

Introduction to Version Control with Git

Workshop Description

Learning Git is a core skill for anyone who codes. Git is the standard tool for version control of code and other text files. Git protects your projects by recording every step, allowing you to recover files and reverse errors easily. In combination with GitHub, it turns reliable version control into a powerful tool for collaboration and open and reproducible science.

The main goal of this workshop is to give you the basic skills to start using Git for your own projects both individually and in collaboration with your friends & colleagues.

In 2 sessions, we will cover the following topics:

1. Basic Git concepts and workflow for individual projects (Initializing a repository, committing changes, pushing to a remote repository on GitHub)
2. Collaborating with Git and GitHub (Branching, merging, pull requests)

You will learn both theory and practice through hands-on exercises.

Who Is This Workshop For?

The target audience for this workshop is beginners without prior experience with Git and GitHub. However, it may also benefit those who already use Git for personal projects but want to learn more about the underlying concepts and collaboration techniques involving Git and GitHub.

Who Is the Instructor?

I am a scientific programmer in the theoretical ecology group at Freie Universität. I enjoy sharing knowledge about tools and workflows that make research more reproducible, robust, and enjoyable.

If you have any questions regarding the course, please don't hesitate to contact me at selina.baldauf@fu-berlin.de.