

Breakout session ELIXIR all hands 2016: Training and knowledge-exchange for ELIXIR Galaxy service providers

Minutes and action list

Important URLs

[Google drive folder with all documents related to the breakout](#)

[List of attendees](#)

[Galaxy recommendations document](#)

Goals & expected outcomes

In the breakout session we want to discuss

- the content and organisation of a workshop for Galaxy administrators and developers
- short term impact options: integration of ELIXIR services
- possible concrete actions to start building an ELIXIR Galaxy community

Proposed agenda

15' recommendations document overview (Frederik Coppens)

15' curriculum French course admin/dev (Jean-Francois Dufayard)

30' discussion on workshop: scope, curriculum, timing, host, ...

30' integration of ELIXIR tools/services into Galaxy

30' Galaxy community building within ELIXIR / EU

Notes & Comments

All participants are invited to contribute to these minutes. Please add your thoughts, comments etc.

Curriculum French course admin/dev (Jean-Francois Dufayard)

PPT Presentation: <https://drive.google.com/file/d/0BzhLKw4eK8K9eW93RE5UQIBCc1k/view>

Discussion on workshop: scope, curriculum, timing, host, ...

module 1 admin config ~ 1 day, module 2 ~ 1.5 days, module 3 ~ 1 day, module 4 Toolshed

BYOtool for tool integration?

Points for discussion

Extend the concept to Elixir partners:

- French G4B : a skeleton for an European G4B ?
- IFB could provide 4 modules : Adding new modules ?
- Extend / Adapt these modules for specific request ?
- First edition : where / when ?
- Trainees from all over Europe / More trainees
- Trainers from all over Europe / More trainers
- Good practices, advices

Elixir-Norway: very interesting, want to use some materials and/or send people. What is the language? Now in French but almost translated.

How is it announced? Can we learn about it? Can we send people?

We want to plan several editions, this is not a one time thing!

There can be several editions of the “first” one.

But it could also be good to develop a follow-up, to refresh / bring people up to speed. Could be e-learning?

Possible additions/ things , some nodes may have that material

- Galaxy on top of HPC cluster?
- Identification -> ELIXIR -based / edugain.
- How to build your own data repository and how to integrate / get this data in Galaxy. For local repositories but also for global ones.
- Take away the fear of updating to newest version of Galaxy :-)
- We want to build documentation documents
- Training datasets (may be more relevant for the researchers, not for the developers workshop)
- Output of the workshop can be integrated in Galaxy portal.
- Adding feedback of the users to the workshop for the developers! Feedback loop. Implement small session during F2F workshop where you invite few users to provide their input. “User committee”/ community of users. TrC can also provide input here that they can get from their trainees. Work towards best practises on user interface.

Elearning system? Like Brane /rnaseq/. Allegra now python.

Yes in parallel develop , first one F2F. Is pilot.

Implement first module in elearning system might be a good approach.

Where: France? France would be happy to host. France is rather central in Europe.

We expect funding from the Hub. Is in addition to EXCELERATE funding.

France will host for the first one.

Cambridge or Portugal could be second location.

Cambridge is getting Galaxy on HPC cluster. Experience with training users/setting up Galaxy on several cluster so there could also be a contribution to the training. Streaming/recording facilities could help with e-Learning integration. UK Galaxy community could also be involved?

2017: Galaxy conference in France. Could be occasion for third edition. As satellite but also maybe preferably in the conference itself.

Current events planned that we are aware of

EMBL Heidelberg developer workshop april 6-7 2016

ELIXIR-NO docker based deployment of Galaxy april 18-29

Swiss-German Galaxy workshop: October 20-21 2016

Netherlands: connecting WP11/EXCELERATE funding to the ongoing pilot

EGA/TrAIT/Galaxy/TransMart

For who?? Who can attend? Only ELIXIR people?

Good question. We have to find out the precise rules.

It will be a stepwise process. Probably first edition for elixir member institutions. Then after that open up. Organize ourselves first but with an open mind.

Would be great if all/ most of nodes could send representative.

Discuss with hub. Is this EXCELERATE funding? Probably ELIXIR Funding with other rules.

Plan is to expand. Open up to other communities.

Outcome of this workshop today: Write a document proposing the workshop, contain both

- Ideal content of workshop
- issues/questions related to funding model/participants selection

15' recommendations document overview (Frederik Coppens)

Ppt: <https://drive.google.com/open?id=0By-lPH2AUWfAQjUwQWxYUWx4ZW8>

- Install permanent Galaxy WG.
- integration

30' integration of ELIXIR tools/services into Galaxy

Galaxy intersects all platforms defined in EXCELERATE

GTN is already member of GOBLET.

We hope to get them further, e.g. as chair of committee, etc.

The ELIXIR-GTN-GOBLET link can help here

ELIXIR taskforce for developing documentation?

If you get a problem solved via the mailing list the solution does not necessarily end up in the documentation. This could be something we could contribute with our ELIXIR hat.

Galaxy team open for collaborations:

- Git
- Take responsibility for part of the functionality of the Galaxy platform.

Legislation stuff that has to be considered. Has to be handled correctly.

E.g. cookie handling.

Everyone in Europe needs this. If you have a public one.

Sharing of workflows through

It is on its way in Galaxy through Common Workflow Language

John ? is the main person

Ppt Herve Menager to be uploaded

Bio.tools - Tools and Data Service Registry.

For within and beyond ELIXIR tools

You can submit your tool by either webform or REST API

Registry relies on EDAM ontology

EDAM and bio.tools development is being done very closely together

Connection to workflow and workbench

ReGaTE automated publication of Galaxy tools and workflows into bio.tools

Is already available.

Feedback is welcome!

Question: Duplicates? Issue?

When registering, using the proper name is crucial

ReGaTE will not do the tagging etc. This has to be done carefully otherwise things cannot be found

Map galaxy datatypes with EDAM.

Bio.tools workbench enabler

Facilitate generation of Tool wrappers for bioinformatics/services using bio.tools entries

They are starting on this.

30' Galaxy community building within ELIXIR / EU

Galaxy WG to testdrive the virtual coffeeroom. Demo.elixir.ut.ee

If things come up in the coffeeroom, it has to be taken up by the Galaxy WG to move further on this.

Is there a connection to biostars? Ideally it should go there automatically... would be visible as input from the ELIXIR Galaxy WG.

Action list

1. Getting ELIXIR Galaxy community organised
 - a. Everybody to fill in their name & contact in the attendee list of this meeting :-)
 - b. Everybody to register to ELIXIR intranet and become part of the Galaxy WG.
 - c. ELIXIR Galaxy mailing list. Is everybody on this list already?
 - d. ELIXIR Galaxy WG to testdrive Virtual coffeeroom (developed within Train the Developer subtask in Training Platform) demo.elixir.ut.ee .
 - e. Do we want regular skype meetings for the ELIXIR Galaxy WG?

2. F2F workshop - document has to be written.
Please let us know if you want to participate!
Timeline: ???!! when do we want to have this ready?
 - a. Work to refine the curriculum/content of the developer workshop, first edition to take place in France, Fall 2016.
 - b. Work to clarify the procedures/rules that are in place.

3. Action: Galaxy - bio.tools connection
Next step?

4. Action: Writing Documentation