

**git add [文件名]添加**

**git commit -m "注释" 提交**

**git status 查看仓库状态**

**git diff查看修改内容**

**git log 可以显示从最近到最远的提交日志**

**git log --pretty=oneline只显示提交编号和注释信息**

**git reset --hard HEAD^ 回退到上个版本**

**git reset --hard HEAD^^ 回退到上上个版本**

**git reset --hard HEAD~100 回退到上100个版本**

**git reset --hard 具体版本号(47920afb891a4c895b7874b50353e8d89046b325) 回退到具体版本**

**git reflog 记录每一次命令**

**git checkout – [文件名] 撤销操作**

**git pull origin master 从远程仓库取到自己机器**

**git push origin master 提交到远程仓库**

**git clone 远程库地址**

**rm -rf 目录名 删除当前目录**

**touch 文件名 创建文件**

**git add . 添加所有**

**git commit . -m "注释" 提交所有**

**git branch 分支名 创建分支**

**git checkout 分支名 切换分支**

**a:git checkout -b 分支名 创建与切换同时进行**

**b:git push origin 分支名 创建并提交到远程分支（git push --set-upstream origin ch001）**

**c:添加**

**d:提交**

**e:git push origin**

**git branch 查看所有分支（当前分支前有一个\*）**

**git merge [当前分支名称] 当前分支上内容提交到master分支上（进入到master分支上，先,然后git push origin master）**

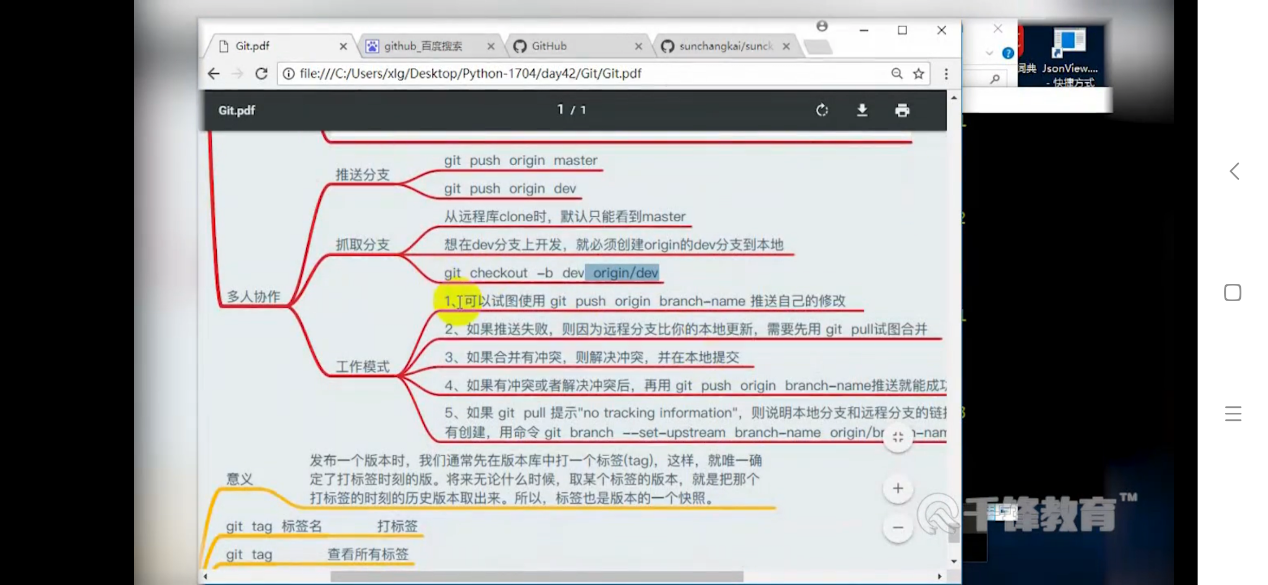
**git push origin :分支名 删除远程分支**

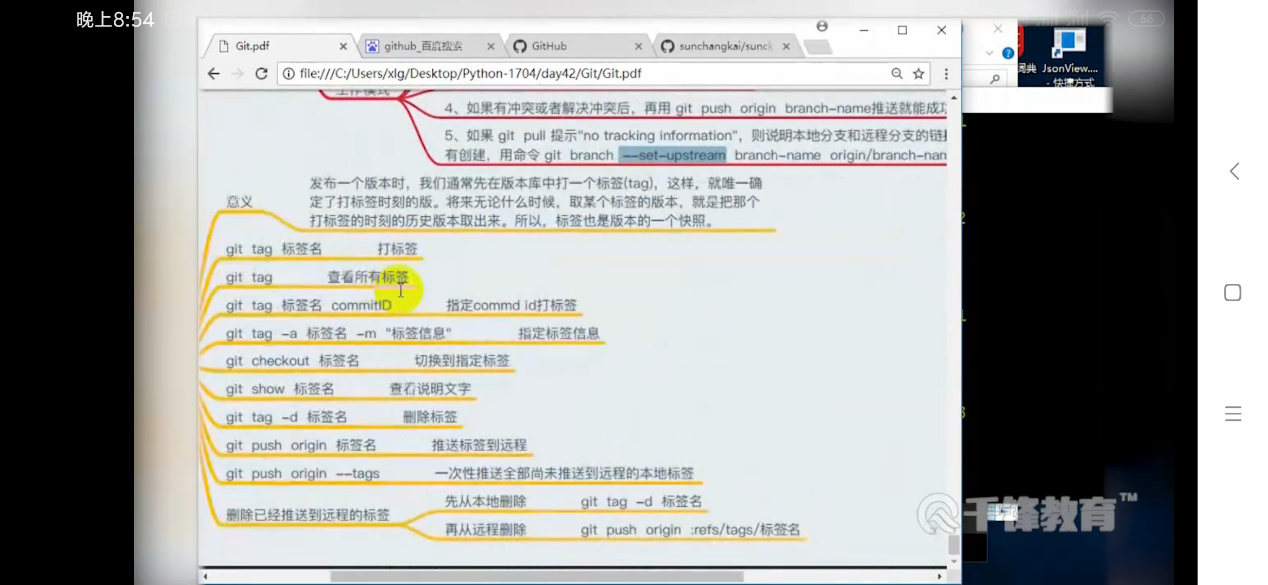
**git push origin --delete 分支名 删除远程分支**

**git branch -D <BranchName>删除本地分支**

**git log --graph 查看分支合并图**

**git checkout -b dev origin/dev 创建dev分支，并提交到远程仓库**





**进入到仓库文件下**

67557@LAPTOP-M8FQLCV8 MINGW64 ~

