

# What is the difference between



The communication protocol

and



A service hosting content online

Bitbucket is an alternative hosting service



# Git & Github

## 1. A system to track changes (git)

- ▶ They allow you to keep track of changes in your scripts (= version it)

## 2. A system to store your code online (GitHub)

- ▶ This allows you to store your code online and share it with other users

## 3. A system to code new features/analyses safely

- ▶ Both will allow you to come back to a previous version of your scripts if the current versions do not work anymore
- ▶ They also allow implementing new features 'on the side', independently from the main version of your scripts, without risking destroying your current code

## 4. A system to collaborate

- ▶ GitHub provides the online platform to share the code easily while git provides a protocol to work together on the same code and manage changes in common scripts made by different collaborators

