



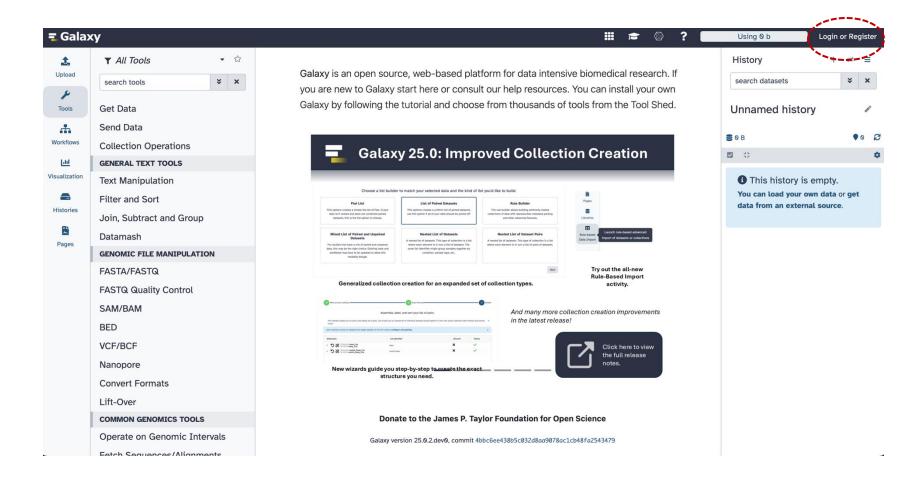
QBioCode with JupyterLab *in Galaxy*



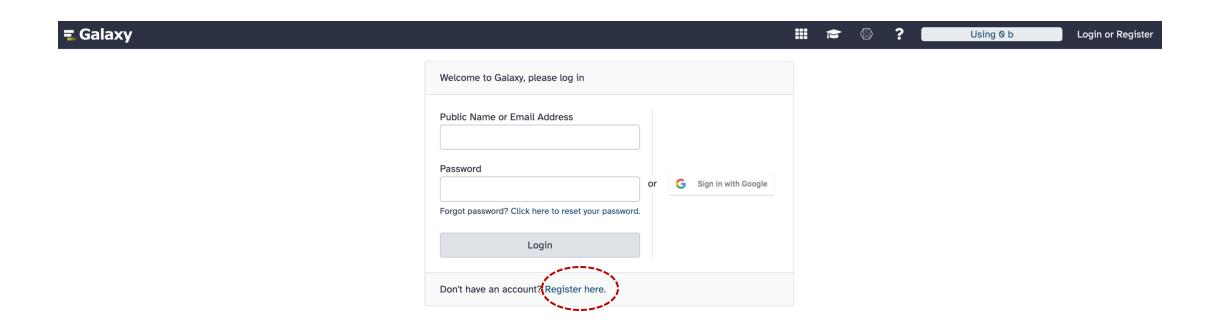


Create Account

If new to
 Galaxy, create
 a new account
 on
 usegalaxy.org



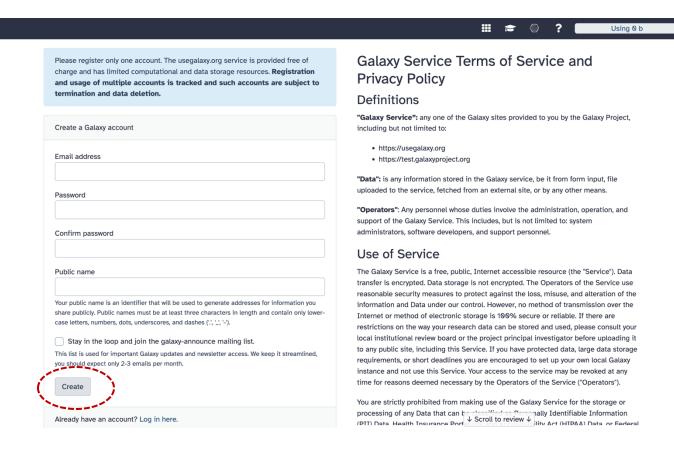
Create Account



Create Account

= Galaxy

- Fill in your user information and then wait for confirmation email.
- Follow instructions in confirmation email.
- Be sure to check your spam/junk folder if you don't receive it.