$ cd /c/Users/67557/Desktop/changhao2882

**查看init**

67557@LAPTOP-M8FQLCV8 MINGW64 ~/Desktop/changhao2882 (master)

$ git init

Reinitialized existing Git repository in C:/Users/67557/Desktop/changhao2882/.git/

**查看仓库所有文件**

67557@LAPTOP-M8FQLCV8 MINGW64 ~/Desktop/changhao2882 (master)

$ ls -a

./ ../ .git/ changhao.txt

**提交到仓库**

67557@LAPTOP-M8FQLCV8 MINGW64 ~/Desktop/changhao2882 (master)

$ git commit -m "2019/10/8.first"

On branch master

nothing to commit, working tree clean

**查看仓库状态**

67557@LAPTOP-M8FQLCV8 MINGW64 ~/Desktop/changhao2882 (master)

$ git status

On branch master

nothing to commit, working tree clean

**修改后查看仓库状态**

67557@LAPTOP-M8FQLCV8 MINGW64 ~/Desktop/changhao2882 (master)

$ git status

On branch master

Changes not staged for commit:

(use "git add <file>..." to update what will be committed)

(use "git restore <file>..." to discard changes in working directory)

modified: changhao.txt

no changes added to commit (use "git add" and/or "git commit -a")

**查看修改内容**

67557@LAPTOP-M8FQLCV8 MINGW64 ~/Desktop/changhao2882 (master)

