Github使用报告

Github具有网页、desktop和控制台三种使用途径，一般使用网页与desktop相结合的方式。

建立好repo之后可以在desktop端克隆库，并且在本地对库文件进行修改，修改之后可以push到git进行同步。

为了解决多人并行作业冲突的情况，可以尽量错开同一时间对同一文件的修改，并且在push之前可以先fetch一下再push。

控制台方式具有更加强大的功能，以下是push的shell demo:

宋小航@LAPTOP-J8ERCUSJ MINGW64 /d/Git/test

$ git init

Initialized empty Git repository in D:/Git/test/.git/

宋小航@LAPTOP-J8ERCUSJ MINGW64 /d/Git/test (master)

$ git add .

宋小航@LAPTOP-J8ERCUSJ MINGW64 /d/Git/test (master)

$ git status

On branch master

No commits yet

Changes to be committed:

(use "git rm --cached <file>..." to unstage)

new file: "\346\226\260\345\273\272 \346\226\207\346\234\254\346\226\207\346\241\243.txt"

宋小航@LAPTOP-J8ERCUSJ MINGW64 /d/Git/test (master)

$ git remote add origin https://github.com/Sing-How/test.git

宋小航@LAPTOP-J8ERCUSJ MINGW64 /d/Git/test (master)

$ git pull origin master

fatal: couldn't find remote ref master

宋小航@LAPTOP-J8ERCUSJ MINGW64 /d/Git/test (master)

$ git pull origin main

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), 590 bytes | 36.00 KiB/s, done.

From https://github.com/Sing-How/test

\* branch main -> FETCH\_HEAD

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

宋小航@LAPTOP-J8ERCUSJ MINGW64 /d/Git/test (master)

$ git add

Nothing specified, nothing added.

hint: Maybe you wanted to say 'git add .'?

hint: Turn this message off by running

hint: "git config advice.addEmptyPathspec false"

宋小航@LAPTOP-J8ERCUSJ MINGW64 /d/Git/test (master)

$ git add .

宋小航@LAPTOP-J8ERCUSJ MINGW64 /d/Git/test (master)

$ git status

On branch master

Changes to be committed:

(use "git restore --staged <file>..." to unstage)

new file: "\346\226\260\345\273\272 \346\226\207\346\234\254\346\226\207\346\241\243.txt"

宋小航@LAPTOP-J8ERCUSJ MINGW64 /d/Git/test (master)

$ git commit -m "test"

[master e7d04eb] test

1 file changed, 0 insertions(+), 0 deletions(-)

create mode 100644 "\346\226\260\345\273\272 \346\226\207\346\234\254\346\226\207\346\241\243.txt"

宋小航@LAPTOP-J8ERCUSJ MINGW64 /d/Git/test (master)

$ git push origin master

Enumerating objects: 4, done.

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

Delta compression using up to 16 threads

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

Writing objects: 100% (3/3), 288 bytes | 288.00 KiB/s, done.

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

remote:

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

remote: https://github.com/Sing-How/test/pull/new/master

remote:

To https://github.com/Sing-How/test.git

\* [new branch] master -> master

不过一般情况下还是采用desktop版的更加方便。

此外，github可以提供web服务，可以在库的某一分支上建立一个静态网页并发布到特定的url上，当然这对库与某些文件的命名有一定的要求。