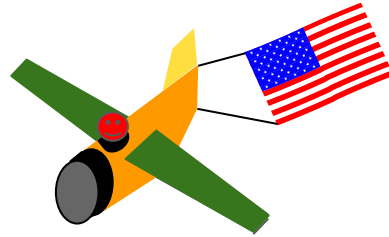


Welcome !

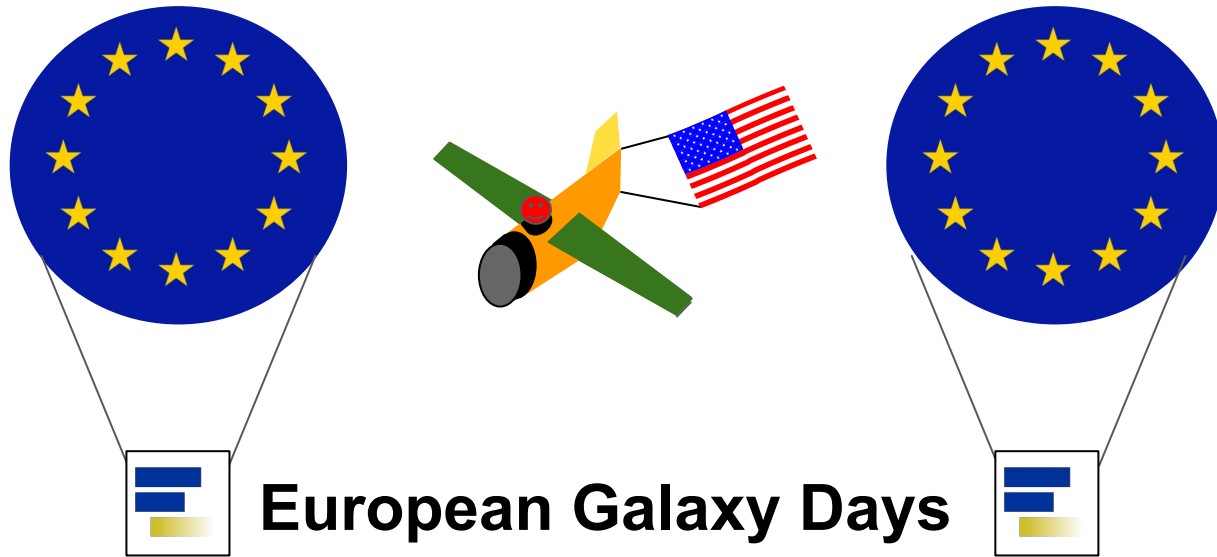


European Galaxy Days



Freiburg (Germany) 19/20 November 2018

<https://galaxyproject.org/events/2018-europe-dev/>



twitter: #EGD2018 (#SG2018T) #usegalaxy

@denbiOffice @IFB_Bioinfo @ELIXIREurope

a Big Thank You to:

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Hans-Rudolf Hotz (FMI, Basel)
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@hrhotz

This is the fourth time....

This is the fourth time we meet....



Swiss Galaxy Workshop

Bern, 3 October 2012

<http://bit.ly/gxyswiss>

This is the fourth time we meet....



Swiss Galaxy Workshop
Bern, 3 October 2012
<http://bit.ly/gxyswiss>



This is the fourth time we meet....



Swiss Galaxy Workshop
Bern, 3 October 2012
<http://bit.ly/gxyswiss>



**Swiss German
Galaxy Days**

Freiburg (Germany) 20/21 October 2016





Freiburg (Germany) 19/20 November 2018
<https://galaxyproject.org/events/2018-europe-dev/>

.... and one person attended each time:

.... and one person attended each time:



Today's Schedule

Today's Schedule

10:50 - 11:20	Coffee Break
12:20 - 13:30	Lunch Break
15:10 - 15:40	Coffee Break
17:00	...going to the Pub

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see also:

