

Git-操作指北

我们来学习一下Git的分支操作

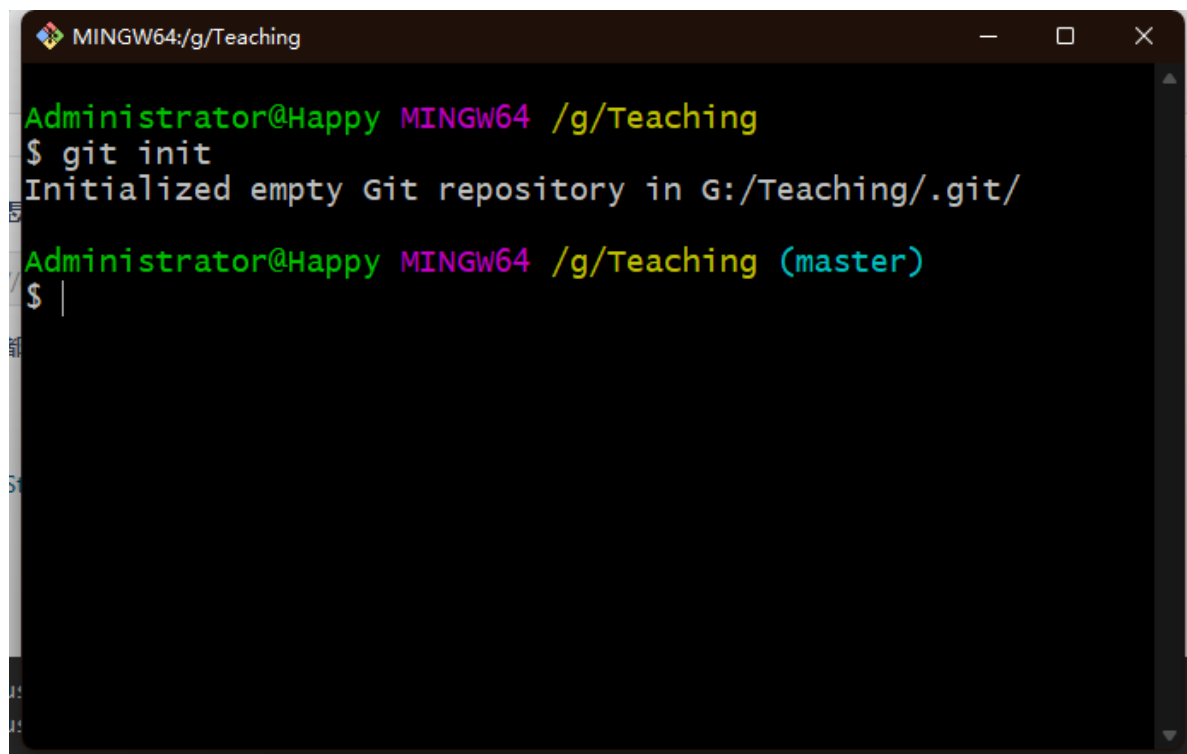
我们先建立一个远程仓库



然后我们在本地建立一个仓库（文件夹）

Step1-初始化本地仓库

```
git init
```



我们给本地仓库里面添加一个文件master.txt

Step2-绑定到远程仓库

```
git remote add origin 远程地址
```

```
Administrator@Happy MINGW64 /g/Teaching
$ git init
Initialized empty Git repository in G:/Teaching/.git/

Administrator@Happy MINGW64 /g/Teaching (master)
$ git remote add origin https://gitee.com/CHD-EASY-GOING/teaching.git

Administrator@Happy MINGW64 /g/Teaching (master)
$ |
```

Step3-添加本地文件并上传到缓冲区

```
git add 文件名.格式名
git commit -m "注释信息"
```

```
Administrator@Happy MINGW64 /g/Teaching
$ git init
Initialized empty Git repository in G:/Teaching/.git/

Administrator@Happy MINGW64 /g/Teaching (master)
$ git remote add origin https://gitee.com/CHD-EASY-GOING/teaching.git

Administrator@Happy MINGW64 /g/Teaching (master)
$ git add master.txt

Administrator@Happy MINGW64 /g/Teaching (master)
$ git commit -m "master分支初始化"
[master (root-commit) f4ff27e] master分支初始化
1 file changed, 1 insertion(+)
create mode 100644 master.txt

Administrator@Happy MINGW64 /g/Teaching (master)
$
```

Step4-推送本地分支到远端

```
git push origin 分支名
```

```
Administrator@Happy MINGW64 /g/Teaching (master)
$ git commit -m "master分支初始化"
[master (root-commit) f4ff27e] master分支初始化
1 file changed, 1 insertion(+)
create mode 100644 master.txt

Administrator@Happy MINGW64 /g/Teaching (master)
$ git push origin master
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 267 bytes | 53.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
remote: Powered by GITEE.COM [GNK-6.3]
To https://gitee.com/CHD-EASY-GOING/teaching.git
 * [new branch]      master -> master

Administrator@Happy MINGW64 /g/Teaching (master)
$ |
```

分支操作

建立分支

```
git branch 新分支名
```

```
Administrator@Happy MINGW64 /g/Teaching (master)
$ git branch b
```

查看所有分支

```
git branch -a
```

```
Administrator@Happy MINGW64 /g/Teaching (master)
$ git branch -a
b
* master
remotes/origin/master
```

白色的为本地分支 绿色的为当前所处分支

红色的为远端分支

切换分支

```
git checkout 分支名
```

```
Administrator@Happy MINGW64 /g/Teaching (master)
$ git checkout b
Switched to branch 'b'

Administrator@Happy MINGW64 /g/Teaching (b)
$ |
```

我们现在在分支b上面新建文件b.txt

推送分支

```
git push origin 分支名
```

```
Administrator@Happy MINGW64 /g/Teaching (b)
$ git push origin b
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 12 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 319 bytes | 319.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
remote: Powered by GITEE.COM [GNK-6.3]
remote: Create a pull request for 'b' on Gitee by visiting:
remote:   https://gitee.com/CHD-EASY-GOING/teaching/pull/new/CHD-EASY-GOING:b...CHD-EASY-GOING:master
To https://gitee.com/CHD-EASY-GOING/teaching.git
 * [new branch]      b -> b
```



我们现在在本地切换回master分支看看会发生什么

会发现文件消失

和远端之前的保持一致

查看上传日志

```
git log
```

只会查看当前分支的日志

从远端拉取分支

git pull 分支名

Pull Requests

请求合并!

master

分支 2

标签 0

+ Pull Request

+ Issue

文件

Web IDE

克隆/下载

刘易行 分支b初始化 de2ec2c 4分钟前

3 次提交

| | | |
|------------|-------------|------|
| b.txt | 分支b初始化 | 4分钟前 |
| master.txt | master分支初始化 | 7分钟前 |

合并成功!