DNA Sequence Bioinformatics Analysis with the Galaxy Platform

University of São Paulo, Brazil 28 July - 1 August 2014

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Galaxy Community Resources: Galaxy Biostar

Tens of thousands of users leads to a lot of questions.

Absolutely have to encourage community support.

Project traditionally used mailing list

Just moved the user support list to Galaxy Biostar, an online forum, that uses the Biostar platform



https://biostar.usegalaxy.org/

Galaxy Community Resources: Mailing Lists http://wiki.galaxyproject.org/MailingLists

Galaxy-Dev

Questions about developing for and deploying Galaxy High volume (5200 posts in 2013, 900+ members)

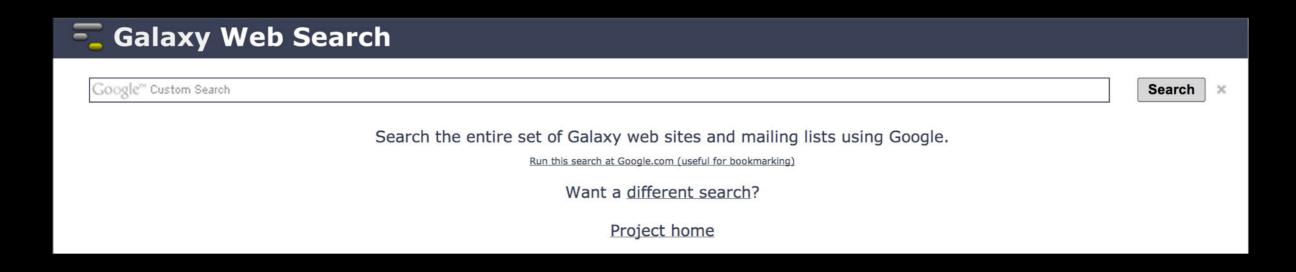
Galaxy-Announce

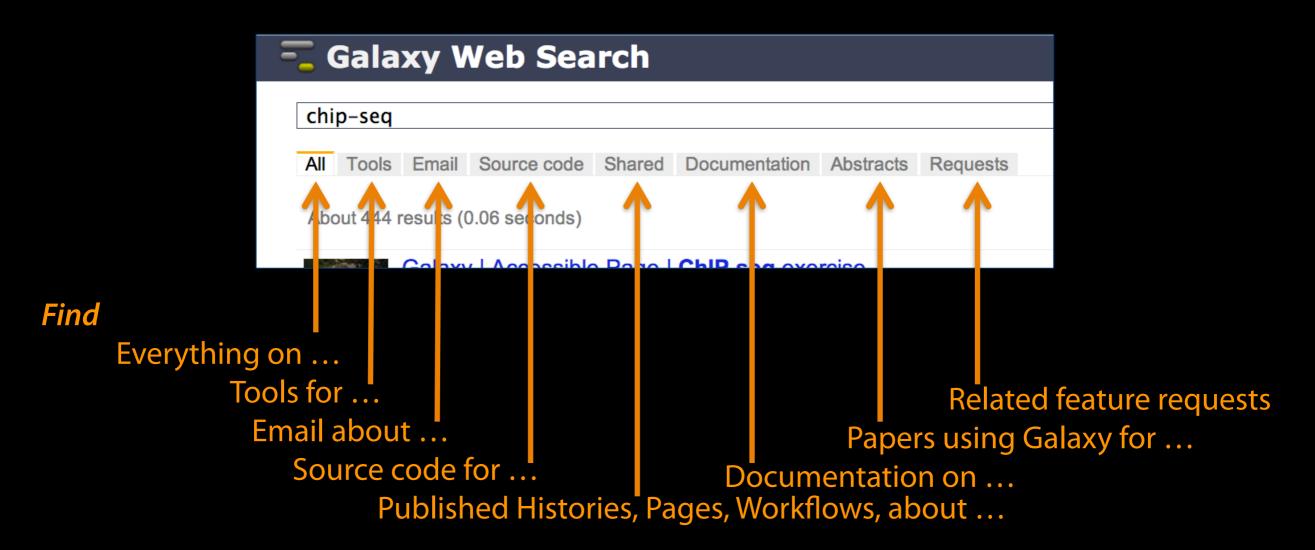
Project announcements, low volume, moderated Low volume (47 posts in 2013, 3400+ members)

Galaxy-User (discontinued 2014/06)

Questions about using Galaxy and usegalaxy.org High volume (1328 posts in 2013, 2600+ members)

Unified Search: http://galaxyproject.org/search





Community: Public Galaxy Instances

http://bit.ly/gxyServers

Interested in:

ChIP-chip and ChIP-seq?

