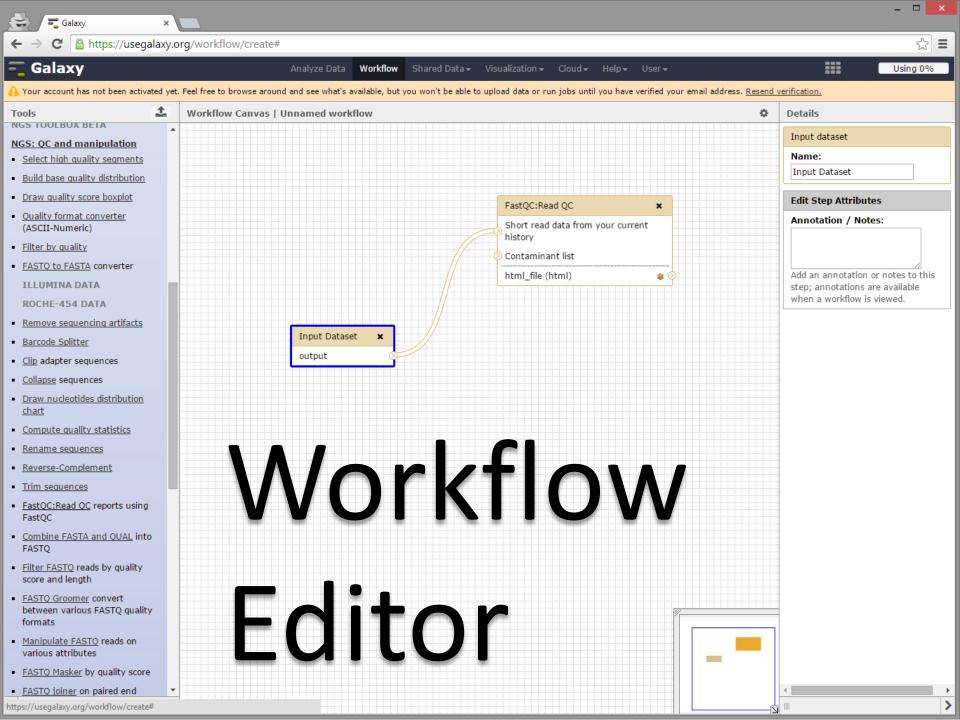


March 10th 18 Report Come of Contract the words of the animal por said "Mithatson come of the animal of the Martin come of the words of the animal of the them of the animal of the that articulate sounds proceeded from the improved instrument shown in Fig. I was effect was loud but indistinct and muy tructed this morning and tried this lovening . If I had read beforehand the passa is a trass pipe and W the platemen wire by Wi Watson I should have recog every word. Is it was I could I the month piece and S The armatine of e Kelleving Instrument. make out the sense - but am or word here and there was quite dis M. Watson was stationed in one room I made out "to" and "out" and "for to the Meceiony Instrument. He pressed one closely against S and closel his other and finally the sentence "M" Bell Do with his hand. The Transautting Instrument understand what I day! DO- you der - Stand - what - I - Say" placed in another room and the doors of quite clearly and intelligibly. rooms were closed. ce: "W" Watson - Come here - I want to was andible when the armatuse S w http://en.wikipedia.org/wiki/Lab_notebook









Links

- Lecture notes and exercises:
 - https://github.com/emarinier/
- Public Galaxy instances:
 - https://usegalaxy.org
 - https://orione.crs4.it