Login or Registe

Access the Dedicated Training Allocation

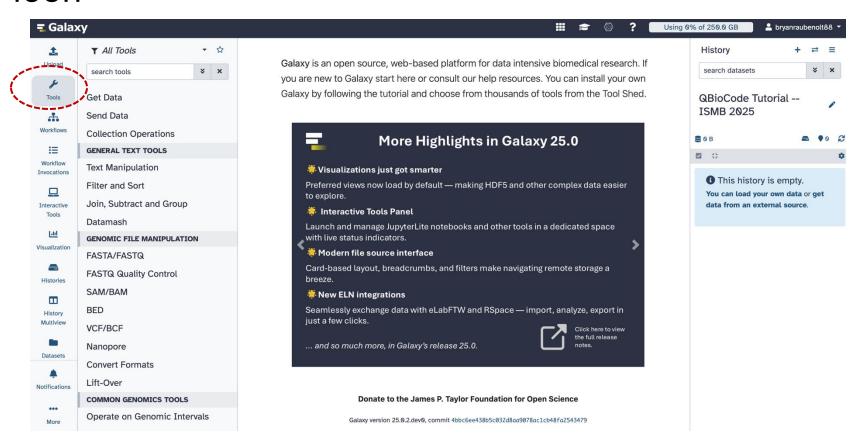
- We have a dedicated allocation for this training session, providing more compute resources for you.
- Simply click the link below after you have logged into usegalaxy.org:

https://usegalaxy.org/join-training/ismb2025-qbc/

• Your jobs will now be run in the "ismb2025-qbc" allocation.