✓ Cistrome, Nebula

Statistical Analysis?

✓ Genomic Hyperbrowser

Protein synthesis?

✓ GWIPS-viz

de novo assembly?

✓ CBIIT Galaxy

Reasoning with ontologies?

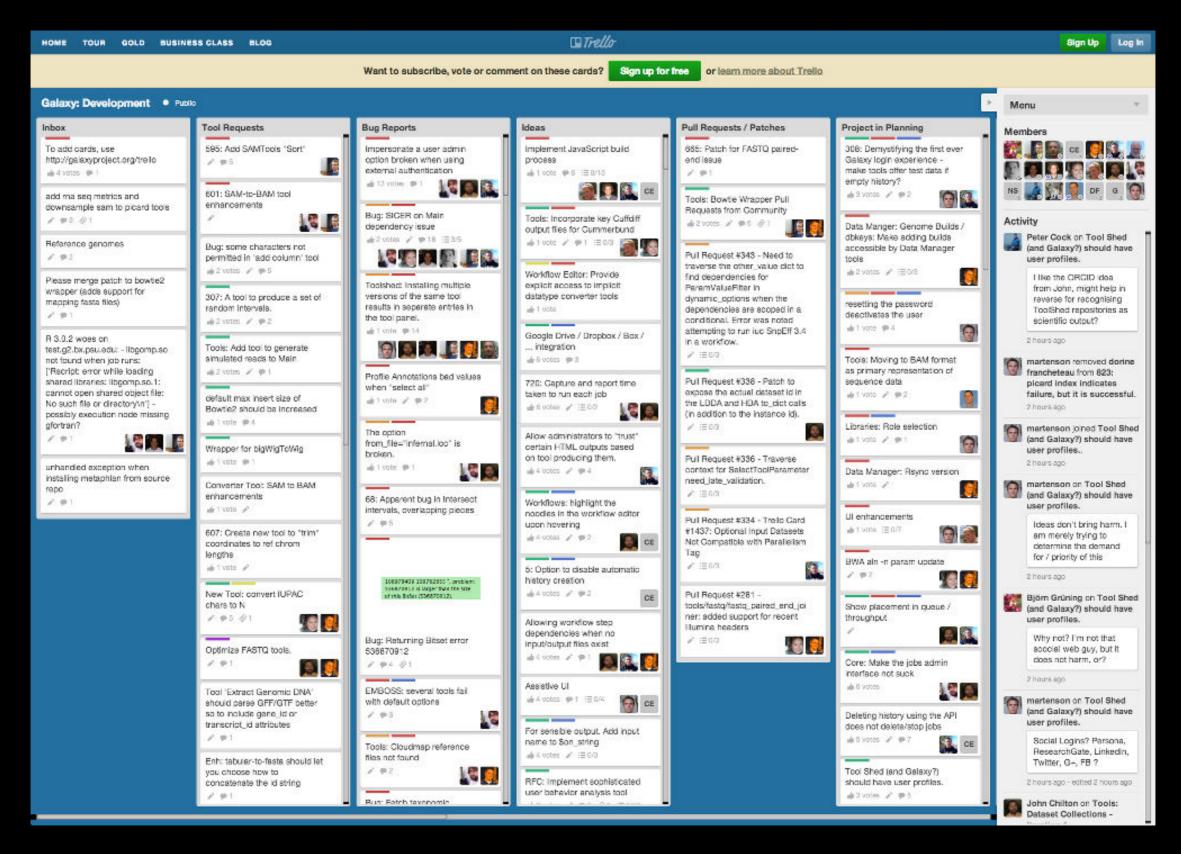
✓ GO Galaxy

Repeats!

