

WOMEN WHO CODE[®] SINGAPORE

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[wwcodesg mailing list](#)

“DEAR WOMEN, WE NEED YOU” -The Tech Industry

Tech jobs are growing. **Fast.**
THE MARKET IS NOT
PREPARED TO FILL **600,000+**
GLOBALLY

WOMEN WHO
#ApplaudHer
CODE[®]

OUR MISSION

Inspiring women to
excel in technology
careers.

WOMEN WHO
CODE



WHAT WE DO . . .

Organise technical events

Code Review (Newsletter)

#ApplaudHer

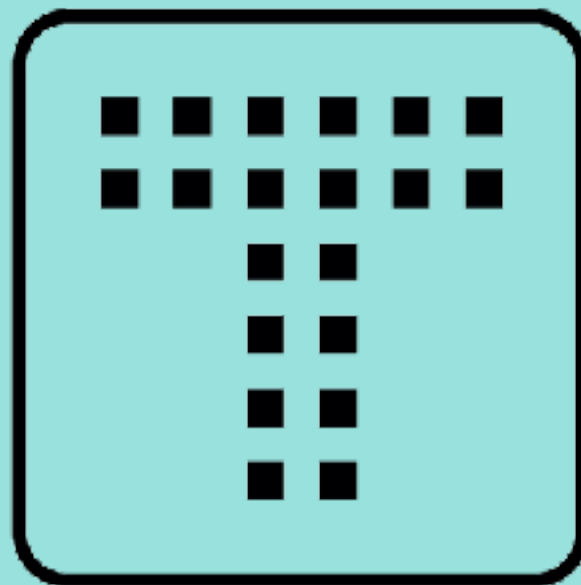
Scholarships

Conference Tickets

Job board



THANK YOU TO OUR HOST



TITANSOFT



YUE LIN CHOONG

CODE REVIEW ON GIT



git

- ▶ Distributed v.s. Centralised
- ▶ Content tracking

THIS IS GIT. IT TRACKS COLLABORATIVE WORK ON PROJECTS THROUGH A BEAUTIFUL DISTRIBUTED GRAPH THEORY TREE MODEL.

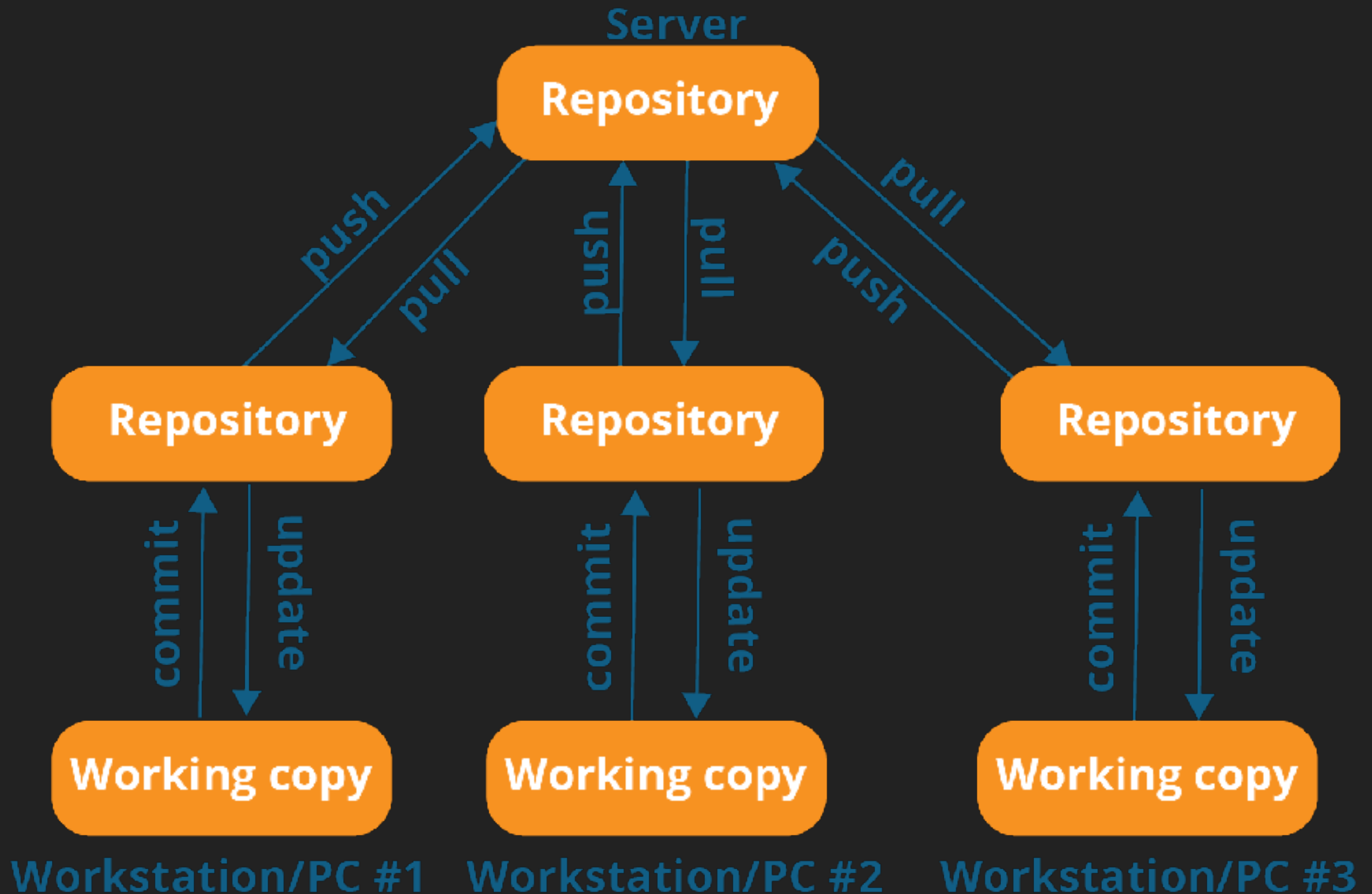
COOL. HOW DO WE USE IT?

