

配置环境

[机器要求](#)

[安装git](#)

[生成ssh-key](#)

[安装repo命令](#)

配置github账号

拉取代码

[拉取测试仓库](#)

[拉取FreemeOS代码](#)

[拉取modem代码](#)

[编译方法](#)

配置环境

机器要求

- 机器：ubuntu 14.04或者更高版本
- 内存：>=16G
- 硬盘：>=100G

安装git

ubuntu14.04使用的git（版本1.9）版本过低，建议安装新版本git，命令如下：

```
$ sudo add-apt-repository ppa:git-core/ppa
$ sudo apt-get update
$ sudo apt-get install git
$ git version
git version 2.11.0
```

PS. ubuntu 16.04或者更高版本，不需要更新 `git`。

请把下面的 `yourname` 替换为自己的名字。

```
$ git config --global user.email "yourname@xxx"
$ git config --global user.name "yourname"
$ git config --global core.editor vim
```

参考：[更多配置](#)

生成ssh-key

请把下面的 `yourname` 替换为自己的名字。

```
$ ssh-keygen -t rsa -b 4096 -C "yourname@xxxx"
```

之后一直回车即可。执行完毕后生成 `~/.ssh` 目录，其中保存了一对秘钥（`id_rsa.pub`为公钥，`id_rsa`为私钥）

安装repo命令

```
$ mkdir ~/bin
$ PATH=~/bin:$PATH
$ curl https://storage.googleapis.com/git-repo-downloads/repo > ~/bin/repo
$ chmod a+x ~/bin/repo
```

注意上述命令需要翻墙，如果无法翻墙，可使用清华Android镜像提供的git-repo仓库，方法如下：

```
$ mkdir ~/bin
$ curl https://mirrors.tuna.tsinghua.edu.cn/git/git-repo > ~/bin/repo
$ chmod +x repo
$ chmod a+x ~/bin/repo
```

打开 `~/.bashrc`，最后添加下行。

```
export REPO_URL='https://mirrors.tuna.tsinghua.edu.cn/git/git-repo/'
```