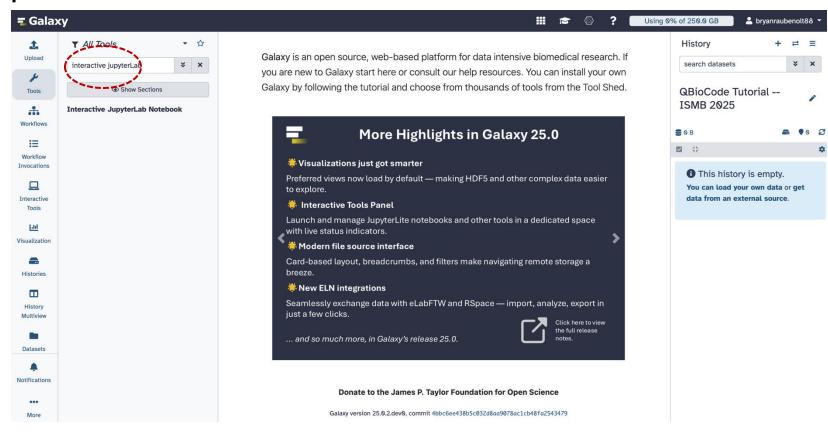
Find the Tool

 After you're logged in. Bring up the tool panel by clicking the "Tools" icon

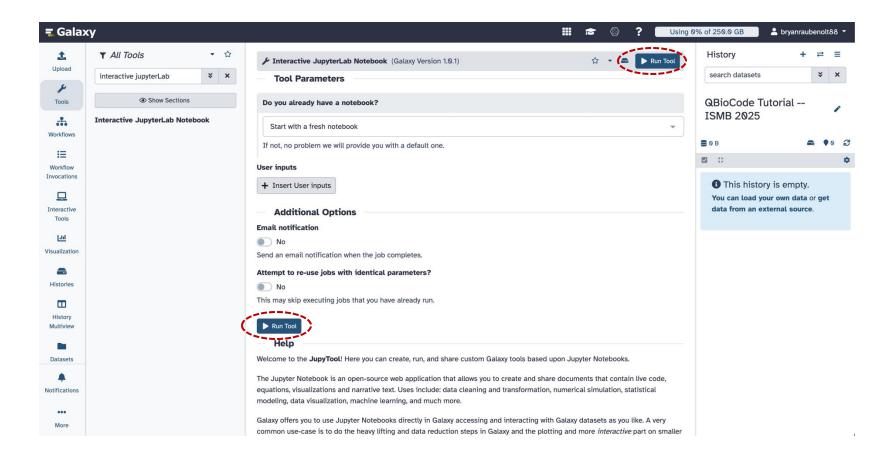


Find the Tool

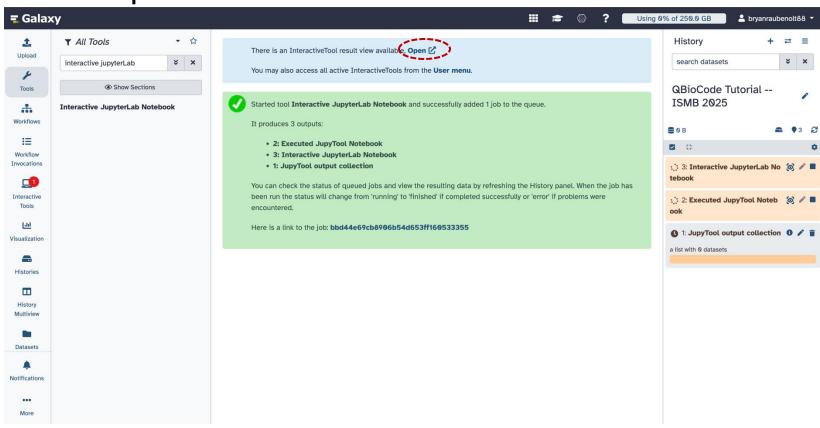
 Search for "Interactive JupyterLab..." and click on the tool that comes up



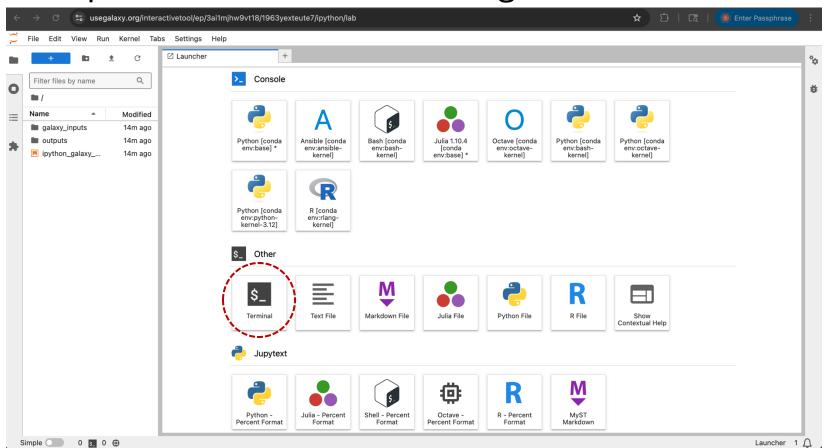
• Click on "Run Tool".

