

Git Introduction

Trần Đức Lợi

[Pythonvietnam.info](http://pythonvietnam.info)

Fork, pull, push

- Fork: copy a repository to user account
- Push: push local repo to remote repo
- Pull: tell admin about changes that has been pused to repo

Basics command

- Git clone <http://xxx>
- Git status
- Git add/rm filename filename2
- Git commit -m "comment" / -a
- Git push origin master
- Git push-f origin master
- Git checkout students
- Git pull origin master
- Git remote -v
- Git remote add upstream <http://xxxx>
- Git fetch upstream
- Git merge upstream/master
- Git log
- Git revert/ git checkout -b branch xy1234 / git reset

Collaborative models

- 02 mô hình:
 - Fork & pull
 - Anyone can fork & push changes
 - Changes must be pulled into the source repository by project maintainer
 - Shared repository
 - Anyone has push access to repository
 - Branches are used to isolate changes

Procedures

- Fork the repo
- Clone a repo to local
- Make changes & push to remote
- Pull request to admin