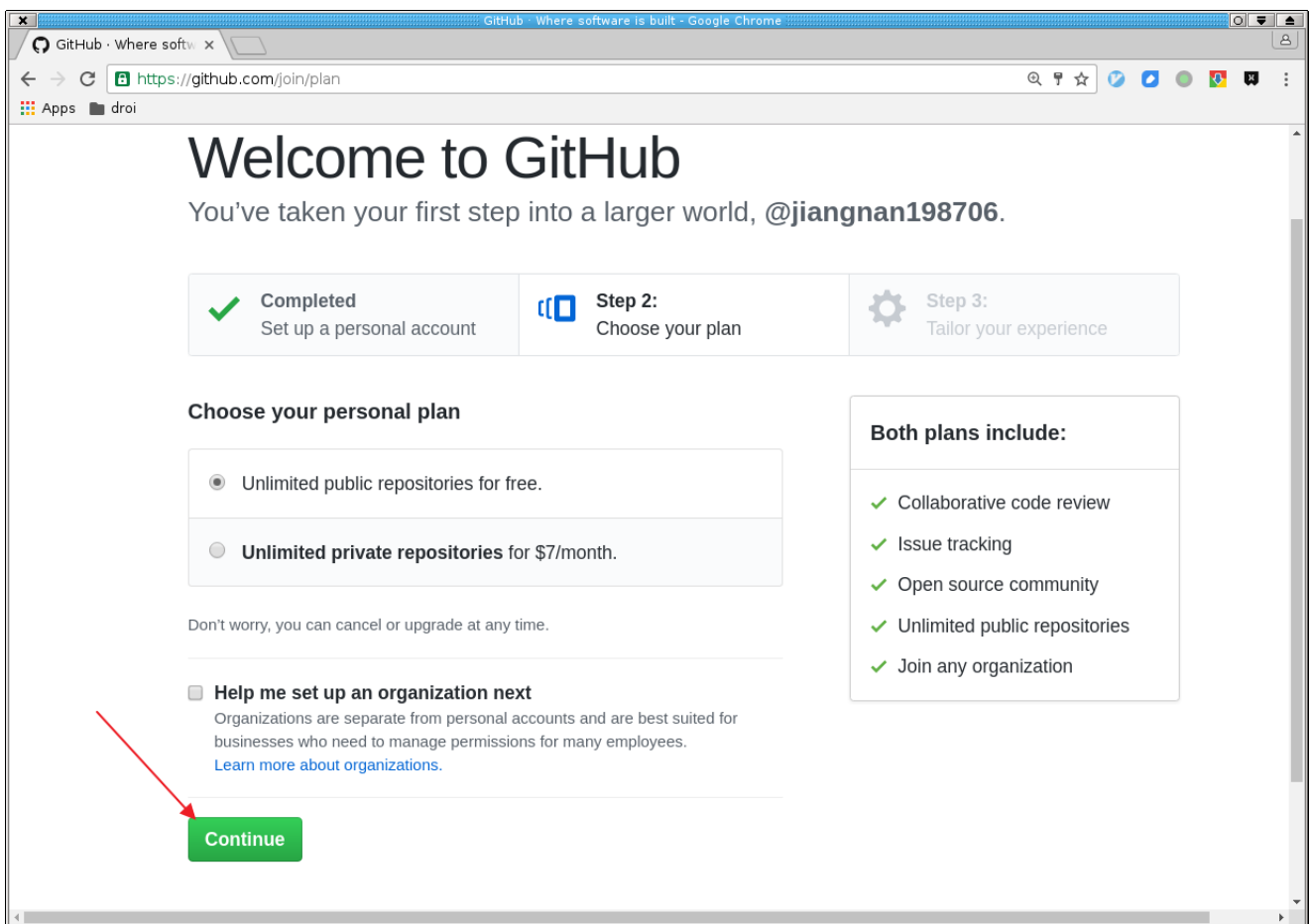
