

## GitHub

### SSH

```
ssh-keygen -t rsa -C "flowjacky@gmail.com"  
ssh-agent bash && ssh-add && ssh-add ~/.ssh/github_id_rsa && ssh -T git@github.com
```

#### 创建·先本地后云端

```
mkdir my-repo && cd my-repo && git init  
vim README.md && vim .gitignore  
(git add * && git commit -m "set up") || git commit -a -m "set up"  
GitHub 建库 && git remote add origin git@github.com:fl0wjacky/my-repo.git  
git push -u origin master
```

#### 创建·先云端建库然后 clone

```
GitHub 建库 && git clone git@github.com:fl0wjacky/my-repo.git  
git remote || git remote -v
```

#### 查看及版本回退

```
git status  
git log --graph --pretty=oneline --abbrev-commit  
git reflog && (git reset --hard HEAD^ || git reset --hard HEAD^^ || git reset --hard hash_code)
```

#### 比较及恢复

```
git diff README.md #work directory VS index  
git checkout -- README.md #index -> work directory  
git diff HEAD -- README.md #work directory VS HEAD  
git reset HEAD -- README.md #HEAD -> index
```

#### 分支

```
git branch  
git branch dev && git checkout dev => git checkout -b dev  
(git branch dev origin/dev && git checkout dev) || git checkout -b dev origin/dev #set push  
git branch --set-upstream dev origin/dev && git pull #set pull  
git checkout master && git merge --no-ff -m '非 Fast-forward 合并' dev  
git push origin dev  
git branch -d dev  
git branch -D dev #强制删除未合并的 dev 分支
```

#### commit 前暂存

```
git stash  
git stash list  
git stash apply stash@{0} && git stash drop stash@{0} => git stash pop
```

#### 标签

```
git tag v1.0 #给当前提交打标签 || git tag v0.9 hash_code #tag 指定提交  
git tag #查看所有标签 || git show v0.9 #查看指定标签详情  
git tag -a v0.1 -m "version 0.1 released" hash_code #添加注释  
git tag -d v0.1 #删除标签  
git push origin v1.0 #同步指定标签 || git push origin --tags #同步所有标签  
git tag -d v0.9 && git push origin :refs/tags/v0.9 #同步删除的标签
```

#### 配置

```
git config --global user.name "fl0wjacky" && git config --global user.email "flowjacky@gmail.com"  
git config --global alias.st "status" && git config --global color.ui true  
git config --global alias.lg "log --color --graph --pretty=format:'%Cred%H%Creset-%C(yellow)%d  
%Creset %s %Cgreen(%cr) %C(bold blue)<an>%Creset' --abbrev-commit"
```