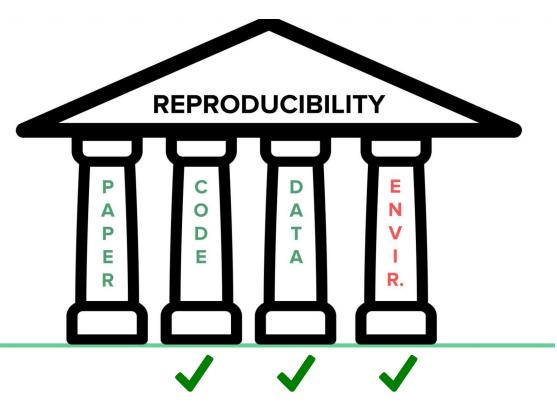


A Practical Introduction to Reproducible Computational Workflows

Wrap-up

Four Pillars of Reproducible Research



Open Science

- Open access publications
- Open data
- Open source code
- Open execution environment

workflows and results!

tools to publish a reproducible

Today we learned techniques and

Tools and Infrastructure



Computational Notebooks: Jupyter Notebook Jupyter Lab





Open-source package and environment management system

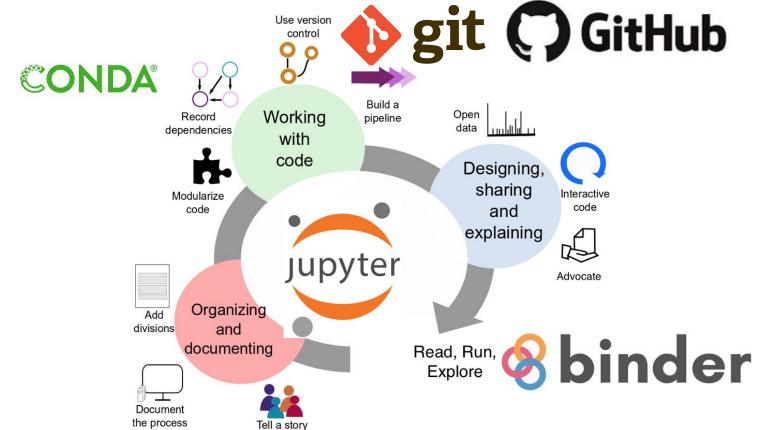


Version-control system Version-control system for tracking changes in source code source code

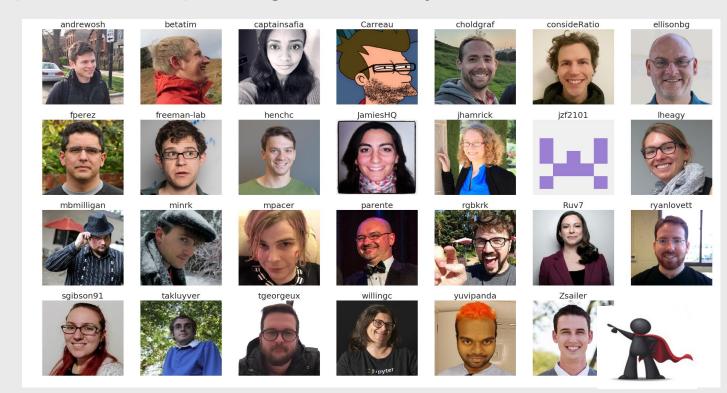


Source code

Tools to Support Reproducible Workflows



A round of Applause for the Jupyter/Binder Team and all the developers and maintainers of the open source packages used by this tutorial.





Acknowledgements

PWR was funded by the San Diego Supercomputer Center, UC San Diego



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https://goo.gl/forms/0sR1kfVO6nj4X8bO2