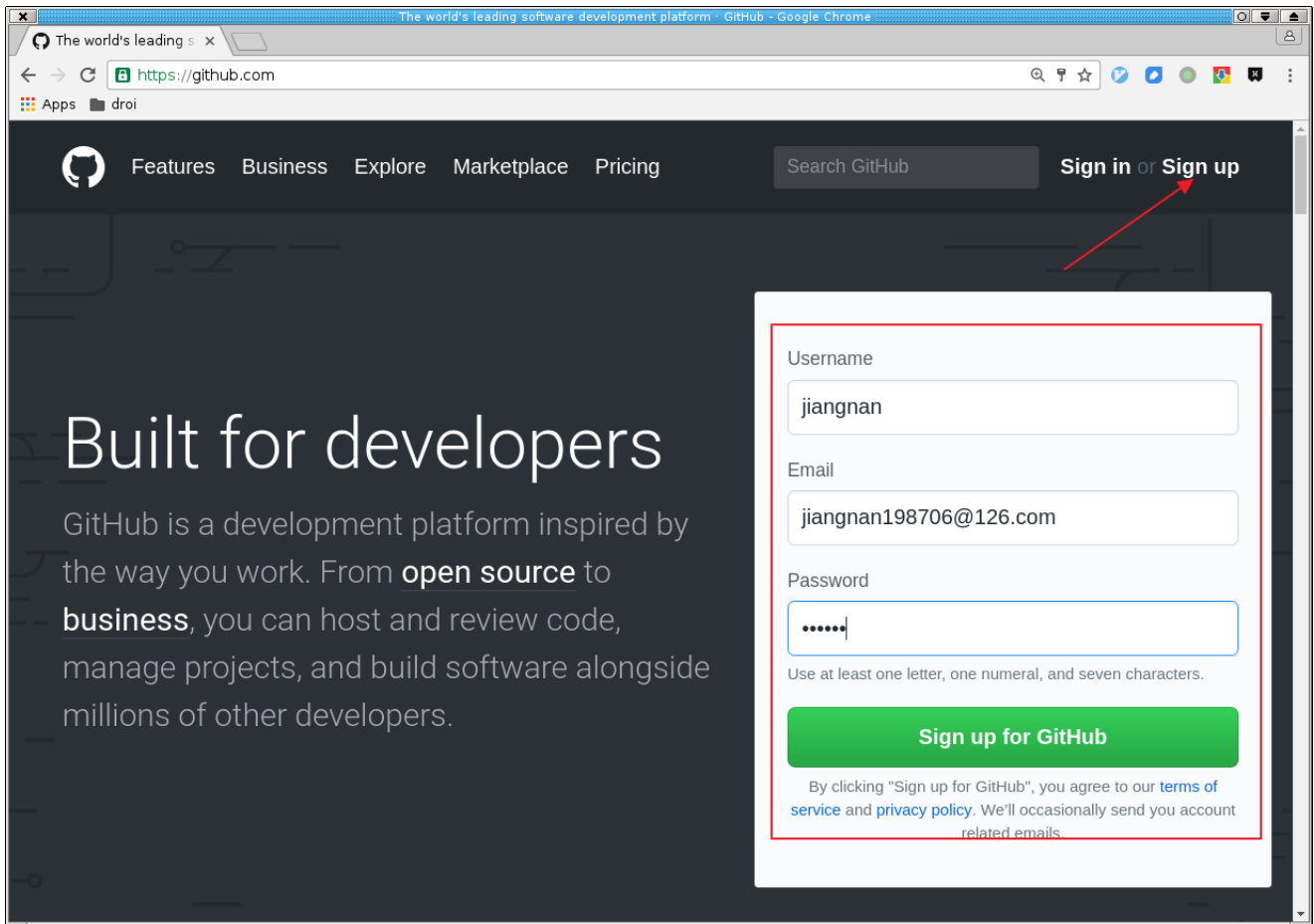
重启系统确保repo命令安装配置成功。