$ git diff

**diff --git a/changhao.txt b/changhao.txt**

**index d2501b2..20cdf91 100644**

**--- a/changhao.txt**

**+++ b/changhao.txt**

@@ -1 +1 @@

-hahahahhahaha

\ No newline at end of file

+hahahahhahaha3333

\ No newline at end of file

**重新添加**

67557@LAPTOP-M8FQLCV8 MINGW64 ~/Desktop/changhao2882 (master)

$ git add changhao.txt

**重新提交**

67557@LAPTOP-M8FQLCV8 MINGW64 ~/Desktop/changhao2882 (master)

$ git commit -m "2019/10/21,second"

[master 47920af] 2019/10/21,second

1 file changed, 1 insertion(+), 1 deletion(-)

**再次查看仓库状态**

67557@LAPTOP-M8FQLCV8 MINGW64 ~/Desktop/changhao2882 (master)

$ git status

On branch master

nothing to commit, working tree clean

**可以显示从最近到最远的提交日志**

67557@LAPTOP-M8FQLCV8 MINGW64 ~/Desktop/changhao2882 (master)

$ git log

commit 47920afb891a4c895b7874b50353e8d89046b325 (HEAD -> master)

Author: changhao2882 <changhao2882@163.com>

Date: Mon Oct 21 20:48:01 2019 +0800

2019/10/21,second

commit 2866ad2cffaf5f879b01b2bf93984c474e5e1e1a

Author: changhao2882 <changhao2882@163.com>

Date: Tue Oct 8 21:22:54 2019 +0800

2019/10/8,first

**只显示提交编号和注释信息**

67557@LAPTOP-M8FQLCV8 MINGW64 ~/Desktop/changhao2882 (master)

$ git log --pretty=oneline

47920afb891a4c895b7874b50353e8d89046b325 (HEAD -> master) 2019/10/21,second

2866ad2cffaf5f879b01b2bf93984c474e5e1e1a 2019/10/8,first

**回退到上个版本**

67557@LAPTOP-M8FQLCV8 MINGW64 ~/Desktop/changhao2882 (master)

$ git reset --hard HEAD^

HEAD is now at 2866ad2 2019/10/8,first

**再次显示从最近到最远的提交日志**

67557@LAPTOP-M8FQLCV8 MINGW64 ~/Desktop/changhao2882 (master)

$ git log

commit 2866ad2cffaf5f879b01b2bf93984c474e5e1e1a (HEAD -> master)

Author: changhao2882 <changhao2882@163.com>

Date: Tue Oct 8 21:22:54 2019 +0800

2019/10/8,first

**回退到具体版本**

67557@LAPTOP-M8FQLCV8 MINGW64 ~/Desktop/changhao2882 (master)

$ git reset --hard 47920afb891a4c895b7874b50353e8d89046b325

HEAD is now at 47920af 2019/10/21,second

**再次只显示提交编号和注释信息**

67557@LAPTOP-M8FQLCV8 MINGW64 ~/Desktop/changhao2882 (master)

$ git log --pretty=oneline

47920afb891a4c895b7874b50353e8d89046b325 (HEAD -> master) 2019/10/21,second

2866ad2cffaf5f879b01b2bf93984c474e5e1e1a 2019/10/8,first

**记录每一次命令**

67557@LAPTOP-M8FQLCV8 MINGW64 ~/Desktop/changhao2882 (master)

$ git reflog

47920af (HEAD -> master) HEAD@{0}: reset: moving to 47920afb891a4c895b7874b50353e8d89046b325

2866ad2 HEAD@{1}: reset: moving to HEAD^

47920af (HEAD -> master) HEAD@{2}: commit: 2019/10/21,second

2866ad2 HEAD@{3}: commit (initial): 2019/10/8,first

**进入到自己文件夹**

67557@LAPTOP-M8FQLCV8 MINGW64 ~

$ cd /c/Users/67557/Desktop/changhao2882

**查看历史命令**

67557@LAPTOP-M8FQLCV8 MINGW64 ~/Desktop/changhao2882 (master)

$ git reflog

47920af (HEAD -> master) HEAD@{0}: reset: moving to 47920afb891a4c895b7874b50353e8d89046b325

