

github配置

1、安装git

官网下载或者安装包

1、idea配置git

- 快捷键ctrl+alt+s或选择setting打开配置 ->version Control->git

![截图](attachment:6cfbc44f38990230941092da5e6c01aa)

- 快捷键ctrl+alt+s或选择setting打开配置 ->version Control->gitHub添加账号， gitlab同理

2、生成公钥

- 桌面打开git bash here
- 输入命令：ssh-keygen -t rsa -C "your_email@example.com" 生成公钥私钥 即~.ssh文件夹下有两个文件 id_rsa 为私钥 id_rsa.pub为公钥
- 输入passphrase 为wwy950905

3、公钥测试

- git remote 查看仓库
- git remote -v 查看仓库地址

```
remote
PS C:\Users\wang.wenyi\IdeaProjects\cmfz> git remote
origin
origin https://github.com/Wangwy0905/cmfz.git (fetch)
origin https://github.com/Wangwy0905/cmfz.git (push)
```

- (1) 使用cat ~/.ssh/id_rsa.pub | clip命令 将SSH公钥添加到github中， 或者在linux/mac中使用命令cat ~/.ssh/id_rsa.pub | xclip -selection clipboard
- (2) 登录github网站->用户头像->setting->点击SSH AND GPG keys->new ssh key or add ssh key 输入title标题->在文本中粘贴SSH公钥 ->完成
- 测试SSH连接命令：ssh -T git@github.com

```

PS C:\Users\wang.wenyi\IdeaProjects\cmfz> ssh -T git@github.com
The authenticity of host 'github.com (20.205.243.166)' can't be established.
ECDSA key fingerprint is SHA256:p2QAMXNIC1TJYWeI0ttrVc98/R1BUFWu3/LiyKgUfQM.
Are you sure you want to continue connecting (yes/no)? yes
Warning: Permanently added 'github.com,20.205.243.166' (ECDSA) to the list of known hosts.
Enter passphrase for key 'C:\Users\wang.wenyi/.ssh/id_rsa':
Hi Wangwy0905! You've successfully authenticated, but GitHub does not provide shell access.
Enter passphrase for key 'C:\Users\wang.wenyi/.ssh/id_rsa':
Hi Wangwy0905! You've successfully authenticated, but GitHub does not provide shell access.
PS C:\Users\wang.wenyi\IdeaProjects\cmfz> ls -la

```

- 如果结果显示 but GitHub does not provide shell access，需要将项从使用http/https协议切换到SSH协议，步骤：进入项目根目录->修改.git配置目录下的config文件，将URL替换为SSH方式 注意：.git可能为隐藏文件 可通过cd .git 切入或直接通过文件目录进入，ls打开文件->config文件 vim config或文件直接进入修改配置文件

The screenshot shows a Windows File Explorer window displaying the contents of the .git directory. The path is C:\Users\wang.wenyi\IdeaProjects\cmfz\.git. The files listed are hooks, info, logs, objects, refs, COMMIT_EDITMSG, config, description, FETCH_HEAD, HEAD, index, ORIG_HEAD, and packed-refs. The config file is highlighted with a red box.

Below the File Explorer, a text editor window shows the contents of the config file. The file is a configuration for Git, with sections for [core], [submodule], [remote "origin"], and [branch "master"]. The remote origin URL is highlighted with a red box:

```

1 [core]
2     repositoryformatversion = 0
3     filemode = false
4     bare = false
5     logallrefupdates = true
6     symlinks = false
7     ignorecase = true
8 [submodule]
9     active = .
10 [remote "origin"]
11     url = git@github.com:Wangwy0905/cmfz.git
12     fetch = +refs/heads/*:refs/remotes/origin/*
13 [branch "master"]
14     remote = origin
15     merge = refs/heads/master
16

```

- 保存
- 测试push成功