Galaxy Seminar and Workshops: March 5

http:/bit.ly/caltechgxy

The widespread adoption of high-throughput techniques in biology has made working with large datasets a necessary and common task in biomedical research. Discovering meaning in these large datasets requires sophisticated bioinformatics tools, complex workflows, and computational infrastructure. The Galaxy Project (http://galaxyproject.org/) makes these tools accessible to a wide range of researchers, while ensuring that analyses are reproducible and can be communicated transparently to others.

Galaxy for Biologists

Hands-on Workshop
11am-2pm, 151 Braun
Lunch provided for participants

Learn to use the Galaxy bioinformatics environment? Galaxy is an open, web-based platform for data intensive biomedical research that enables non-bioinformaticians to create, run, tune, and share their own bioinformatic analyses.

This workshop will teach participants how to integrate data, and perform simple and complex analysis within Galaxy. It will also cover data visualization and visual analytics, and how to share and reuse your bioinformatic analyses, all from within Galaxy. No programming or Linux / Unix experience is required.

Space is limited and advance registration is required.

Galaxy for Developers

Discussion
2-4pm, Morgan Library
Kerckhoff, 2nd Floor

This informal discussion will introduce Galaxy for developers. We will discuss any items of interest to attendees and answer questions relating to, for example, the Galaxy API, Galaxy Architecture, configuring Galaxy for a production environment, and anything else about Galaxy. This will be more informal than the Galaxy for Biologists workshop and will cover topics that are of most interest to attendees. Dave Clements of the Galaxy Project will lead the workshop and we will be joined remotely by Dannon Baker and Nate Coraor, two members of the core Galaxy development team.

This discussion is open to any member of the Caltech community. It is free, but space is limited.

Additional details and registration are available at http://bit.ly/caltechgxy