



www.software.ac.uk

RAMP Online Git Software Carpentry

30 April 2020, Zoom

Sam Mangham & Steve Crouch

Software Sustainability Institute



Arts & Humanities
Research Council



BBSRC

EPSRC

Engineering and Physical Sciences
Research Council



MRC

Medical
Research
Council

NERC

SCIENCE OF THE
ENVIRONMENT



Science & Technology
Facilities Council

What we covered today



www.software.ac.uk

- Version control: what it is and why to use it
- Using Git repositories to track changes
- Exploring and comparing history of changes
- Working with remote Git repositories
- Using branches to scale collaborative development
- Submitting pull requests to merge changes

- This was just a taster
- Many more courses available on software-carpentry.org



- Including how to handle merge conflicts
- Intermediate-level materials in development!

- The Software Sustainability Institute has a range of guides
 - <https://www.software.ac.uk/guides>
- **Continuous Integration** – automatically test your code every time you push to GitHub
 - <https://software.ac.uk/using-continuous-integration-build-and-test-your-software>
- **Writing Readable Source Code** – make your code easier for collaborators to read
 - <https://software.ac.uk/resources/guides/writing-readable-source-code>



- This was a pilot lesson!
- We want your thoughts on how it went
- Please fill in the post-workshop survey:
<https://bit.ly/ramp-post-workshop>