2866ad2 HEAD@{1}: reset: moving to HEAD^

47920af (HEAD -> master) HEAD@{2}: commit: 2019/10/21,second

2866ad2 HEAD@{3}: commit (initial): 2019/10/8,first

**查看文件信息**

67557@LAPTOP-M8FQLCV8 MINGW64 ~/Desktop/changhao2882 (master)

$ ll

total 1

-rw-r--r-- 1 67557 197609 17 10月 21 21:02 changhao.txt

**查看文件**

67557@LAPTOP-M8FQLCV8 MINGW64 ~/Desktop/changhao2882 (master)

$ ls -a

./ ../ .git/ changhao.txt

**撤销操作**

67557@LAPTOP-M8FQLCV8 MINGW64 ~/Desktop/changhao2882 (master)

$ git checkout -- changhao.txt

**连接远程仓库**

67557@LAPTOP-M8FQLCV8 MINGW64 ~/Desktop/changhao2882 (master)

$ ssh-keygen -t rsa -C "changhao2882@163.com"

Generating public/private rsa key pair.

Enter file in which to save the key (**/c/Users/67557/.ssh/id\_rsa**):

Created directory '/c/Users/67557/.ssh'.

Enter passphrase (empty for no passphrase):

Enter same passphrase again:

Your identification has been saved in /c/Users/67557/.ssh/id\_rsa.

Your public key has been saved in /c/Users/67557/.ssh/id\_rsa.pub.

The key fingerprint is:

SHA256:XM3sgF4sbTu3H3mjeAp2ePr3g9DK/7V+ALoTI/XThoc changhao2882@163.com

The key's randomart image is:

+---[RSA 3072]----+

| |

| + + |

| o B + |

| o =.+. |

| S.oo+= |

| . =+Eo=. |

| =.\*+++oo|

| . Bo.=.+=|

| ..==o==o|

+----[SHA256]-----+

**进入到文件夹下**

67557@LAPTOP-M8FQLCV8 MINGW64 ~/Desktop/changhao2882 (master)

