

# Intro to Git and GitHub

## Git

- Git is a version control system widely used in open source software
  - Created by Linus Torvalds in 2005
- Is a distributed VCS
  - Everyone has a full copy of the repository, including history
- Git is pre-installed on most Linux systems, including GL
  - If you need to download it, follow the instructions at <https://git-scm.com/downloads>

## GitHub

- Even though Git is distributed, the files still need to be shared between collaborators
- Any publicly accessible web server could serve this purpose but
  - GitHub adds lot of nice features on top, including a nice web interface to view code in
- GitHub is not the only git host, but is by far the largest
  - BitBucket is another popular one, gives unlimited free repositories