<https://galaxyproject.org/events/2018-europe-dev/#monday-november-19th>

Tuesday's Schedule

10:30 - 11:00 Coffee Break

12:25 - 13:35 Lunch Break

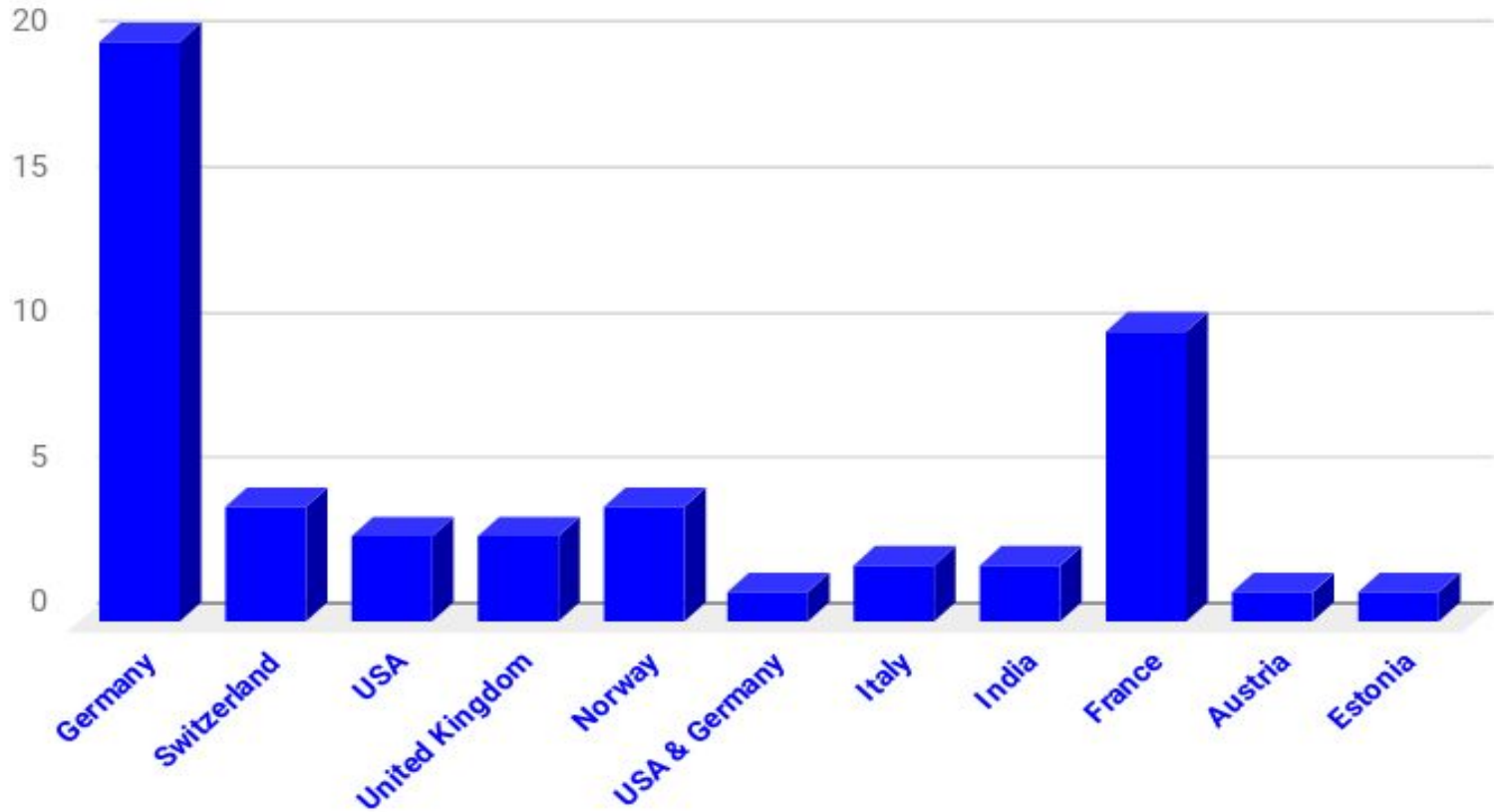
15:10 - 15:40 Coffee Break

see also:

