CS 699 – Lec 8
Version Control - Gits
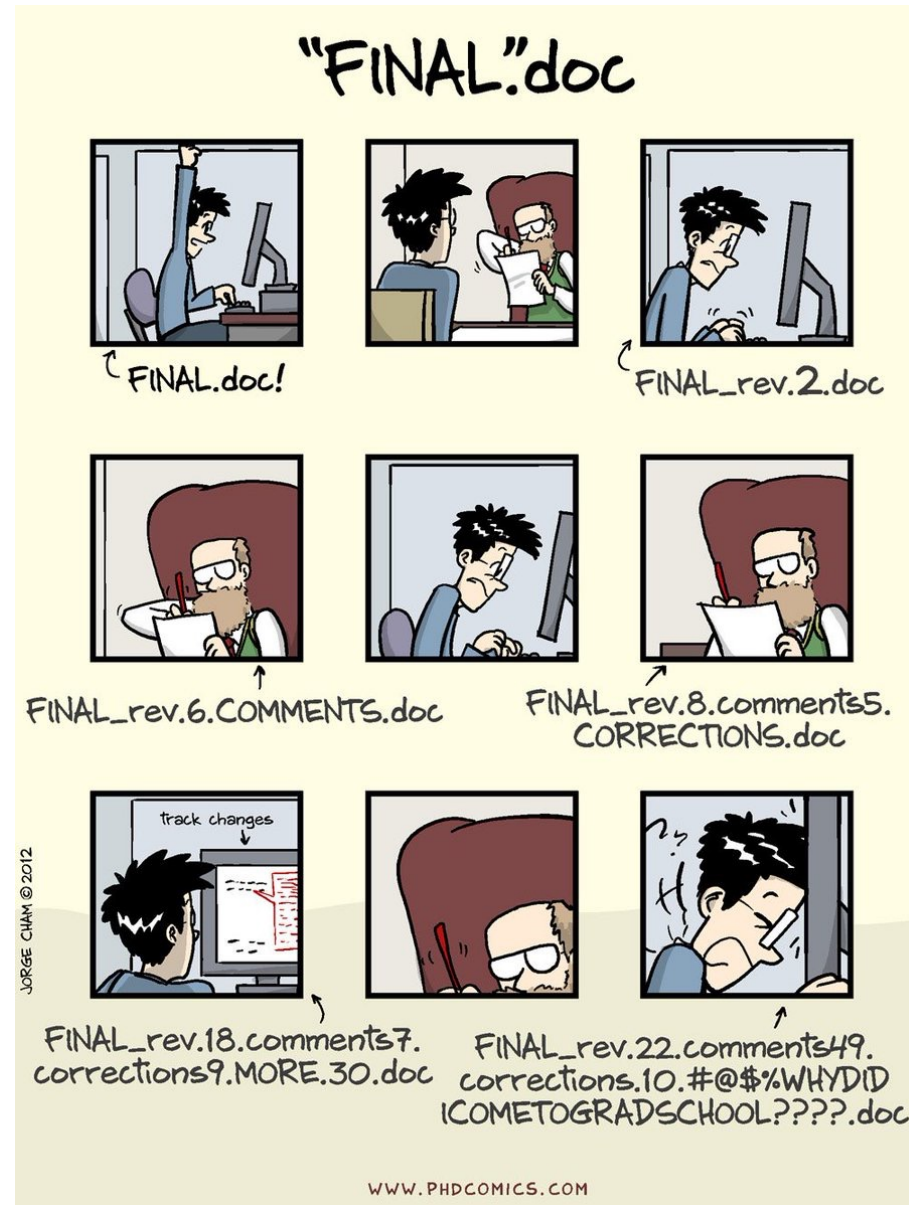
Om Damani, CSE IIT Bombay

Logistics

- 5-min Project presentation after class
  - bring your laptop to me
  - whole team must come
- Any other question
- After deadline, submissions are marked late
  - cutoff time is not deadline – it is there just to take care of network problems at deadline

Version Control

Version control system

- track changes in software projects

- view previous versions of files

- develop experimental features without disrupting the main development,

- securely back up the project and its history

- collaborate with others

- History: RCS, CVS, and Subversion, later Perforce, Bazaar, Mercurial etc.

- Git: Distributed version control system

Git vs Github

- Git: A version control software

- GitHub
  - an online hosting platform
  - provides services built on top of the Git system
  - Similar platforms include Bitbucket and GitLab
  - most popular version control platform

Starting with Git