NO IDEA. JUST MEMORIZE THESE SHELL COMMANDS AND TYPE THEM TO SYNC UP. IF YOU GET ERRORS, SAVE YOUR WORK ELSEWHERE, DELETE THE PROJECT, AND DOWNLOAD A FRESH COPY.

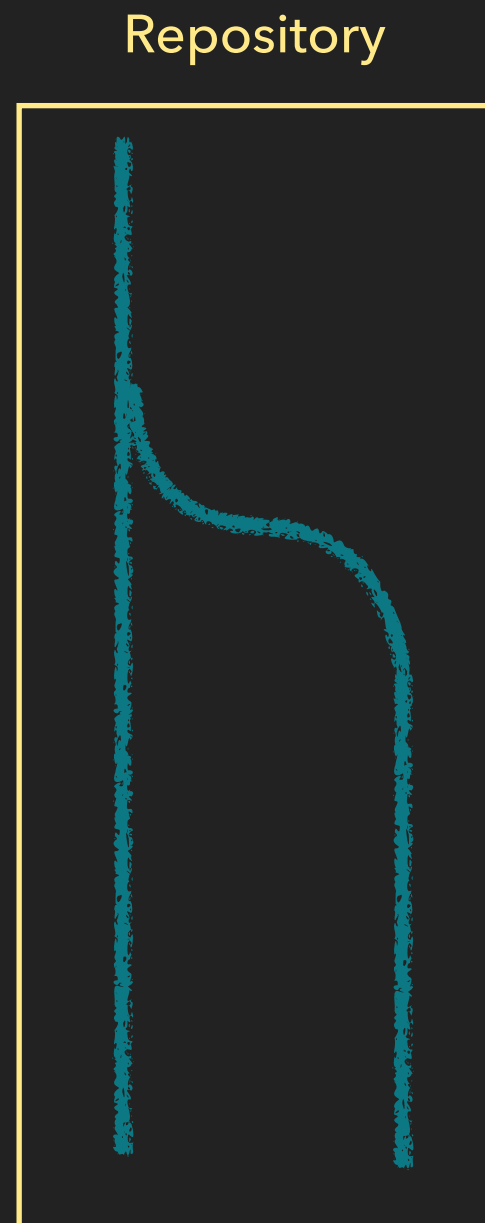


GIT AS A CODE VERSIONING SYSTEM

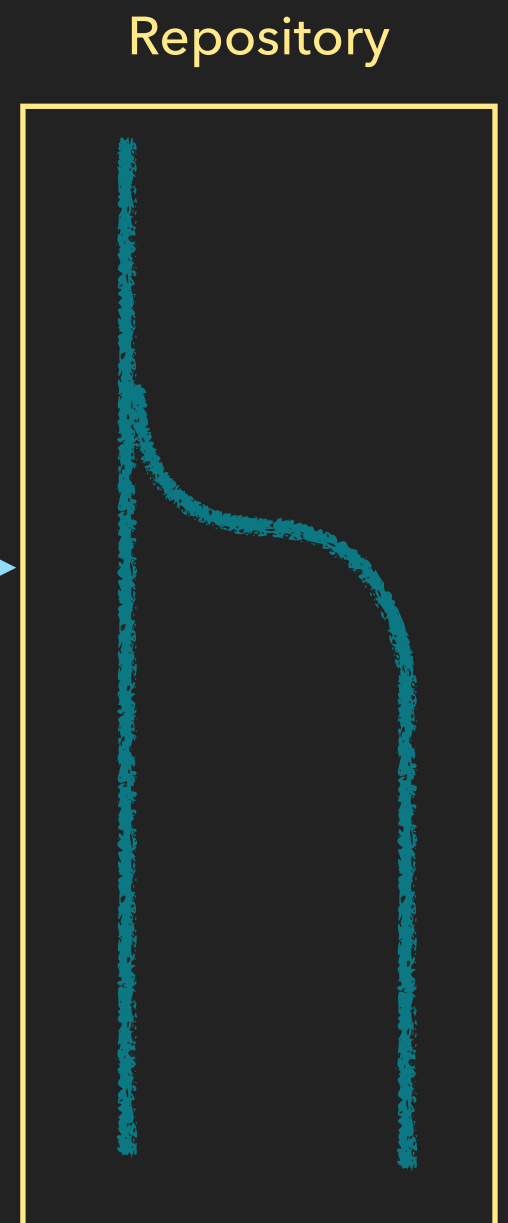
Distributed version control system



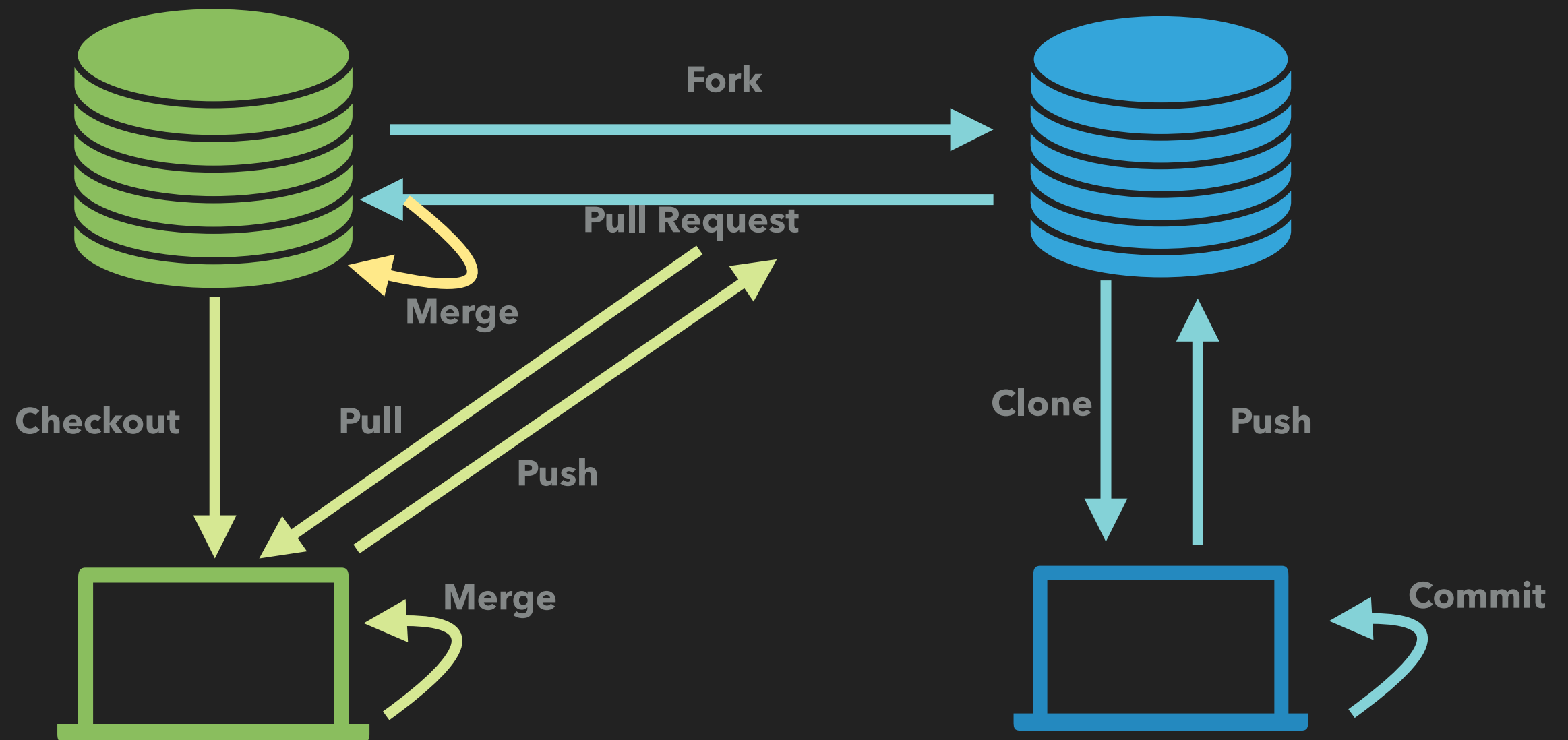
FORKS AND BRANCHES



Fork



PULL REQUESTS



COMMANDS REFERENCE GUIDE

- ▶ `git fetch` - Download objects and refs from another repository
- ▶ `git branch` - List, create, or delete branches
- ▶ `git log` - Show commit logs
- ▶ `git diff` - Show changes between commits, commit and working tree, etc
- ▶ `git merge` - Join two or more development histories together
- ▶ `git checkout` - Switch branches or restore working tree files