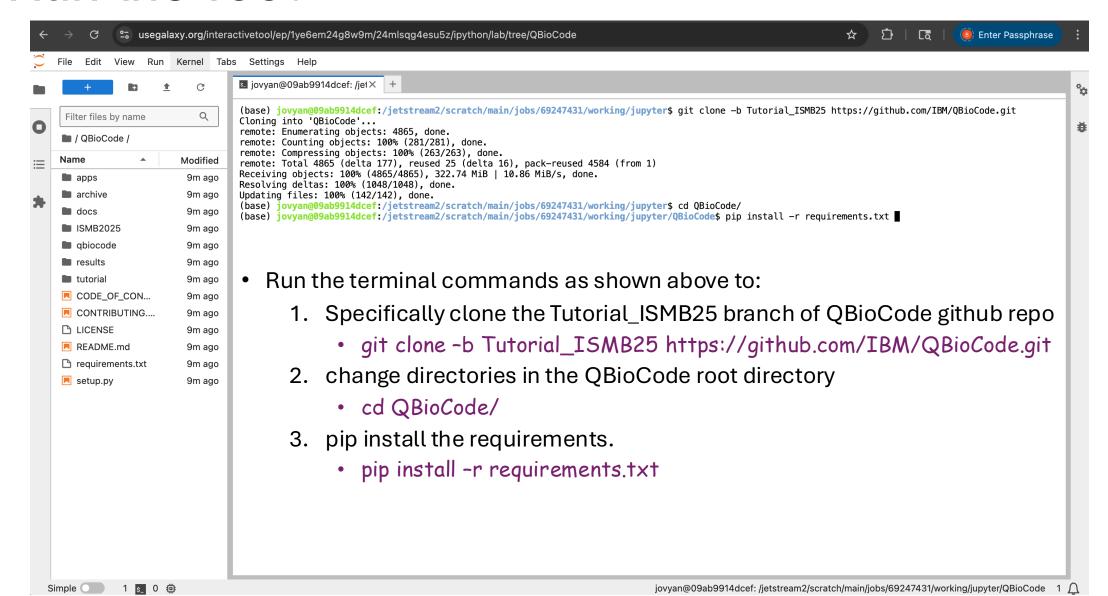


• Wait until tool becomes active (orange colors in your history items) and then click open.



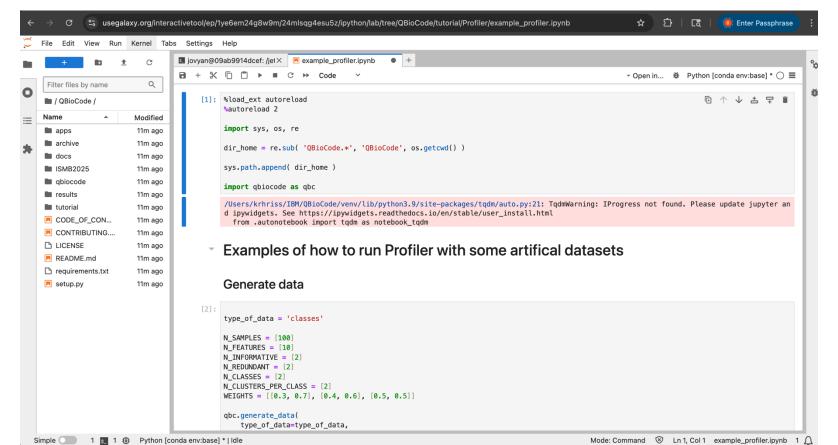
• A new browser window opens up containing the tool's jupyter lab instance. Open a terminal window to get started.





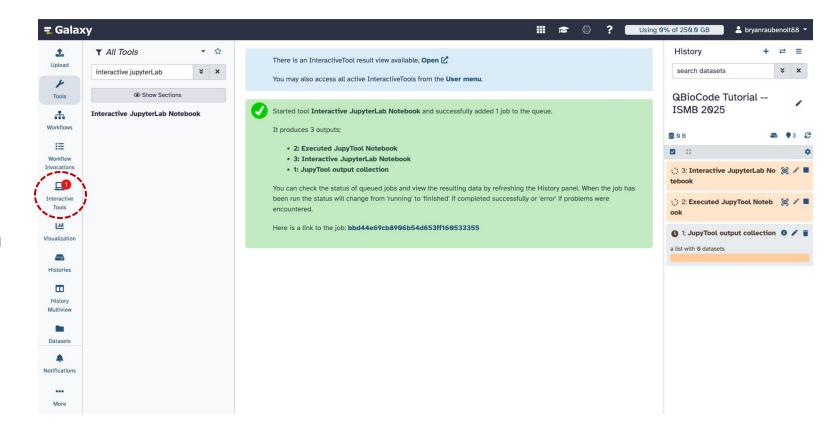
Begin the QBioCode Tutorial!

 Your environment should now have all the packages installed, and you can now go through the whole QBioCode Tutorial, using Galaxy!