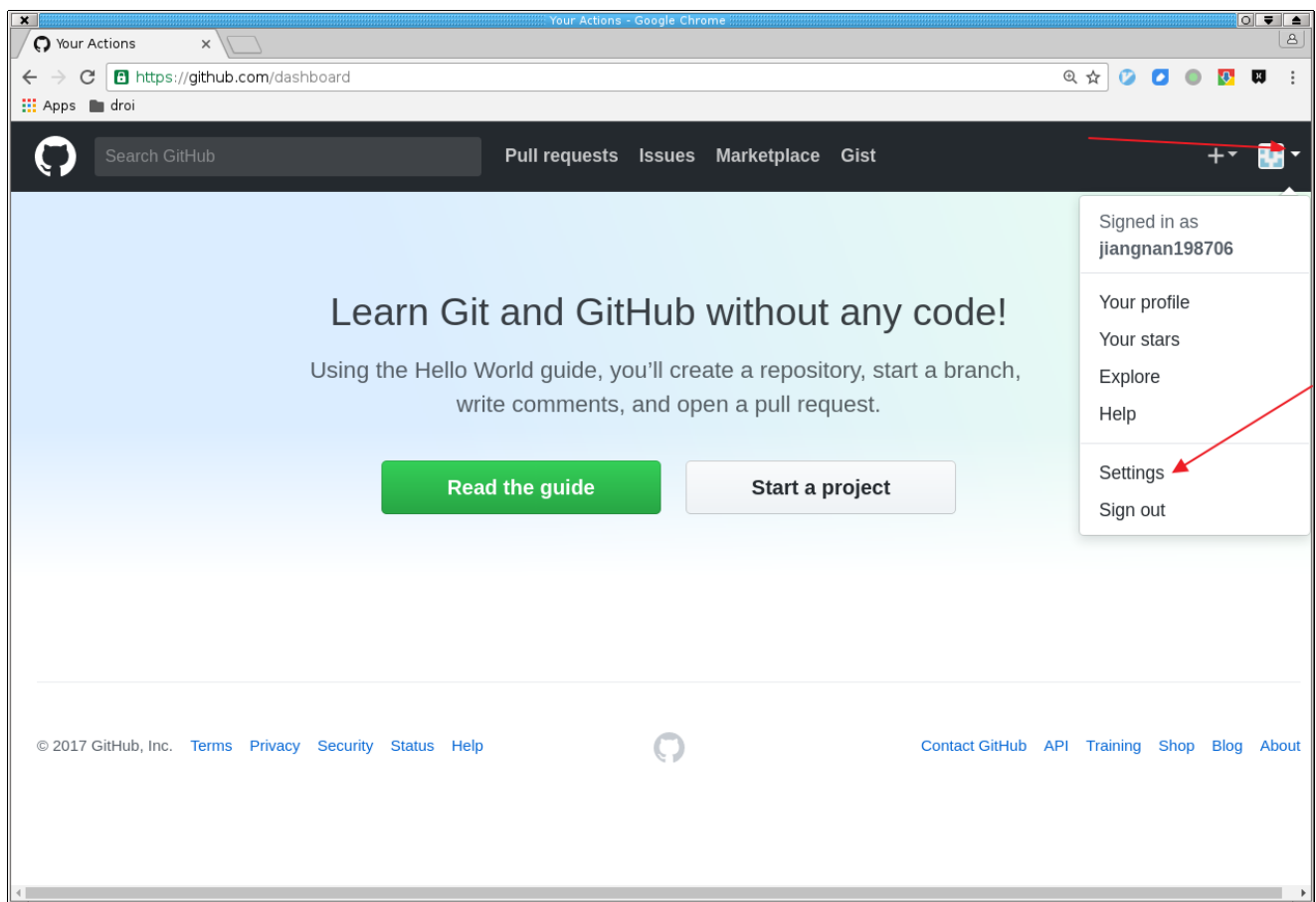
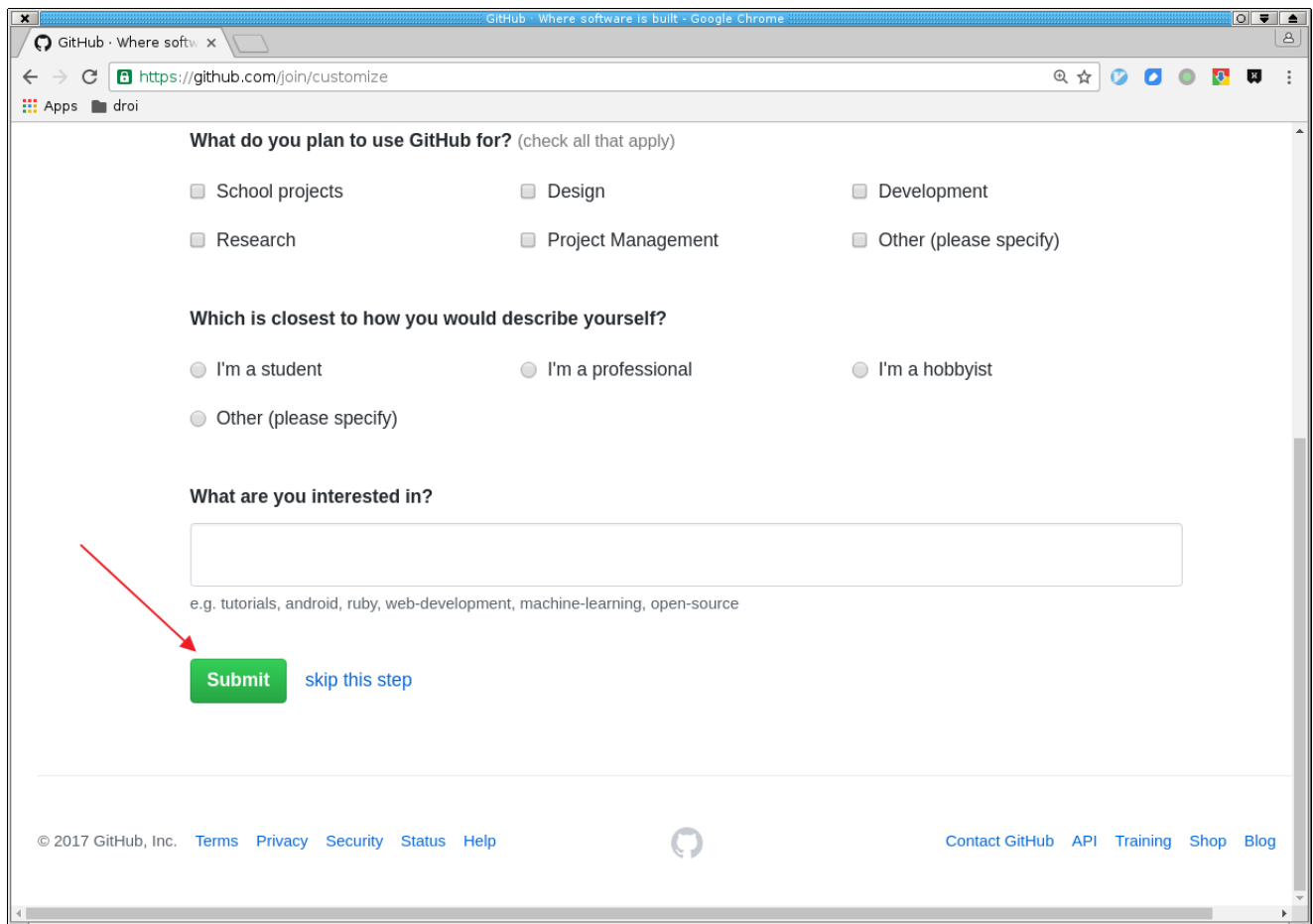
参考：