$ cd /c/Users/67557/.ssh

**查看当前目录**

67557@LAPTOP-M8FQLCV8 MINGW64 ~/.ssh

$ pwd

/c/Users/67557/.ssh

**查看文件**

67557@LAPTOP-M8FQLCV8 MINGW64 ~/.ssh

$ ls

id\_rsa id\_rsa.pub

**查看文件信息**

67557@LAPTOP-M8FQLCV8 MINGW64 ~/.ssh

$ ll

total 5

-rw-r--r-- 1 67557 197609 2610 10月 22 19:21 id\_rsa

-rw-r--r-- 1 67557 197609 574 10月 22 19:21 id\_rsa.pub

**查看文件内容（私钥）**

67557@LAPTOP-M8FQLCV8 MINGW64 ~/.ssh

$ cat id\_rsa

-----BEGIN OPENSSH PRIVATE KEY-----

b3BlbnNzaC1rZXktdjEAAAAABG5vbmUAAAAEbm9uZQAAAAAAAAABAAABlwAAAAdzc2gtcn

NhAAAAAwEAAQAAAYEA0OGa3JyPbccCURE4nL8TFgFXP2JFa/eNEALvqHBsWYzT9RsttBIT

Ee0ioln+FTB7/BBrAhIU+n5QOIYrk8OoovF1ozVIi58OmBYw5uL+o3ZlK5wZwvbL3TwPUN

SATEynD0KY2deIHjGG5Zx84kbsfvyWAPIxThMQKoPqsxPoiEmqwUke+I6dhLaQeAqRmP99

F0jp/eGXnRjjkhI9mbJvbb2si+IIghzL44/V8Fnx4SUYKGIQQ2du/SGSsLP547phDOyUDp

cVaEAH5tz2snHYR++X4BTpuqRpsvMajLwaCzEai22DU/mVpM6QLO6G2ElBdQIIbVQRWVfg

V/v0DcPPLxnqyw9Kwnv+epGGuBx+yyDfA6pMfZG3l8yp5tb/F+jiQ49mpEpy9c7+yook3q

SKmQgkLi77upoGM2BaNo2SEGr+BspV6lnhMbfmXMNrf4rTPU4HP3ZSjJc6KttjKX95r+v+

o2bfWYIjqMK6bflqF9lsVselrJWfiblkJDJYSb4HAAAFkBOD+eETg/nhAAAAB3NzaC1yc2

EAAAGBANDhmtycj23HAlEROJy/ExYBVz9iRWv3jRAC76hwbFmM0/UbLbQSExHtIqJZ/hUw

e/wQawISFPp+UDiGK5PDqKLxdaM1SIufDpgWMObi/qN2ZSucGcL2y908D1DUgExMpw9CmN

nXiB4xhuWcfOJG7H78lgDyMU4TECqD6rMT6IhJqsFJHviOnYS2kHgKkZj/fRdI6f3hl50Y

45ISPZmyb229rIviCIIcy+OP1fBZ8eElGChiEENnbv0hkrCz+eO6YQzslA6XFWhAB+bc9r

Jx2Efvl+AU6bqkabLzGoy8GgsxGottg1P5laTOkCzuhthJQXUCCG1UEVlX4Ff79A3Dzy8Z

6ssPSsJ7/nqRhrgcfssg3wOqTH2Rt5fMqebW/xfo4kOPZqRKcvXO/sqKJN6kipkIJC4u+7

qaBjNgWjaNkhBq/gbKVepZ4TG35lzDa3+K0z1OBz92UoyXOirbYyl/ea/r/qNm31mCI6jC

um35ahfZbFbHpayVn4m5ZCQyWEm+BwAAAAMBAAEAAAGAIE8VHhSVVtyWbiWkxRIFCL1SWn

p/1HBpAFYD7eDd0Ygn7Ny0WAsHqhks50HWPD7Qnq+Hbb2QQyKwk92k9ekot3Nzx7fhLb9/

iWS9UalAy9XvViyCC5cS93hnwg/sfGDK4mBhtihRZKIyhGeNJY7k28uEBEdx+uqV8I2RCv

wEVrhWUilWQgoFMVbvx7GSzcCO/8AGeX+gbOtBoAF0R8bC142kF8rxl/aOTveblt7CvBl5

wB1S+KoSD9NWlkBwYZodS0NEyXG5Z/awDqCmU+uOniapP3nBlO7aoSTTdHLTZYTPJ+4SUa

Cp0Kk/J+Y8uKy9fOmnRF718io1Eznad+r9BcZU4e5oNXhNBXogGzu7qSX9DAwB3r43708J

6npMvfPJNYW+3pj/kxr5SCcT850itWr9B+6+4EkfHnPyOi+BDxe5bRhqX9VW0nh4yH8Drg

W3NbKCX05+3U+w33OXWYWC4MVS/uVCco13dF2suit5qJ4EitpVloSku8Q1WIzEutlxAAAA

wQCtpDTB2RSCUK9vt0hGMwnNVdMYwtTvqmxtvxahnj/MRMp05S/179gbU0LIXr3imAUOFE

q8aTw4rPIihaGvTdIiV6W1lfs4AYKXXYhTZVS3rasJ3iMVwVMwEWkUAYKoc/0xAGc/Oq+h

vD6I6iXGC0YG2nTixz2p9zIThHB6HNRY/nnKsjfSN9A879+BLl9ZdydT8cMnzkomPtCyY1

Y7+I2E3UgmsWpPOdzUZEMW5pVGTpA1T1deZkRjeyLGjorFo5UAAADBAPC6FDmbIcmRQ+MP

wfbqhO7CAMWoeBXw4afITRBKR+F7V/f+ygy83VK2hhrCy8HKTJ4GVlnxgyTna1FVDBAhkg

MApALj4I+7VqIZBOcZHikSrhD1arzk9Z2ulEJti5P/GEyWMIpPZ5ccukcvM1Kb68n2/3Cb

mxcTpv8smZKCWPwOTKH7++BmIhPtrmsvzIoHPDlf7KFjApKD/H/AGslXxsM7b7Ssa+jiJ9

0naeT1sYntp1R2qerfKhOR+fNa0JjVyQAAAMEA3iJI9lTzWZXW5ZrtJfOzxovUAzCXJ0dh

JwlADoG8IfohgynGI+HLWqDR2hJcL3xZ488ERuW9+3ZcSpZL+imTpePSh/D5NwHzPASz4t

