

Session -1

WELCOME To Mlops

Gith and Github

Jan 03, 2024

Github telling
me my project
has a security
vulnerability



My project
which hasn't
been touched
in three years



GitHub
offering
GitHub Pro
for students



A GENDA

- 1 Gith
- 2 Github
- 3 Terminologies (Project) - Push, Pull, Commit
- 4 Branching
- 5 Conflict Resolution
- 6 Contribute to open source projects

MLOPS



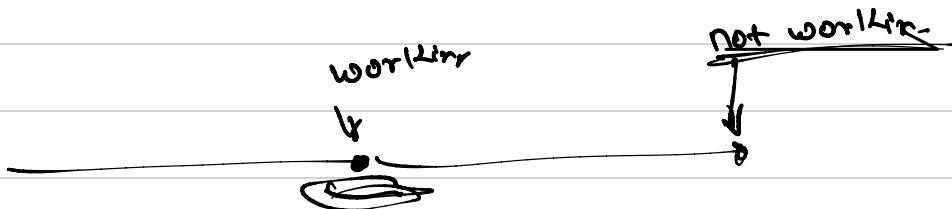
MLOps vs DevOps debate

Is MLOps actually like DevOps?



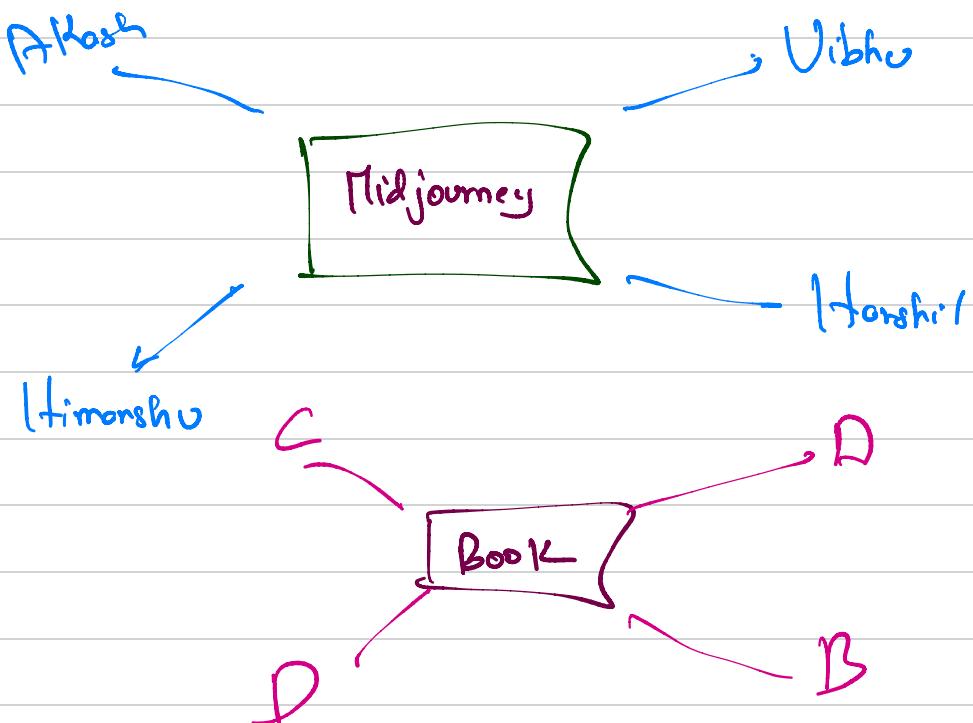
GIT - VCS

Version control System



DIFF kinds

① Centralized VCS → SVN



Pros

: Increased Security

Manageable → What is the latest version

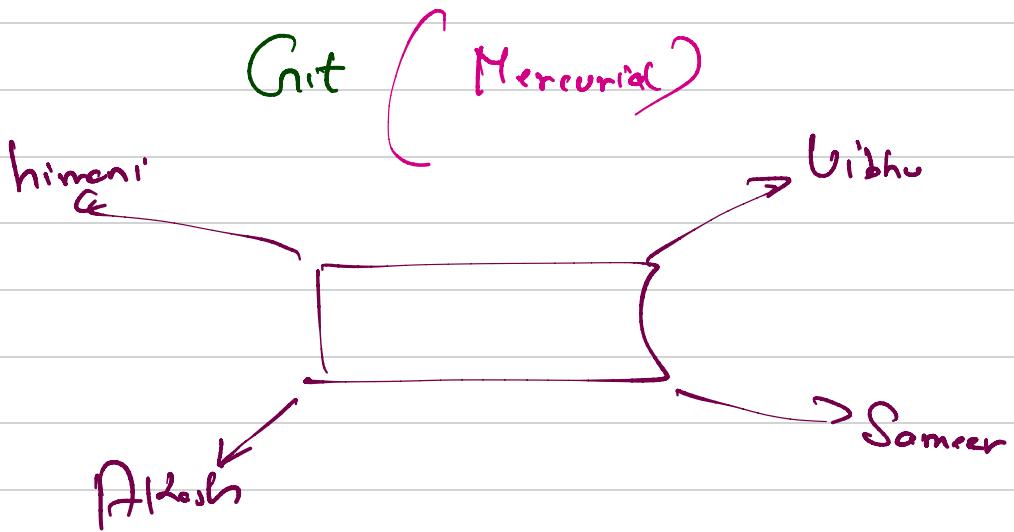
Cons.

If main server goes down - 😞

Can't work independently / Parallel

②

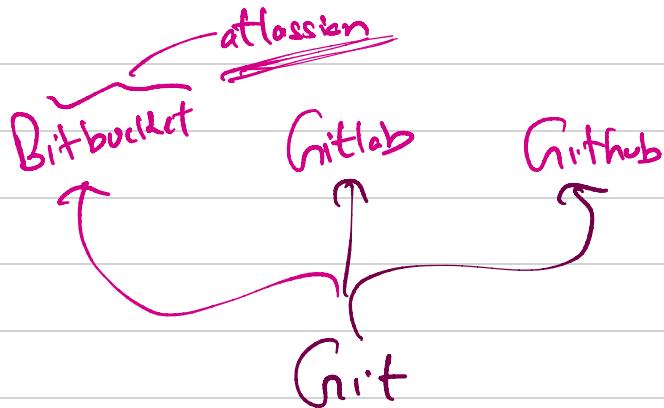
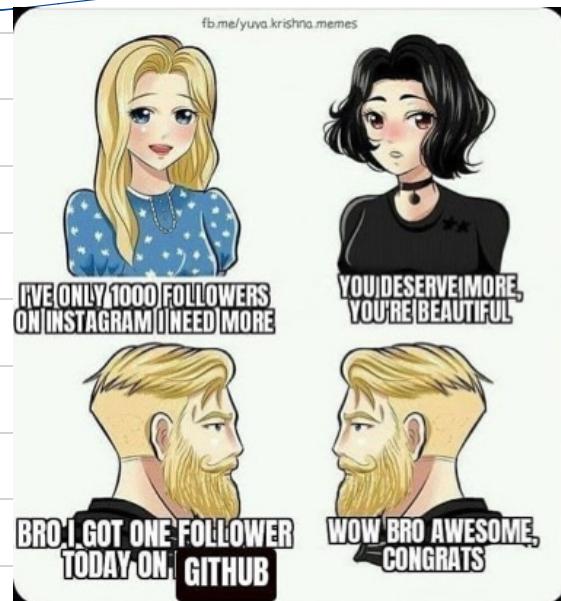
Distributed VCS



GITHUB

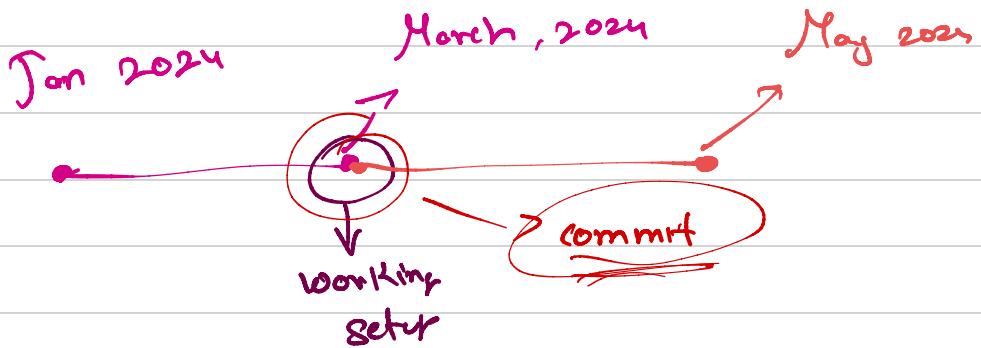
* Works on top of git (on line cloud)