- <https://source.android.com/source/using-repo.html>
- <https://mirrors.tuna.tsinghua.edu.cn/help/git-repo/>

配置github账号

freemeOS代码发布在github上，为私有仓库。默认不可见。请先注册github账号。方法如下





请登陆自己的邮箱，完成认证。

SSH and GPG keys x

https://github.com/settings/keys

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Personal settings

Profile

Account

Emails

Notifications

Billing

SSH and GPG keys

Security

Blocked users

Repositories

Organizations

Saved replies

Authorized OAuth Apps

Authorized GitHub Apps

Installed GitHub Apps

Developer settings

SSH keys

There are no SSH keys with access to your account.

Check out our guide to [generating SSH keys](#) or troubleshoot [common SSH Problems](#).

New SSH key

GPG keys

There are no GPG keys with access to your account.

Learn how to [generate a GPG key and add it to your account](#).

New GPG key

```
prife@prife: ~  
$ cat ~/.ssh/id_rsa.pub [21:35:33]  
ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAQDAQdKGSd4RhB03gsAZd3dkZYyEhDugjxjITAFi8F6Krb/Y3ckn9yG/hCI4X  
/0lakG8lU1umrAp952JhBwb8c/h0nlpNaJ1DxYny6XGunsIhXs0uQZqnNijThqwXXggHAQh+digWXhYaC44sdHpBI2vjpT1  
hfFqZVG5oiXw... [REDACTED] ...ZM1F5g2xXWzNuFGLGqR  
ps92HQL8N1/EY4eY1ERTMvdxs4RbldhAgnv... [REDACTED] ...dtnB1/kTkqm0Dlsq+g+Tw+P  
woMEEbU2Zas5nvj... [REDACTED] ...e93/bKYnc17MGr4I4o  
C2TGbdCsNXbDzj050... [REDACTED] ...  
GLyL0yhL76EHsxz10... [REDACTED] ...  
2SCUbh8L7iQd75HeExjLNUq4WdCQLMioEgQU/yyMvT1e+oQVJ5uQkDkIQ== jiangnan198706@126.com  
  
prife@prife: ~  
$ [21:35:37]
```

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SSH and GPG keys

Search GitHub

Pull requestsIssuesMarketplaceGist

Personal settings

Profile

Account

Emails

Notifications

Billing

SSH and GPG keys

Security

Blocked users

Repositories

Organizations

Saved replies

Authorized OAuth Apps

Authorized GitHub Apps

Installed GitHub Apps

Developer settings

SSH keys

New SSH key

There are no SSH keys with access to your account.

Title

Key

粘贴到这里

/hCI4X/OlakG8lU1umrAp952JhBWb8c/h0nlpNaJ1DxYny6XGunsIhXsOuQZqnNijThqwXXggHAQH+digWXhYaC44sdHpBI2vipT1hfFgZVG5oiXwmX03UOXIf+PBfHaF2g/ExP8scS4ZCbmu6NHKmhYugFoPVTzm7gGHBemnCJOEySuZM1F5g2xXWzNuFGLgqRps92HQL8NlEY4eYIEB1NVqXs4RpLqLbAcpyeu0DOXOIxyXFW9X6aEKJ7xJHcPxr/yNyRn8vdtNB1/kTkqm0Dlsq+g+Tw+PwoMEEbU2Zas5nvjxvgZaHz9Ldc1OPRSUTQRHNCuL1d4MV4DtYyjws2n7TIHpePQNkRKZKXKtiwmRQe93/bKYNc17MGr4l4oC2TGbdCsNXbDZjG9GTqa/gpapyMC6OFyS00mhrnlbVpxDd797ldAvpK2nb75u5jHPyTAf1HUwIBIOQRiLcsqk1R38Olug8HGLyL0yhL76EHsxzie5PHLSDPs/gCu5TSjm6MzLIbfVn5LN/X/KRZGNgraxS+qqZ4eFUzYF0DCow0zXHZ0YNofUJVOG1gUV2SCUbh8L7iQd75HeExjLNuQ4WdCQLMioEgQU/yyMvT1e+oQVJ5uQkDkIQ==