- ▶ `git pull` - Fetch from and integrate with another repository or a local branch
- ▶ `git push` - Update remote refs along with associated objects

WORKSHOP STEP-BY-STEP > CREATE PULL REQUEST

- ▶ Pick an issue to work on at the project board <https://github.com/wwcodesg/Git-Workshop/projects/1>
- ▶ Comment on the issue (Yue Lin will add the commenter as a collaborator)
- ▶ Fork <https://github.com/wwcodesg/Git-Workshop>
- ▶ Clone
- ▶ Work on issue. Commit changes and push own repository.
- ▶ Create a pull request to wwcodesg/Git-Workshop

WORKSHOP STEP-BY-STEP > GET PULL REQUEST

- ▶ Read review description on Partner's Pull Request
- ▶ `git remote add upstream https://github.com/wwcodesg/Git-Workshop.git`
- ▶ `git remote -vv`
- ▶ `git fetch upstream`
- ▶ `git branch --all`
- ▶ `git checkout -b pr<pull request #> master`
- ▶ `git pull https://github.com/arynchoong/Git-Workshop.git master`

WORKSHOP STEP-BY-STEP > REVIEW

- ▶ `git log master..`
- ▶ `git log --oneline --graph`
- ▶ `git diff master`
- ▶ `git diff master --stat`
- ▶ `git diff master <filename>`
- ▶ `git branch --all`
- ▶ Make your changes
- ▶ `git add --all`
- ▶ `git commit -m "Your message here"`
- ▶ `git push`

WORKSHOP STEP-BY-STEP > MERGE

- ▶ `git checkout master`
- ▶ `git pull --rebase=preserve origin master`
- ▶ `git merge --no-ff pr#`
- ▶ `git push`
- ▶ `git branch --delete pr#`
- ▶ `git push origin --delete pr#`
- ▶ Merge pull request on GitHub

Coming soon ...

Our next event:

Machine Learning Speakers

Monthly session:

Social Coding Friday

wwcode.slack.com

[wwcodesg mailing list](#)

[workshop assistant volunteer](#)