Reproducibility and Open Science Working Group

Goals and Activities

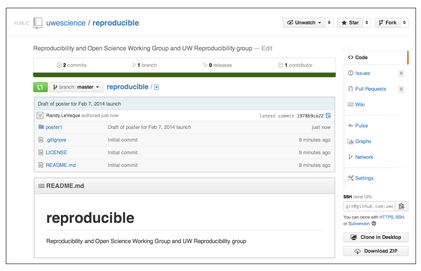
- Increase awareness of sharing, preservation, provenance, and reproducibility best practices across UW, NYU, Berkeley campuses and encourage their adoption.
- Make reproducibility and openness the default for work supported by the Foundations.
- Develop guidelines of "best practices" for reproducibility that can be broadly applied across a range of disciplines.
- Share expertise on existing tools, leveraging diverse range of expertise in science and software across the institutions.
- Host seminars, tutorials, workshops, short courses, boot camps.
- Hold office hours for hands-on assistance.
- Incorporate these topics into existing curriculum or new courses developed.
- Work with the libraries on data curation.
- Experiment with different alternatives to certify results as reproducible.
- Explore creation of overlay journals to expose reproducible articles in various domains.

Some available tools

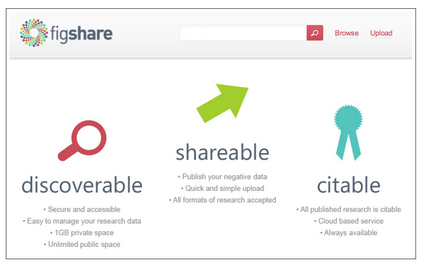
Many tools are available to assist in making your research more reproducible and/or open.

A few examples are below. See our webpage for links.

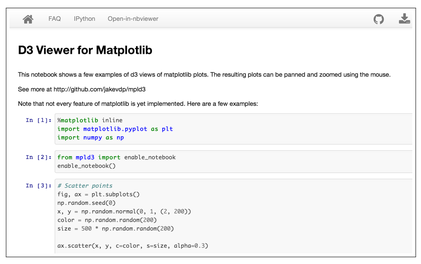
GitHub for version control / sharing:



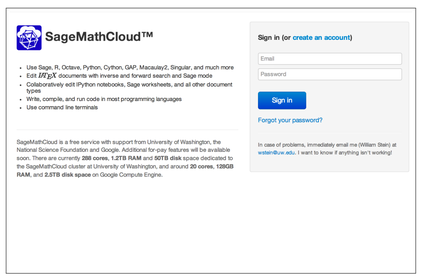
Figshare for digital publishing / DOIs:



IPython notebooks:

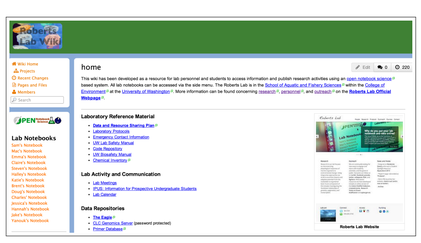


SageMathCloud for sharing code:



VisTrails for provenance tracking:

Open Notebook Science:



UW Reproducibility Group

All are welcome.

Meets at 2:30pm on the second Tuesday of each month.

Join our mailing list for announcements and discussion.

Workshop — May 8

A one-day workshop is scheduled on May 8, 2014.

Come to the morning sessions to learn more about the topic and/or join the break-out groups in the afternoon.

For more information

Visit the webpage below for more links and resources, including the schedule of the May 8 workshop and the mailing list for the UW Reproducibility group.

http://escience.washington.edu/...reproducible

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