jiangnan198706@126.com

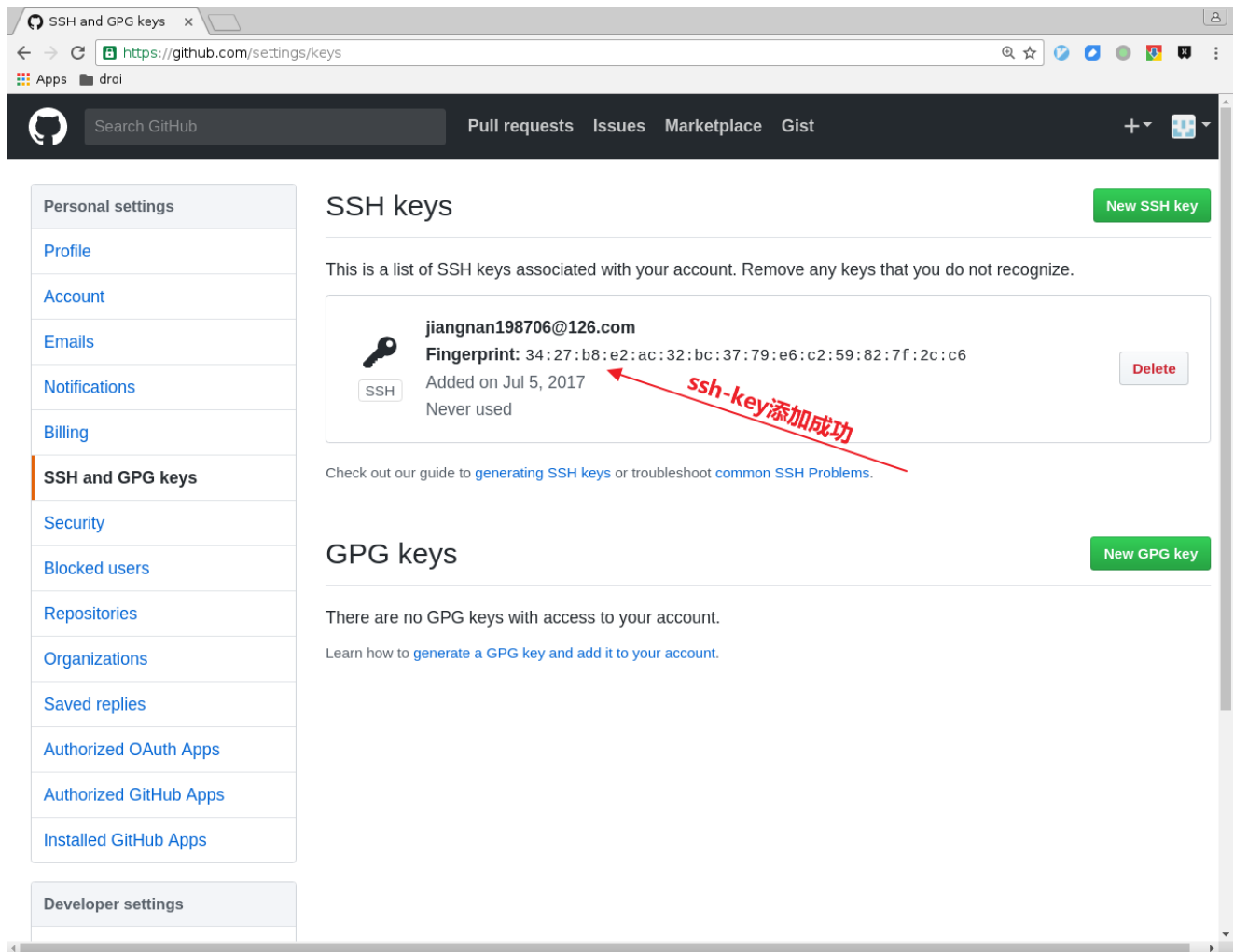
Add SSH key

Check out our guide to [generating SSH keys](#) or troubleshoot [common SSH Problems](#).