✓ RepeatExplorer

Over 60 public Galaxy servers

Community can create, vote and comment on issues



http://wiki.galaxyproject.org



DaveClements Settings Logout |

Search:

Titles

Text

FrontPage Edit History Actions



Galaxy is an open, web-based platform for accessible, reproducible, and transparent computational biomedical research.

- · Accessible: Users without programming experience can easily specify parameters and run tools and workflows.
- Reproducible: Galaxy captures information so that any user can repeat and understand a complete computational analysis.
- · Transparent: Users share and publish analyses via the web and create Pages, interactive, web-based documents that describe a complete analysis.

This is the Galaxy Community Wiki. It describes all things Galaxy.

Use Galaxy

Galaxy's public service web site usegalaxy.org makes analysis tools, genomic data, tutorial demonstrations, persistent workspaces, and publication services available to any scientist. Extensive user documentation applicable to any public or local Galaxy instance is available on this wiki for your convenience.



Community & Project

Galaxy has a large and active user community and many ways to get involved.

Community

Deploy Galaxy

Galaxy is a free and open source project available to all. Local Galaxy servers can be set up by downloading the Galaxy application.

- Admin
- Cloud
- Galaxy Appliance



Contribute

 Users: Share your histories, workflows, visualizations, data libraries, and Galaxy Pages, enabling others to use and learn from them



Register Now

Use Galaxy

Servers • Learn Main • Share • Search

Communicate

Support • Biostar Events . Mailing Lists News . Twitter

Deploy Galaxy

Get Galaxy . Cloud Admin . Tool Config Tool Shed . Search



Contribute

Develop . Share Issues & Requests Teach • Support

Galaxy Project

Home . About

Events

News

Galaxy Event Horizon

Events with Galaxy-related content are listed here.



Also see the Galaxy Events Google Calendar for a listing of events and deadlin Community. This is also available as an RSS feed ...

If you know of any event that should be added to this page and/or to the Galaxy Ever send it to outreach@glaxyproject.org.

For events prior to this year, see the Events Archive.

Upcoming Events







| Date | Topic/Event | Venu | | | |
|-----------|----------------------------------------------------------------------------------------------------------------------------|------------------------|--|--|--|
| May 6-7 | Scaling Galaxy for Big Data | | | | |
| May 9 | Introduction to Galaxy Workshop | The (| | | |
| May 12 | Galaxy Workshop | | | | |
| | Galaxy Project Update | 5th E Meet Edint | | | |
| May 13 | Galaxy Workshop | Insti Medi | | | |
| May 12-14 | Short course on RNA-seq and ChIP-seq | | | | |
| May 16 | May 16 Galaxy Initiation | | | | |
| May 19 | Initiation au traitement et à l'analyse des données métabolomiques sur la plateforme scientifique web Galaxy IFB-MetaboHUB | | | | |

News Items

May 2014 Galaxy News



The May 2014 Galaxy Update Newsletter is out! There's a lot going on in the project and the community right now. The big news in the past month is the move from the Galaxy-User mailing list to Galaxy Biostar for user support. This has been running for a week now, and has been very well received.





The other big news is upcoming events. **Early registration for GCC2013 closes May 23**. Register now and save more than 70% on registration costs, and Training Day registration is an additional 55% off if you register for both at the same time. We are also pleased to announce this year's keynote speaker and the first ever GCC Hackathon.

BALTIMORE, MD | JUNE 30 - JULY 2, 2014

There's also a Galaxy UK Tour which is visiting Norwich and Edinburgh in May, and there are at least 17 other Galaxy related events in the next 70 days in Norway, France, *online*, Croatia, Thailand, Canada, the US, the Netherlands, and Australia



As always, there are new papers (47 of them, including four we highlighted), new public Galaxy Servers (Globus Genomics Proteomics and SunLab Galaxy), new jobs (7 postings in 6 countries), new tools in the project ToolShed (um, lots), and a new public ToolShed (at the Dutch Techcentre for Life Sciences (DTL).



Posted to the Galaxy News on 2014-04-30

Galaxy Biostar Launched

Galaxy has teamed up with Biostar to create a Galaxy User support forum at https://biostar.usegalaxy.org!



We want to create a space where researchers using Galaxy can come together and share both scientific advice and practical tool help. Whether on usegalaxy.org, a CloudMan instance, or any other Galaxy (public or local), if you have something to say about *Using Galaxy*, this is the place to do it!