<https://galaxyproject.org/events/2018-europe-dev/#tuesday-november-20th>

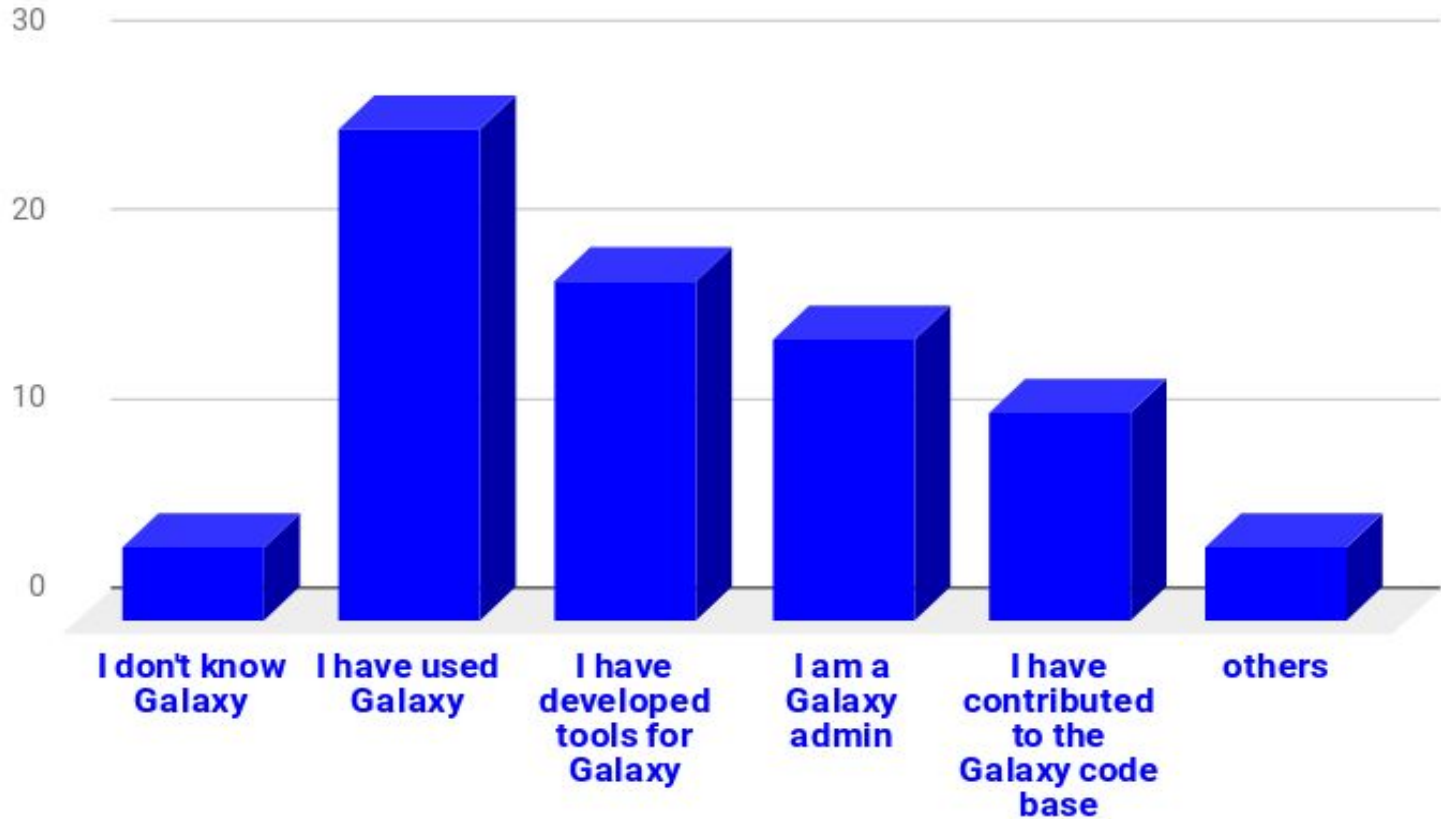
Number of Participants

Number of Participants



Familiarity with Galaxy

Familiarity with Galaxy



What is Galaxy ?

The logo icon consists of three horizontal bars of varying lengths stacked vertically. The top two bars are dark grey, and the bottom bar is yellow with a gradient effect.

Galaxy

PROJECT

Data Intensive Science for Everyone

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.