GPG keys

New GPG key

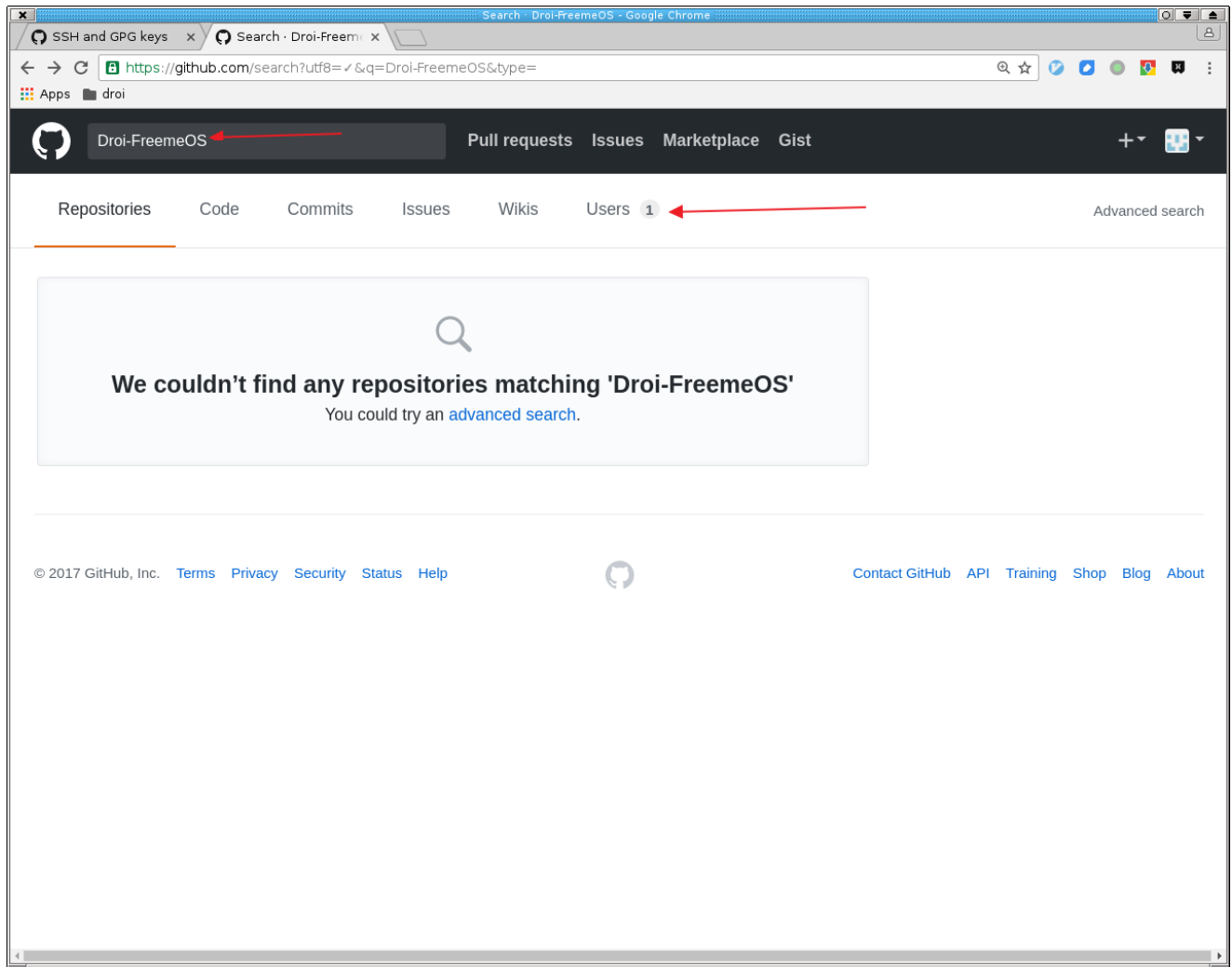
There are no GPG keys with access to your account.



拉取代码

github账号注册完毕后，请将该账号提供给我司，我司将贵司github账号添加为合作伙伴。

在github中搜索Droi-FreemeOS组织，即可查看



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https://github.com/Droi-FreemeOS

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View invitation



Droi-FreemeOS

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People 0

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test

Updated 5 days ago

People0 >

This organization has no public members. You must be a member to see who's a part of this organization.

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You've been invited to the **Droi-FreemeOS** organization!