Current integration with usegalaxy.org

- We imported the whole history of the galaxy-user@bx.psu.edu mailing list into Galaxy Biostar. Your prior posts are automatically claimed when you login!
- If you access Galaxy Biostar from http://usegalaxy.org (Menu: Help → Galaxy Biostar) you will be automatically logged in. A Galaxy Biostar account will be created for you if it did not previously exist. To obtain this account's password please use the password reset feature of Galaxy Biostar.
- · When you have a question, search Galaxy Biostar directly from any Galaxy tool page.

Read more about how to get started on the Biostar wiki page.



GALAXY COMMUNITY CONFERENCE

BALTIMORE, MD | JUNE 30 - JULY 2, 2014

Slides, posters & videos now online http://bit.ly/gcc2014











The Sainsbury Laboratory Norwich, UK

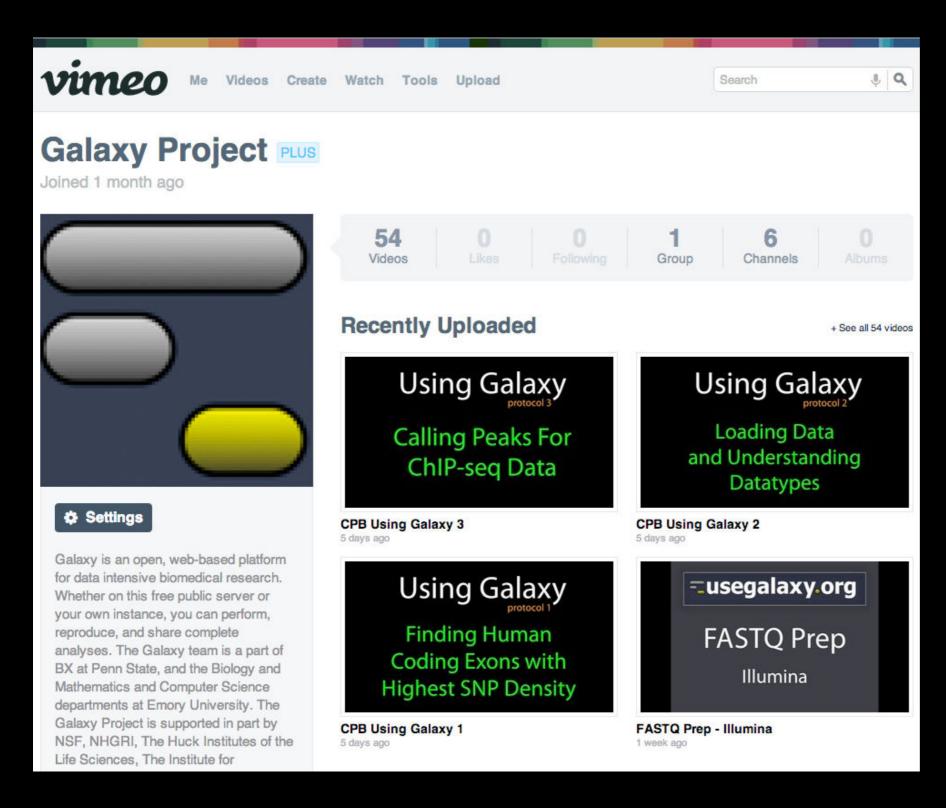
galaxyproject.org

Galaxy Australasia Workshop 2 0 1 4

We also support community organized efforts and events.