Server



GIT - TERMINOLOGIES

- * repository → Folder
- * local repo → repo on local system
- * Remote repo → " " " remote "



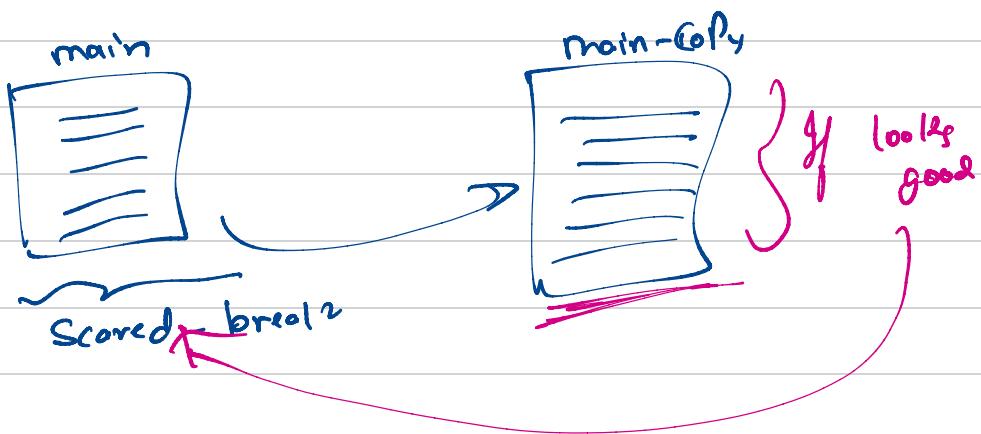
Pull → Pulls data from remote reP

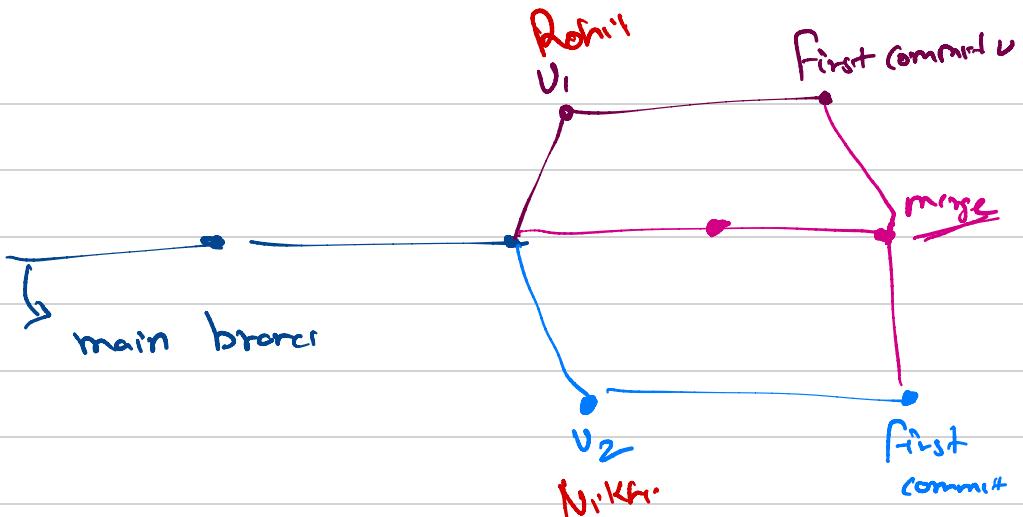
Push → Pushes " " to " " >

.IPynb-checkpoints
} .DS_Store
} .gitignore

Password.cfg
config.cfg
classified.txt

BRANCH





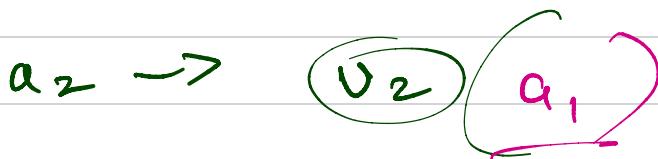
main → Howdy ??

V1 branch → Want hire!!

V2 branch → I want more hire!!

main → want hire

Conflict (manually resolv.)



GSoC-Project

allowed to
change your repo!!

meaningful to
contribute

For 12 → Create a copy of repo
in your github account

