

# Hands on GIT

# Basic Git Commands

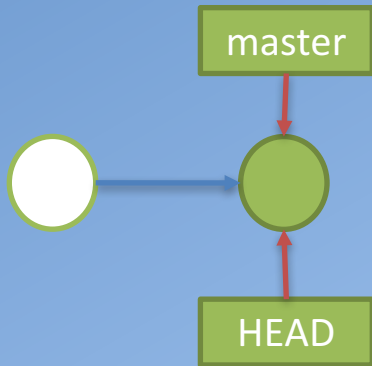
- `git init`
  - Initializes the current folder as a git repository



- `git status`
  - Current status of the folder

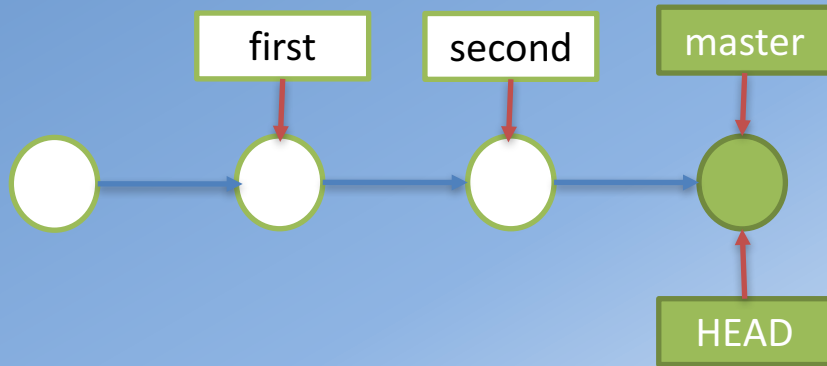
# Basic Git Commands

- `git add <file(s)/folder(s)>`
  - add file(s)/folder(s) to staging area
- `git commit`
  - commit the changes to the git repository



# Basic Git Commands

- `git log --oneline`
  - see a brief log of commits
- `git checkout <commit> <file>`
  - checkout the file from an older commit



# Basic Git Commands

- `git reset <file>`
  - unstage a staged file, but leave working directory unchanged
- `git reset`
  - reset the staging area to the last commit without disturbing the working directory

# Online Git Repository

- Several online Git repository service providers:
  - GitHub (<https://github.com>)
  - Bitbucket (<https://bitbucket.org>)

# Online Git Repository Commands

- `git remote add origin <repository URL>`
  - Add the remote online repository
- `git push -u origin master`
  - push the local git repository to the origin to the master branch

# Online Git Repository Commands

- `git clone <repository URL>`
  - Clone an online Git repository to your computer