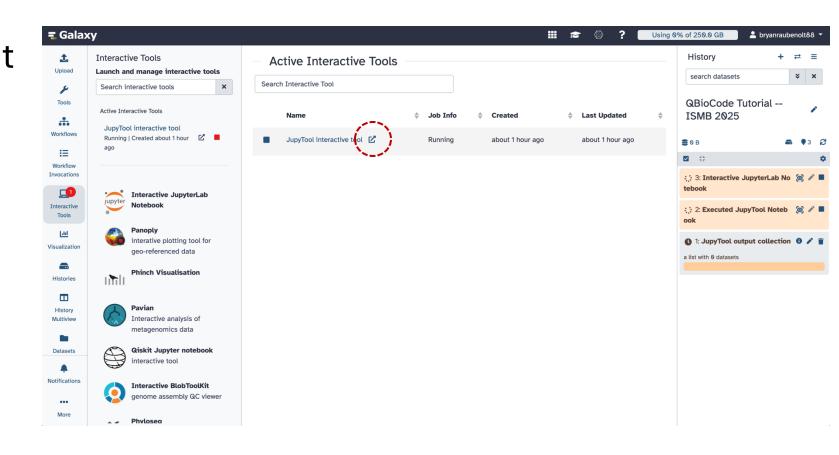
Reopening your session

 We recommend to not close your browser, but if you do and need to come back to your JupyterLab instance: Go back to the usegalaxy.org and click on Interactive Tools.



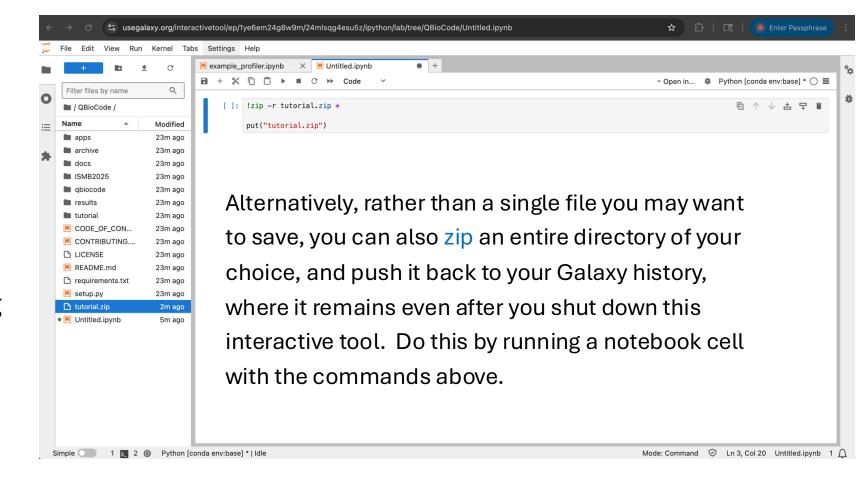
Reopening your session

 Click on your current running tool and a new tab should reopen your
 JupyterLab session.



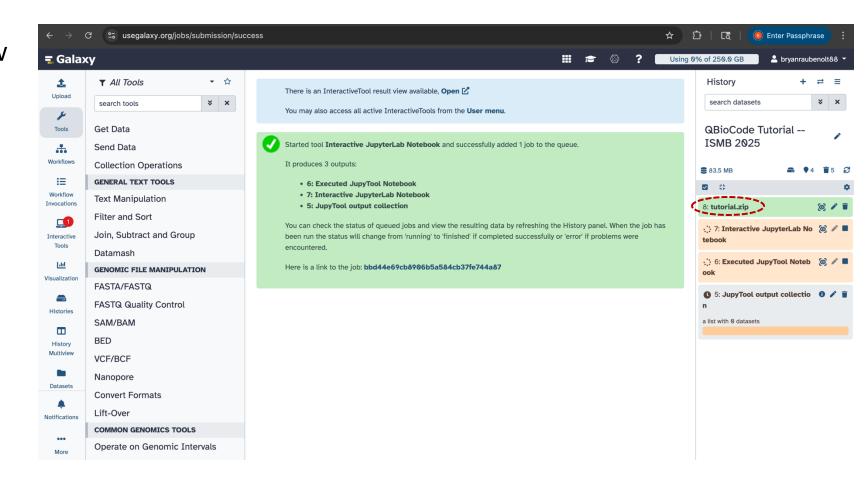
Saving your files

- If there are any files you want to keep, you can either download them to your computer directly from the JupyterLab instance (right click + Download), or you can push into your Galaxy history, by simply running this command in a notebook cell:
 - put("file.ext")