i54jwZG32NaRd2zshEBVTWoYXazSdqkheTvS7cdp4+LOzBzATVXn/8u6r0alhaiRRO6MD9

IpgRp5HYbPqmOpDdIi2rfGYb/GCV3A8yErzDDomfuXG0/BtEJNb8lRryMKu9gHgASJN9yx

n0DLHUSf31qB1PAAAAFGNoYW5naGFvMjg4MkAxNjMuY29tAQIDBAUG

-----END OPENSSH PRIVATE KEY-----

**查看文件内容（公钥）**

67557@LAPTOP-M8FQLCV8 MINGW64 ~/.ssh

$ cat id\_rsa.pub

ssh-rsa  changhao2882@163.com

**查看连接是否成功**

67557@LAPTOP-M8FQLCV8 MINGW64 ~/.ssh

$ ssh -T git@github.com

The authenticity of host 'github.com (52.74.223.119)' can't be established.

RSA key fingerprint is SHA256:nThbg6kXUpJWGl7E1IGOCspRomTxdCARLviKw6E5SY8.

Are you sure you want to continue connecting (yes/no/[fingerprint])? **yes**

Warning: Permanently added 'github.com,52.74.223.119' (RSA) to the list of known hosts.

Hi changhao2882! You've successfully authenticated, but GitHub does not provide shell access.

**进入到指定文件夹下**

67557@LAPTOP-M8FQLCV8 MINGW64 ~/.ssh

$ cd /c/Users/67557/Desktop/changhao2882

**添加远程仓库**

67557@LAPTOP-M8FQLCV8 MINGW64 ~/Desktop/changhao2882 (master)

$ git remote add origin git@github.com:changhao2882/changhao0001.git

**查看当前工作目录**

67557@LAPTOP-M8FQLCV8 MINGW64 ~/Desktop/changhao2882 (master)

$ pwd

/c/Users/67557/Desktop/changhao2882

**从远程仓库取到自己机器**

67557@LAPTOP-M8FQLCV8 MINGW64 ~/Desktop/changhao2882 (master)

$ git pull origin master

Warning: Permanently added the RSA host key for IP address '13.250.177.223' to the list of known hosts.

warning: no common commits

remote: Enumerating objects: 3, done.

remote: Counting objects: 100% (3/3), done.

remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0

Unpacking objects: 100% (3/3), done.

From github.com:changhao2882/changhao0001

\* branch master -> FETCH\_HEAD

\* [new branch] master -> origin/master

fatal: refusing to merge unrelated histories

**解决历史版本不一致问题**

67557@LAPTOP-M8FQLCV8 MINGW64 ~/Desktop/changhao2882 (master)

$ git pull origin master --allow-unrelated-histories

From github.com:changhao2882/changhao0001

\* branch master -> FETCH\_HEAD

Merge made by the 'recursive' strategy.

README.md | 1 +

1 file changed, 1 insertion(+)

create mode 100644 README.md

**提交到远程仓库**

67557@LAPTOP-M8FQLCV8 MINGW64 ~/Desktop/changhao2882 (master)

$ git push origin master

Enumerating objects: 9, done.

Counting objects: 100% (9/9), done.

Delta compression using up to 8 threads

Compressing objects: 100% (4/4), done.

Writing objects: 100% (8/8), 725 bytes | 65.00 KiB/s, done.

Total 8 (delta 0), reused 0 (delta 0)

To github.com:changhao2882/changhao0001.git

83b01f4..5f6554c master -> master

**新建文件（这个文件里的不被传到远程仓库）**

67557@LAPTOP-M8FQLCV8 MINGW64 ~/Desktop/changhao2882 (master)

$ touch .gitignore

**新建文件**

67557@LAPTOP-M8FQLCV8 MINGW64 ~/Desktop/changhao2882 (master)

$ touch bao

**添加所有**

67557@LAPTOP-M8FQLCV8 MINGW64 ~/Desktop/changhao2882 (master)

$ git add .

