Open Science Droplets 02

Collaborative Science online, Github

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ⓘ email from Galileo

Hi again!

Thanks for sending me the notebook you prepared but I cannot open it. How can I see it? Also, I will be travelling during the following days, if you could send me something I can explore from my mobile phone, that would be great!

Cheers,

Galileo

Motivation

- In session 01 we created a Jupyter notebook
- Now we want to share it with our collaborator
- Includes version control
- Use an online service (persistent backup and availability)

Requirements

- Account on github.com # Create a repository on GitHub
- log into github.com (others: gitlab, bitbucket, etc)
- create and initialize a repository

Share: Add the notebook to the repository

- Click upload files
- Choose the notebook from your PC

Update the notebook

- jupyter lab # open and edit notebook
- git add
- git commit -m " here is my change "
- git push
- see updated notebook in web browser

Collaborate: GitHub issues

- Open an issue in GitHub

Problem

- My boss can see the notebook but cannot execute it
- Solutions in the next session!

Reference Material

- To learn more: Github Guides https://guides.github.com/
- Jake Vanderplas: https://bit.ly/36z1IyG
- Which license to use? https://choosealicense.com/