Introduction to Git

Pre-course checklist

In Introduction to Git, there is no assumption of any background in Git, or even version control. Instead, this introduces you to version control topics and provides a deeper understanding of how things work, all from the perspective of an R user. The practical elements of the course utilise the user interface on RStudio so, while there's no prerequisite on R, you should be familiar with the RStudio software.

Version control is a powerful tool across software engineering disciplines. At a high level, it allows you to keep track of changes, undoing them when necessary, and collaborating at scale. This course introduces you to Git as a version control tool (arguably the most popular), GitHub and Gitea. You'll learn about repositories, commits, branches, and pull requests.

Learner Setup

Required for all learners

- Access to Posit workbench
- Sign up to Github using PHS email (**https://github.com/signup**) - see **Github guidance**
- Access to the **PHS organisation in Github**
- Access to repo: **https://github.com/Public-Health-Scotland/learn-git**
- **Set up SSH key for RStudio**
- **Configure your details**
- Create a folder on the stats drive where you can save the training materials.

Personalised to learner

Required

- Discuss any learner accessibility needs
- Discuss learning for after training session (further training / work project / personal project)

Optional

- Dual monitor access?
- **Gitea for PHS** profile created

Contact

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Translations and other formats of this checklist are available on request.