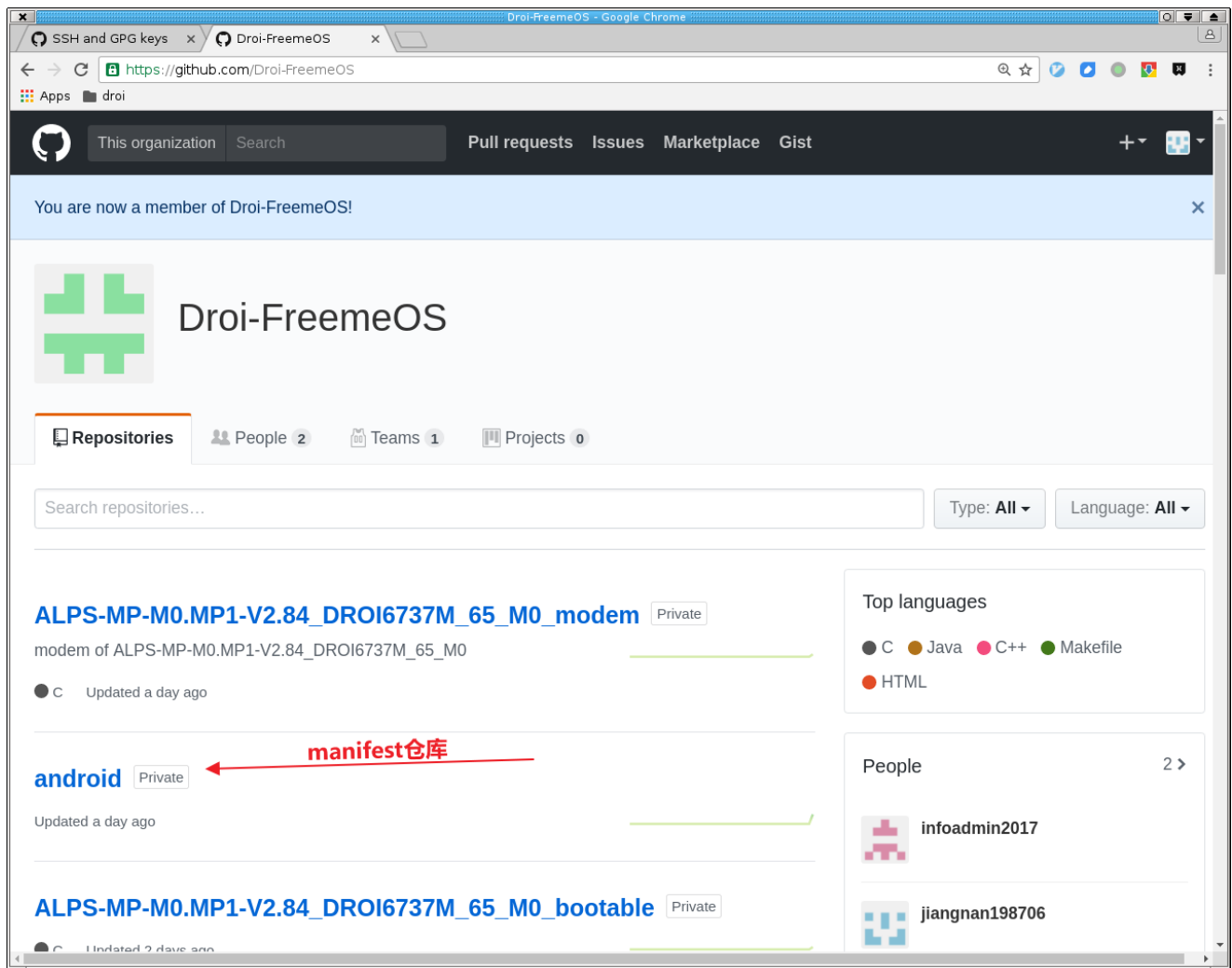
Invited by infoadmin2017

[Join Droi-FreemeOS](#)

🔒 **Owners** of Droi-FreemeOS will be able to see if you have two-factor authentication enabled or not.

[View two-factor authentication settings](#)





拉取测试仓库

```
$ mkdir test
$ repo init -u git@github.com:Droi-FreemeOS/android.git -m test.xml
$ repo sync
$ repo start --all master
```

拉取FreemeOS代码

```
$ mkdir test
$ repo init -u git@github.com:Droi-FreemeOS/android.git -m ALPS-MP-M0.MP1-
V2.84DROI6737M65_M0.xml
$ repo sync
$ repo start --all master
```

拉取modem代码

```
$ git clone git@github.com:Droi-FreemeOS/ALPS-MP-M0.MP1-V2.84_DROI6737M_65_M0_modem.git
```

编译方法

- 编译Android

```
source build/envsetup.sh
lunch full_droi6737t_35g_m0-user
make -j32
```

- 编译modem
移动联通

```
./make.sh
$project.mak new
```

电信

参考C2K_Modem_Build_Environment.pdf，密码6322477226