

Practice-01: Git

Step-1,2,3

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mbp-0195s-MacBook-Pro:renova-duymai duy.mai$ echo "# renova-duymai-git" >> test.txt
mbp-0195s-MacBook-Pro:renova-duymai duy.mai$ git init
hint: Using 'master' as the name for the initial branch. This default branch name
hint: is subject to change. To configure the initial branch name to use in all
hint: of your new repositories, which will suppress this warning, call:
hint:
hint:     git config --global init.defaultBranch <name>
hint:
hint: Names commonly chosen instead of 'master' are 'main', 'trunk' and
hint: 'development'. The just-created branch can be renamed via this command:
hint:
hint:     git branch -m <name>
Initialized empty Git repository in /Volumes/Data/19.Renova/1.Practice/00-Git/renova-duymai/.git/
mbp-0195s-MacBook-Pro:renova-duymai duy.mai$ git add test.txt
mbp-0195s-MacBook-Pro:renova-duymai duy.mai$ git commit -m "first commit"
[master (root-commit) 19f2b03] first commit
 1 file changed, 1 insertion(+)
   create mode 100644 test.txt
mbp-0195s-MacBook-Pro:renova-duymai duy.mai$ git branch -M master
mbp-0195s-MacBook-Pro:renova-duymai duy.mai$ git remote add origin git@github.com:maiduy/renova-duymai.git
mbp-0195s-MacBook-Pro:renova-duymai duy.mai$ git push -u origin master
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 238 bytes | 238.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To github.com:maiduy/renova-duymai.git
 * [new branch]      master -> master
branch 'master' set up to track 'origin/master'.
mbp-0195s-MacBook-Pro:renova-duymai duy.mai$ git checkout -b dev
Switched to a new branch 'dev'
mbp-0195s-MacBook-Pro:renova-duymai duy.mai$ git branch
* dev
  master
mbp-0195s-MacBook-Pro:renova-duymai duy.mai$ echo "# dev test" >> dev.txt
mbp-0195s-MacBook-Pro:renova-duymai duy.mai$ git add dev.txt
mbp-0195s-MacBook-Pro:renova-duymai duy.mai$ git commit -m "add test file from dev branch"
[dev 470b44c] add test file from dev branch
 1 file changed, 1 insertion(+)
   create mode 100644 dev.txt
mbp-0195s-MacBook-Pro:renova-duymai duy.mai$ git checkout master
Switched to branch 'master'
Your branch is up to date with 'origin/master'.
mbp-0195s-MacBook-Pro:renova-duymai duy.mai$ git merge dev
Updating 19f2b03..470b44c
Fast-forward
 dev.txt | 1 +
 1 file changed, 1 insertion(+)
   create mode 100644 dev.txt
mbp-0195s-MacBook-Pro:renova-duymai duy.mai$ git push origin master
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 4 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 298 bytes | 298.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To github.com:maiduy/renova-duymai.git
   19f2b03..470b44c master -> master
mbp-0195s-MacBook-Pro:renova-duymai duy.mai$ git log
commit 470b44c9aac4a343a0172ba598be7349434771859 (HEAD -> master, origin/master, dev)
Author: Mai Ngoc Duy <duy.mai@paysmart.com.vn>
Date: Thu May 11 04:24:58 2023 +0700

    add test file from dev branch

commit 19f2b03ba19177d84225b23f733e87a6e5649914
Author: Mai Ngoc Duy <duy.mai@paysmart.com.vn>
Date: Thu May 11 04:19:37 2023 +0700

    first commit
```

Step 4

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Specific git-branch actions:
  -a, --all                list both remote-tracking and local branches
  -d, --delete             delete fully merged branch
  -D                      delete branch (even if not merged)
  -m, --move              move/rename a branch and its reflog
  -M                      move/rename a branch, even if target exists
  -c, --copy              copy a branch and its reflog
  -C                      copy a branch, even if target exists
  -l, --list              list branch names
  --show-current          show current branch name
  --create-reflog         create the branch's reflog
  --edit-description     edit the description for the branch
  -f, --force            force creation, move/rename, deletion
  --merged <commit>     print only branches that are merged
  --no-merged <commit>  print only branches that are not merged
  --column[=<style>]    list branches in columns
  --sort <key>          field name to sort on
  --points-at <object>  print only branches of the object
  -i, --ignore-case      sorting and filtering are case insensitive
  --recurse-submodules   recurse through submodules
  --format <format>     format to use for the output

mbp-0195s-MacBook-Pro:renova-duymai duy.mai$ git branch --no-merged
mbp-0195s-MacBook-Pro:renova-duymai duy.mai$ git branch --merged
* master
mbp-0195s-MacBook-Pro:renova-duymai duy.mai$ git remote -v
origin  git@github.com:maiduy/renova-duymai.git (fetch)
origin  git@github.com:maiduy/renova-duymai.git (push)
mbp-0195s-MacBook-Pro:renova-duymai duy.mai$ git brach
git: 'brach' is not a git command. See 'git --help'.

The most similar command is
branch
mbp-0195s-MacBook-Pro:renova-duymai duy.mai$ git branc
git: 'branc' is not a git command. See 'git --help'.
mbp-0195s-MacBook-Pro:renova-duymai duy.mai$ git branch
* master
mbp-0195s-MacBook-Pro:renova-duymai duy.mai$ git branch -r
origin/HEAD -> origin/master
origin/dev
origin/master
```

Step 5:





