

Git 使用方法

初始化仓库

创建文件夹 `mkdir git`

```
[bogon:android weikailiang$ mkdir git
```

初始化

`git init`

```
[bogon:git weikailiang$ git init
Initialized empty Git repository in /Users/weikailiang/Downloads/Android/git/.git/
```

添加文件

`README.txt`

```
[bogon:git weikailiang$ mkdir README.txt
```

查看状态

`git status`

```
[bogon:git weikailiang$ git status
On branch master

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)

        .DS_Store
        README.txt

nothing added to commit but untracked files present (use "git add" to track)
bogon:git weikailiang$
```

添加到本地仓库

`git add .`

```
[bogon:git weikailiang$ git add .
bogon:git weikailiang$ git commit -m "first commit"
```

提交到本地仓库

`git commit -m "first commit"`

```
bogon:git weikailiang$ git commit -m "first commit"
[master (root-commit) a1b6797] first commit
 2 files changed, 1 insertion(+)
 create mode 100644 .DS_Store
 create mode 100644 README.txt
bogon:git weikailiang$
```

```
bogon:git weikailiang$ git status
On branch master
nothing to commit, working tree clean
bogon:git weikailiang$
```

关联远程仓库

两种方式 一种 `https` 一种 `SSH`

SSH

创建 `ssh` 公钥

```
cd ~/.ssh
```

```
ls
```

```
bogon:~/.ssh weikailiang$ ls
id_rsa      id_rsa.pub  known_hosts
bogon:~/.ssh weikailiang$
```

我们需要寻找一对以 `id_dsa` 或 `id_rsa` 命名的文件，其中一个带有 `.pub` 扩展名。

`.pub` 文件是你的公钥，另一个则是与之对应的私钥。如果找不到这样的文件（或者根本没有 `.ssh` 目录），你可以通过运行 `ssh-keygen` 程序来创建它们。在

Linux/macOS 系统中，`ssh-keygen` 随 SSH 软件包提供；在 Windows 上，该程序包含于 MSysGit 软件包中

```
bogon:~/.ssh weikailiang$ cat ~/.ssh/id_rsa.pub
ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAQDgZQ61tQU/1CjQz96Q6Dktd/pIIw/TipR/jETZ/
/aBvcfGi8QabNbk22X1YrLdRQgneeB4UX7Uvm/w7/UdnnGpbZYadzZnlbQaaizVtnarFtHs/Zd/
c1bh1HW8cWNjmtTt++TVtG1tGz8V8TsZYxrr26RTdLjYzvthbLIrlropZQqEPLk1+i8+4o+GYr6
tTZ+Pj3Ripe6UcxDI3hPot1I0fRg3KqPgtN9DZY9Y/PRickIu8gDmmiZhSHQVQI6cW8uHN6fntOL
s6jaah7+t+B136J+0Cjeq60CuMg1E4CvxmwGeT7It9Sb2rbelshs40lQdHdfCfyGENd1x0ANhTSr
309565888@qq.com
bogon:~/.ssh weikailiang$
```

复制公钥到 github 个人中心

The screenshot shows the GitHub 'Personal settings' page for user 'weikailiang'. The left sidebar contains links to Profile, Account, Security, Security log, Emails, Notifications, Billing, SSH and GPG keys (highlighted with a red box), Blocked users, Repositories, Organizations, and Saved replies. The main content area is titled 'SSH keys' and includes a 'New SSH key' button (highlighted with a red box). Below the title, it states: 'This is a list of SSH keys associated with your account. Remove any keys that you do not recognize.' A table lists one SSH key for the 'blog' repository with the key '49:09:a0:77:a8:8e:5a:38:ca:8d:57:da:9b:62:3a:91', added on 20 May 2020, and last used within the last week. A 'Delete' button is next to the key. Below the table, there is a link to a guide on generating SSH keys. The 'GPG keys' section below shows 'There are no GPG keys associated with your account.' and a 'New GPG key' button.

创建一个项目

The screenshot shows the GitHub repository creation page for user 'weikailiang'. The page title is 'weikailiang / Test'. Below the title, there are buttons for 'Unwatch', 'Star', and 'Fork'. The main content area is titled 'Quick setup — if you've done this kind of thing before' and includes a 'Set up in Desktop' button, an 'or' button, and an 'SSH' button. Below these buttons, there is a text input field containing 'git@github.com:weikailiang/Test.git'. Below the input field, there is a link to a guide on creating a new repository. The page also includes a section for '...or create a new repository on the command line'.

关联

git remote add origin [git@github.com:weikailiang/Test.git](https://github.com/weikailiang/Test.git)

拉取远程仓库的信息

git pull origin master:master

origin:仓库别名

master:本地仓库分支

master:远程仓库分支

推送远程仓库

git push origin master

```
bogon:git weikailiang$ git push -u origin master
Enter passphrase for key '/Users/weikailiang/.ssh/id_rsa':
Counting objects: 10, done.
Delta compression using up to 8 threads.
Compressing objects: 100% (8/8), done.
Writing objects: 100% (10/10), 1.15 KiB | 1.15 MiB/s, done.
Total 10 (delta 1), reused 0 (delta 0)
remote: Resolving deltas: 100% (1/1), done.
To github.com:weikailiang/Test.git
```

这时候远程仓库有我们刚才提交的代码

weikailiang / Test

Unwatch 1 Star 0 Fork 0

<> Code

Issues 0

Pull requests 0

Actions

Projects 0

Wiki

Security 0

Insights

Settings

No description, website, or topics provided.

Edit

Manage topics

3 commits

1 branch

0 packages

0 releases

1 contributor

Branch: master

New pull request

Create new file

Upload files

Find file

Clone or download

abcdea test

Latest commit f3798e8 2 minutes ago

.DS_Store

first commit dsStore

5 minutes ago

README.txt

test

2 minutes ago

README.txt

sfsdfdsf111111

分支管理