A Hitchhiker's Guide to

25 bioinformaticians

500+ tropical and mediterranean plant experts

Our mission
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2010: First Galaxy instance

2010: Agile development training

2010: Galaxy as a training platform

For the North… 2011 to 2017 in Montpellier
For the North…  
2011 to 2017 in Montpellier

For the South…  
Senegal 2012 to 2014  
Vietnam 2011 to 2015  
Benin 2014 to 2016  
Burkina Faso 2016

2012 : IFB  
Federation of the French community around Galaxy

Galaxy Days 2013 to 2016  
Galaxy4Bioinformatics 2014 to 2016  
Hackathons

2015 : new HPC

Environment Modules package  
> Wrapper adaptation and migration on the new server

2015 : Data visualization

By sending Galaxy datasets to external viewer (Jbrowse, Cytoscape JS)

As embedded/PHP-HTML viewer (CircularJS)
2016: Roadmap, objectives GCC 2017

- Improve visibility of our main workflows
  - Documentation/Examples
  - Facilitated access
  - Visualization
- Automate tests with Planemo
- Improve upload and access to big data (FTP)
- Improve cleaning of datasets processes
- Reporting/usage statistics

Highlights on our main workflows, relevant for our thematics:
- > 8 preconfigured and validated workflows

G. Sarah
F. Homa

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G. Andres
A. Dereeper

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Documentation with Galaxy pages
Workflow / Example Datasets / History of analysis

2017: Galaxy Community Conference

~150 participants
Trainings, Hackathons, Talks, Birds of a feather meetups, Posters, Software Demos

2017: Galaxy Community Conference

400+ registered users
100+ original wrappers
30 shared workflows
~36,000 jobs / year
~53,000 CPU hour / year

What’s next?

Connection to our existing information systems through Galaxy APIs or Tripal
> Genome Hubs, SniPlay, GreenPhyl...

What’s next?

Continue adding new visualizations
> Structural variations, mosaic genomes, GWAS...

European user community
Kickoff meeting
14-16th March 2018, in Freiburg/Germany
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Thank you for your attention!