Galaxy is web-based platform

The screenshot displays the Galaxy web-based platform interface. At the top, the header shows "Galaxy / Europe" and navigation menus for "Analyze Data", "Workflow", "Visualize", "Shared Data", "Help", and "User". A notification bar indicates the user is using the new UseGalaxy.eu backend server. The main workspace is divided into three panels:

- Tools Panel (Left):** Contains a search bar and a list of tool categories including "FILE AND META TOOLS", "GENERAL TEXT TOOLS", and "GENOMICS, NGS".
- Workflow Panel (Center):** Shows a table of workflow steps with columns for Seqname, Source, Feature, Start, End, Score, Strand, Frame, and Group.
- History Panel (Right):** Lists a sequence of workflow steps from 8 to 15, each with a "View data" button and icons for visibility, edit, and delete.

Seqname	Source	Feature	Start	End	Score	Strand	Frame	Group
##gff-version 2								
##bed_to_gff_converter.py								
chr9	bed2gff	A	51	60	1	+	.	A;
chr10	bed2gff	B	81	120	3	+	.	B;
chr10	bed2gff	C	51	90	2	+	.	C;
chr11	bed2gff	D	11	30	4	+	.	D;

History Panel:

- 15: BED-to-GFF on data 14
- 14: Concatenate datasets on data 12 and data 13
- 13: Pasted Entry
- 12: Cut on data 11
- 11: Join two Datasets on data 9 and data 8
- 10: Paste on data 9 and data 8
- 9: Add column on data 6
- 8: Convert on data 7

Galaxy is

Galaxy is

- **more than 15 years of development:**



Galaxy: A platform for interactive large-scale genome analysis

Belinda Giardine¹, Cathy Riemer¹, Ross C. Hardison¹, Richard Burhans¹,
Laura Elnitski², Prachi Shah^{1,2}, Yi Zhang¹, Daniel Blankenberg¹, Istvan Albert¹,
James Taylor¹, Webb Miller¹, W. James Kent³, and Anton Nekrutenko^{1,4}

Author Affiliations

Abstract

Accessing and analyzing the exponentially expanding genomic sequence and functional data pose a challenge for biomedical researchers. Here we describe an interactive system, Galaxy, that combines the power of existing genome annotation databases with a simple Web portal to enable users to search remote resources, combine data from independent queries, and visualize the results. The heart of Galaxy is a flexible history system that stores the queries from each user; performs operations such as intersections, unions, and subtractions; and links to other computational tools. Galaxy can be accessed at <http://g2.bx.psu.edu>.

« Previous | Next Article »

Table of Contents

This Article

Published in Advance September 16, 2005, doi: 10.1101/gr.4086505

Genome Res. 2005. 15: 1451-1455

Cold Spring Harbor Laboratory Press

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RESOURCE

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PubMed/NCBI

Share

Metrics

Galaxy is

- **more than 15 years of development:**
- **a huge community**


Galaxy Event Horizon

Upcoming (and past) events with Galaxy-related content.

The events listed here are also available in the [Galaxy Events Google Calendar](#). The [Galaxy Other Events Google Calendar](#) lists additional events that are relevant to the Galaxy Community, but that are not known to feature significant Galaxy content.

If you know of any event that should be added to this page and/or to the Galaxy Event Calendar, please add it here or send it to outreach@galaxyproject.org. For events prior to this year, see the [Events Archive](#).

Upcoming Events

Date	Topic/Event	Venue/Location	Contact
November 12th 2018	BioHackathon 2018 Paris	Campus des Berges de Seine, Paris, France	 Bérénice Batut, Hervé Ménager
November 14th 2018	Analyse des données RNA-Seq sous l'environnement Galaxy	Lyon, France	 contact@biosciencesco.fr 
November 15th 2018	GTN CoFest on Training Material	Online	 Bérénice Batut, Saskia Hiltmann
November 19th 2018	European Galaxy Days	Freiburg, Germany	 Hans-Rudolf Hotz, Björn Grüning, Jean-François Dufayard
November 19th 2018	RNA-seq analysis in Galaxy	National Institutes of Health (NIH), Bethesda, Maryland, United States	 mo@galaxyproject.org
November 28th 2018	Computational Genomics	CSHL, Cold Spring Harbor, New York, United States	 James Taylor 

more than 110 events in 2018

Upcoming Events

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Galaxy is

- **more than 15 years of development:**
- **a huge community**
- **more than just a web server:**