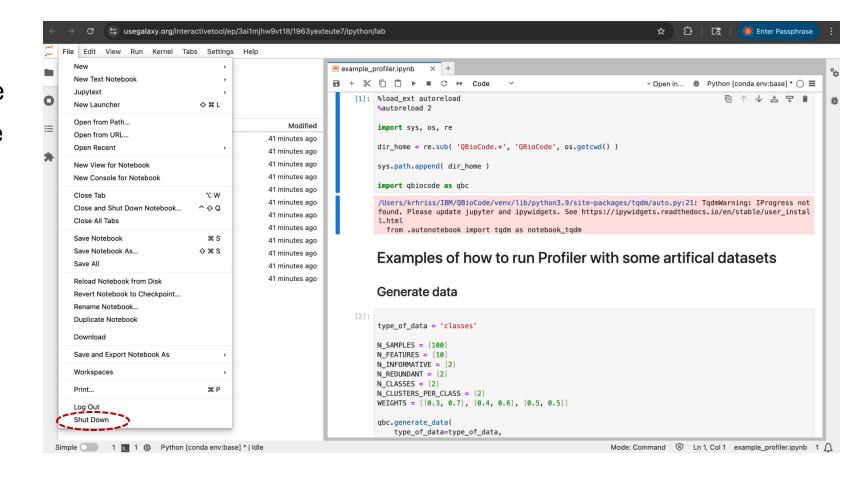
Saving your files

 Your saved file was now pushed back into your Galaxy history, where you can access again anytime.



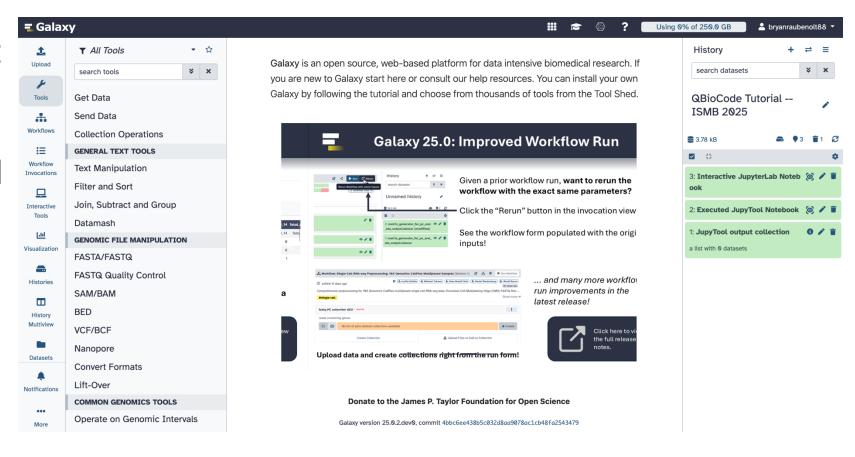
Shutting down your tool

 You will want to properly shutdown the Interactive JupyterLab Tool once the tutorial is done.



Shutting down your tool

 Your tool's history items will now light up in green, indicating a successful run and shutdown of the interactive tool!







Thanks for using Galaxy in this tutorial!

- For information on Galaxy, and other useful tutorials for biomedical research analysis:
 - https://training.galaxyproject.org/training-material/
- For more information on how to use this specific Interactive JupyterLab Tool:
 - https://training.galaxyproject.org/training-material/topics/galaxy-interface/tutorials/jupyterlab/tutorial.html