Galaxy Resources & Community: Videos



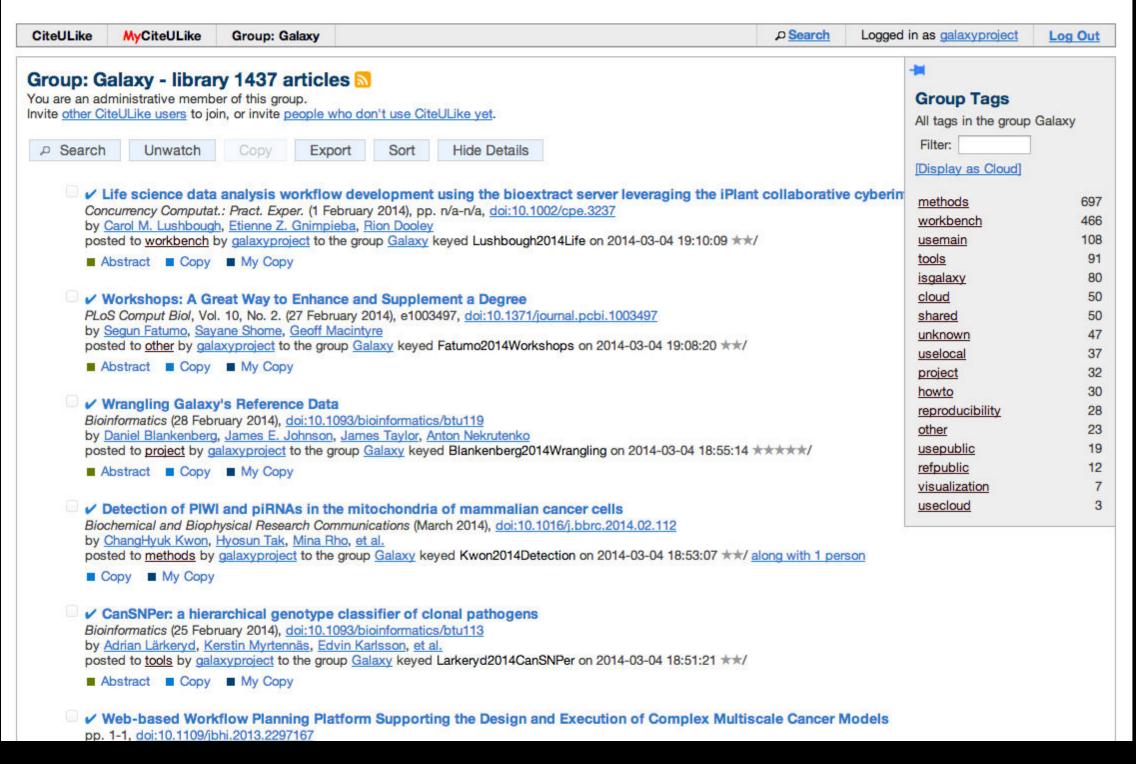
"How to"
screencasts on
using and
deploying
Galaxy

Talks from previous meetings.

