

# Permission denied (publickey). fatal: Could not read from remote repository. 解决办法

解决办法:

1, 将连接方式从http更换为ssh。注意, github.com后面一定有(冒号):

```
git remote rm origin
git remote add origingit@github.com:username/respository.git
```

2, 生成新的ssh key。这里会提示要不要rewrite, 键入y, 还有提示输入passPhrase, 输入空格即可。

```
cd ~/.ssh
ssh-keygen
```

3, 测试一下连接。

```
ssh -T -v git@github.com
```

不出意外的话这里会报错, 最后几行提示信息如下:

```
debug1: Offering RSA public key: yourpath/.ssh/id_rsa
debug1: Authentications that can continue: publickey
debug1: Trying private key:yourpath/.ssh/id_dsa
debug1: Trying private key:yourpath/.ssh/id_ecdsa
debug1: Trying private key:yourpath/.ssh/id_ed25519
debug1: No more authentication methods to try.
Permission denied (publickey).
```

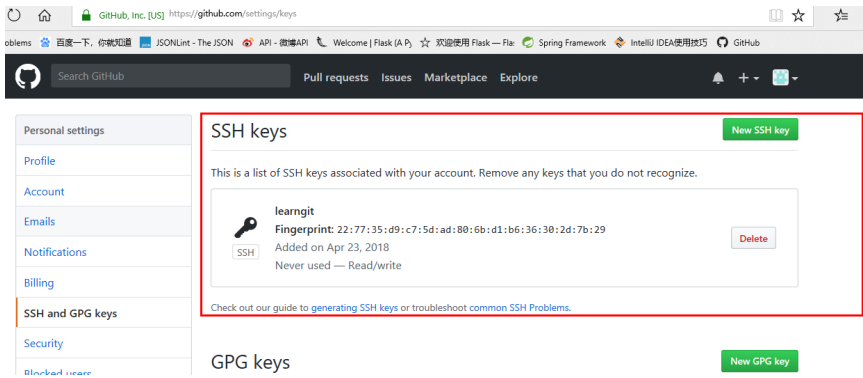
提示信息表明路径 yourpath/.ssh下id\_rsa文件存在, 并且提供public key, 然而无法和网站中的ssh-key匹配上。于是程序转而寻找yourpath/.ssh路径下的id\_dsa文件, id\_ecdsa文件, id\_ed25519文件, 看它们是不是能提供新的public key。

查看一下 yourpath/.ssh, 会发现下面根本不存在id\_dsa, id\_ecdsa, id\_ed25519文件。出错的原因其实在于步骤4更新了本地的ssh key, 然而网站上的ssh key还为旧值, 所以匹配不上, 就报错Permission denied (publickey)

4, 打开yourpath/.ssh/id\_rsa.pub (.pub为公钥文件, id\_rsa为私钥文件), 复制里面的内容。

```
1 ssh-rsa
  AAAAB3NzaC1yc2EAAAADAQABAAQAw6z8mZYNYHiNyagF0mI9pDj1l3ulN7rrzIr8HkfGGikjODjgw4Bqf0eNpenKVmIvxChJ+o1lDLdBuc2YbGW/0OmUciwYxUwEA+
  O0j3GY3byYUlmYlgL/qxmXvXHYr2ge3p4RAp/LIUjJJhdU6/qEvZXQngPi806UubQVfDKWnNv35ddMoZdZhcW9x4HmT//HOAiSBtRD3GD4kbwtuvTjoOcyH/kJnQU+WDLd
  puyoEU9aaI6g+d5Q4ZMIT/I6TrPsdqfBff0o/NwLSLlJy7ZepM0yHmyBwb/BXVGWbXAh15TR7fGCjlfytX+UpCtXmw4hoJ/oj+gUMl9vGyMgDuQX
  lizx3@asiainfo.com
2
```

5，打开<https://github.com/settings/profile>，在SSH key那栏选择New SSH Key，并将复制内容拷贝到其中，选择保存。



6，再次测试\$ ssh -T git@github.com，提示

You've successfully authenticated, but GitHub does not provide shell access.