**提交所有**

67557@LAPTOP-M8FQLCV8 MINGW64 ~/Desktop/changhao2882 (master)

$ git commit . -m "python学习"

[master d80991b] python学习

1 file changed, 1 insertion(+)

create mode 100644 .gitignore

**推送到远程仓库**

67557@LAPTOP-M8FQLCV8 MINGW64 ~/Desktop/changhao2882 (master)

$ git push origin master

Enumerating objects: 4, done.

Counting objects: 100% (4/4), done.

Delta compression using up to 8 threads

Compressing objects: 100% (2/2), done.

Writing objects: 100% (3/3), 356 bytes | 356.00 KiB/s, done.

Total 3 (delta 0), reused 0 (delta 0)

To github.com:changhao2882/changhao0001.git

8761f46..d80991b master -> master

**创建分支**

67557@LAPTOP-M8FQLCV8 MINGW64 ~/Desktop/changhao2882 (ch)

$ git branch ch001

**查看所有分支**

67557@LAPTOP-M8FQLCV8 MINGW64 ~/Desktop/changhao2882 (ch)

$ git branch

\* ch

ch001

master

**切换分支**

67557@LAPTOP-M8FQLCV8 MINGW64 ~/Desktop/changhao2882 (ch)

$ git checkout ch001

Switched to branch 'ch001'

**创建并切换分支**

67557@LAPTOP-M8FQLCV8 MINGW64 ~/Desktop/changhao2882 (master)

$ git checkout -b ch001

Switched to a new branch 'ch001'

**提交到远程分支**

67557@LAPTOP-M8FQLCV8 MINGW64 ~/Desktop/changhao2882 (ch001)

$ git push --set-upstream origin ch001

Total 0 (delta 0), reused 0 (delta 0)

remote:

remote: Create a pull request for 'ch001' on GitHub by visiting:

remote: https://github.com/changhao2882/changhao0001/pull/new/ch001

remote:

To github.com:changhao2882/changhao0001.git

\* [new branch] ch001 -> ch001

Branch 'ch001' set up to track remote branch 'ch001' from 'origin'.

**添加**

67557@LAPTOP-M8FQLCV8 MINGW64 ~/Desktop/changhao2882 (ch001)

$ git add .

**提交**

67557@LAPTOP-M8FQLCV8 MINGW64 ~/Desktop/changhao2882 (ch001)

$ git commit -m "ch001"

[ch001 9415b3a] ch001

1 file changed, 1 insertion(+), 1 deletion(-)

**提交到远程分支仓库**

67557@LAPTOP-M8FQLCV8 MINGW64 ~/Desktop/changhao2882 (ch001)

$ git push origin

Enumerating objects: 5, done.

Counting objects: 100% (5/5), done.

Delta compression using up to 8 threads

Compressing objects: 100% (3/3), done.

Writing objects: 100% (3/3), 363 bytes | 363.00 KiB/s, done.

Total 3 (delta 1), reused 0 (delta 0)

remote: Resolving deltas: 100% (1/1), completed with 1 local object.

To github.com:changhao2882/changhao0001.git

76690f1..9415b3a ch001 -> ch001

**查看分支合并图**

67557@LAPTOP-M8FQLCV8 MINGW64 ~/Desktop/changhao2882 (ch001)

$ git log --graph

\* commit 9415b3adb70b2f05cb042413d7e7c673960577fe (HEAD -> ch001, origin/ch001)

| Author: changhao2882 <changhao2882@163.com>

| Date: Thu Oct 24 20:32:55 2019 +0800

|

| ch001

|

\* commit 76690f1f96aa622c02bdb675c9eec043b7865717 (origin/master, master)

| Author: changhao2882 <changhao2882@163.com>

| Date: Thu Oct 24 19:51:56 2019 +0800

|

| 19：51,提交

|

\* commit 1eb8cc0a8e49b71b61a4af8d6a90183fea9d667a

| Author: changhao2882 <changhao2882@163.com>

| Date: Thu Oct 24 19:48:21 2019 +0800

|

| 19：48,提交

|

\* commit 6fec398a7cd51e1b7e445af15fab818b5f666d30

| Author: changhao2882 <changhao2882@163.com>

| Date: Thu Oct 24 19:41:19 2019 +0800

|

| 19：40,提交