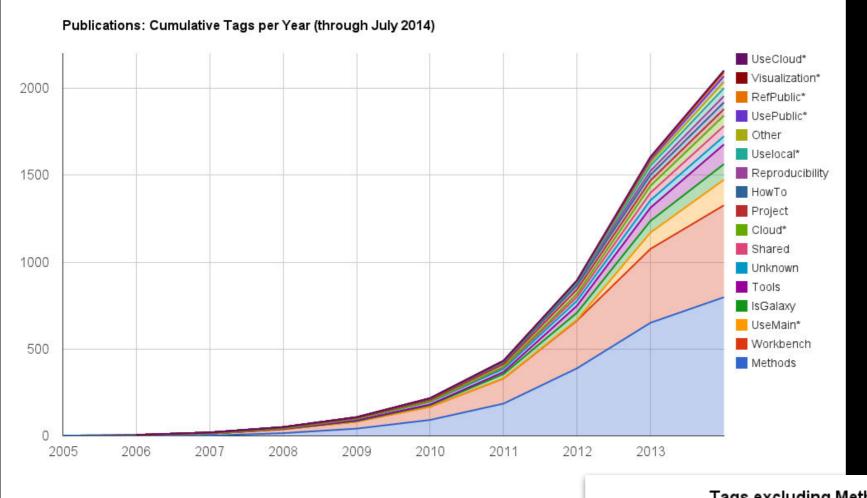
http://vimeo.com/galaxyproject

Galaxy Resources & Community: CiteULike Group





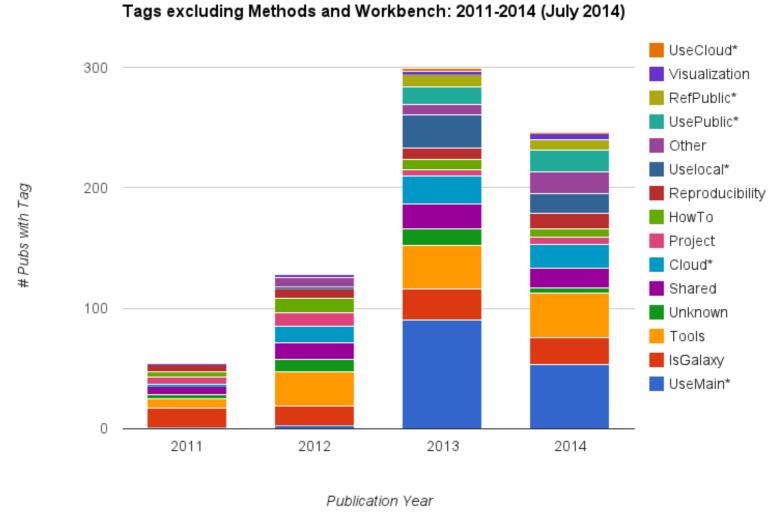
Over 1600 papers



17 tags

Publication Year

Several new tags added in 2013.



The Galaxy Team



Enis Afgan

Dannon Baker

Dan Blankenberg

Dave Bouvier

Marten Cech

John Chilton



Dave Clements

Nate Coraor

Carl Eberhard

Jeremy Goecks

Sam Guerler



Jen Jackson

Greg von Kuster

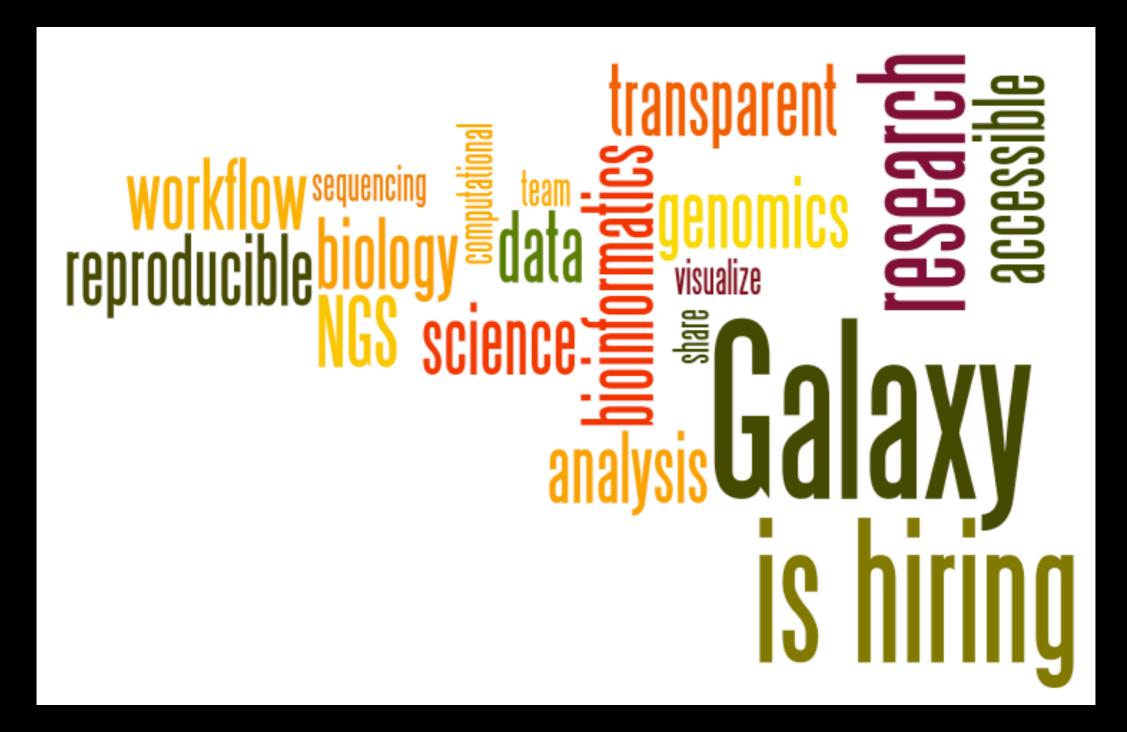
Ross Lazarus

Anton Nekrutenko

Nick Stoler

James Taylor

Galaxy is hiring post-docs and software engineers



Please help.

http://wiki.galaxyproject.org/GalaxylsHiring