Getting started with Galaxy

Feb 18, 2015.
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 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 and elsewhere.

[usegalaxy.org](http://usegalaxy.org)

**Community & Project**

Galaxy has a large and active user community and many ways to Get Involved.

- Community
- News
- Events
- Support
- Galaxy Project

**Deploy Galaxy**

Galaxy is open source for all organizations. Local Galaxy servers can be set up by downloading and customizing 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.
- **Deployers and Developers**: Contribute tool definitions to the Galaxy Tool Shed (making it easy for others to use those tools on their installations), and code to the core release.
- **Everyone**: Get Involved!
Galaxy Resources & Community: Videos

“How to” screencasts on using and deploying Galaxy

Talks from previous meetings.

http://vimeo.com/galaxyproject
Unified Search: http://galaxyproject.org/search
More interactive help?

https://biostar.usegalaxy.org/
Galaxy Event Horizon

Events with Galaxy-related content are listed here. Also see the Galaxy Events Google Calendar for a listing of events and 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 Community, please send it to outreach@galaxypoint.org.

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

Upcoming Events

<table>
<thead>
<tr>
<th>Date</th>
<th>Topic/Event</th>
<th>Venue/Location</th>
</tr>
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<tbody>
<tr>
<td>January 15-16</td>
<td>Accessible and Reproducible Genomics at Scale with Galaxy</td>
<td>Revolutionizing Next-Gen, Belgium</td>
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<td>January 19-20</td>
<td>NGS pipelines with Galaxy</td>
<td>e-Infrastructures for Mass-Marketing, Sweden</td>
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<td>January 22</td>
<td>Baltimore Area Galaxy Meetup</td>
<td>Baltimore, Maryland, United States</td>
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<td>January 28</td>
<td>ChIP-Seq Analysis and Visualization using Galaxy and IGB Tutorial</td>
<td>Online</td>
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<td>February 9-13</td>
<td>Analyse bioinformatique de séquences sous Galaxy</td>
<td>Montpellier, France</td>
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News

Announcements of interest to the Galaxy Community. These can include items from the Galaxy Team or the Galaxy community and can address anything that is of wide interest to the community.

The Galaxy News is also available as an RSS feed.

See Add a News Item below for how to get an item on this page, and the RSS feed. Older news items are available in the Galaxy News Archive.

See also:
- Galaxy News Briefs
- Galaxy Updates
- Galaxy on Twitter
- Events
- Learn
- Support
- About the Galaxy Project

News Items

January 2014 CloudMan Release

We just released an update to Galaxy CloudMan. CloudMan offers an easy way to get a personal and completely functional instance of Galaxy in the cloud in just a few minutes, without any manual configuration.

This update brings a large number of updates and new features, the most prominent ones being:

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

Galaxy-Announce

Project announcements, low volume, moderated
Low volume (47 posts in 2014, 4100+ members)

Galaxy-Dev

Questions about developing for and deploying Galaxy
High volume (2700 posts in 2014, 1000+ members)
Galaxy Resources & Community: CiteULike Group

Over 2000 papers
17 tags

GCC 2015
Galaxy Community Conference
6-8th July 2015
The Sainsbury Laboratory
Norwich, UK

galaxyproject.org

wiki.galaxyproject.org/Events/GCC2015
Training poll @

• Interested in training workshop series?

• Topic ideas
  • Galaxy 101
  • RNA-Seq
  • ChIP-Seq
  • Metagenomics
  • Installing Galaxy
    • For your lab
    • On a (SGE) cluster for large/many datasets

• Your suggestion here?