



HAVE YOU EVER CREATED FILES LIKE THIS:

thesis.tex

thesis_draft.tex

thesis_draft_final.tex

thesis_final_v1.tex

thesis_really_final.tex

⇒ VERSION CONTROL

THERE IS ONLY ONE PROJECT

GIT IS A DISTRIBUTED VERSION CONTROL SYSTEM

FOR YOU - GIT MAKES SOFTWARE REPRODUCIBLE

FOR LARGE TEAMS - GIT ALLOWS INDEPENDENT / SYNCHRONOUS WORK

Git TERMS

REPOSITORY - RECORD OF FILES & THEIR CHANGES

COMMIT - SNAPSHOT OF THE PROJECT AT A PARTICULAR TIME

BRANCH - COMMITS ORDERED IN A LINEAR SERIES

MERGE - PROCESS OF COMBINING TWO BRANCHES INTO ONE

PUSH/PULL - ACTIONS TO MOVE COMMITS

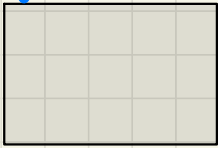


FORK



git clone https://forkrepo
git remote add upstream https://

git add stars.py
git commit -m
"ENH: calc logg"
git push origin main



MY COMPUTER



YOUR COMPUTER*

~~stars.py~~ untracked
stars.py

git pull upstream main
git push origin main

ADDING FEATURES — USE A BRANCH

git branch [branch name]

CHANGES

CHANGES

CHANGES add, commit,

git checkout main

git merge [branch name]

git push origin main