

注册 github 帐号

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world's leading software development platform

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Sign in **Sign up**

Built for developers

GitHub is a development platform inspired by the way you work. From **open source** to **business**, you can host and review code, manage projects, and build software alongside millions of other developers.

Username

Pick a username

Email

caijt5@mail2.sysu.edu.cn

Password

.....

Use at least one letter, one numeral, and seven characters.

Sign up for GitHub

By clicking "Sign up for GitHub", you agree to our [terms of service](#).

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Join GitHub

The best way to design, build, and ship software.

Step 1:
Create personal account

Step 2:
Choose your plan

Step 3:
Tailor your experience

Create your personal account

Username

12315456713123123 ✓

This will be your username — you can enter your organization's username next.

Email Address

You will occasionally receive account related emails. We promise not to share your email with anyone.

Password

Use at least one lowercase letter, one numeral, and seven characters.

By clicking on "Create an account" below, you are agreeing to the [Terms of Service](#) and the [Privacy Policy](#).

Create an account

You'll love GitHub

- Unlimited collaborators
- Unlimited public repositories
- ✓ Great communication
- ✓ Frictionless development
- ✓ Open source community

Completed
Set up a personal account

Step 2:
Choose your plan

Step 3:
Tailor your experience

Choose your personal plan

☒ Unlimited public repositories for free.

☐ Unlimited private repositories for \$7/month.

Don't worry, you can cancel or upgrade at any time.

☐ Help me set up an organization next
Organizations are separate from personal accounts and are best suited for businesses who need to manage permissions for many employees. [Learn more about organizations](#)

☐ Send me updates on GitHub news, offers, and events
Unsubscribe anytime in your email preferences. [Learn more](#)

Continue

公有库

Both plans include:

✓ Collaborative code review

✓ Issue tracking

✓ Open source community

✓ Unlimited public repositories

✓ Join any organization

要填可以填

Completed
Set up a personal account

Step 2:
Choose your plan

Step 3:
Tailor your experience

How would you describe your level of programming experience?

☐ Very experienced

☐ Somewhat experienced

☐ Totally new to programming

What do you plan to use GitHub for? (check all that apply)

☐ Design

☐ School projects

☐ Research

☐ Project Management

☐ Development

☐ Other (please specify)

Which is closest to how you would describe yourself?

☐ I'm a hobbyist

☐ I'm a student

☐ I'm a professional

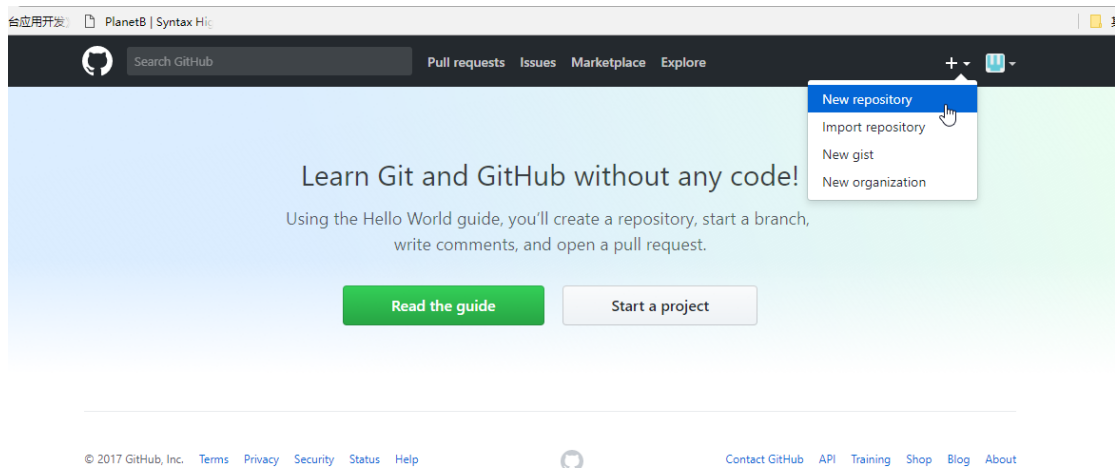
☐ Other (please specify)

What are you interested in?

e.g. tutorials, android, ruby, web-development, machine-learning, open-source

Submit skip this step

Github 建库



TA 要求的库名为 Android_lab

Create a new repository

A repository contains all the files for your project, including the revision history.

Owner: / **Repository name**

Great repository name: The repository Android_Lab already exists on this account but cautious-octo-eureka.

Description (optional):

☒ **Public**
Anyone can see this repository. You choose who can commit.

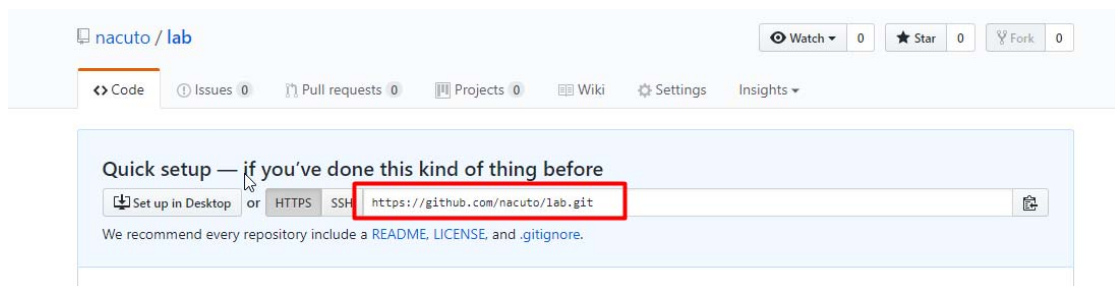
☐ **Private**
You choose who can see and commit to this repository.

☒ **Initialize this repository with a README**
This will let you immediately clone the repository to your computer. Skip this step if you're importing an existing repository.

Add .gitignore: **None** | Add a license: **None** ⓘ

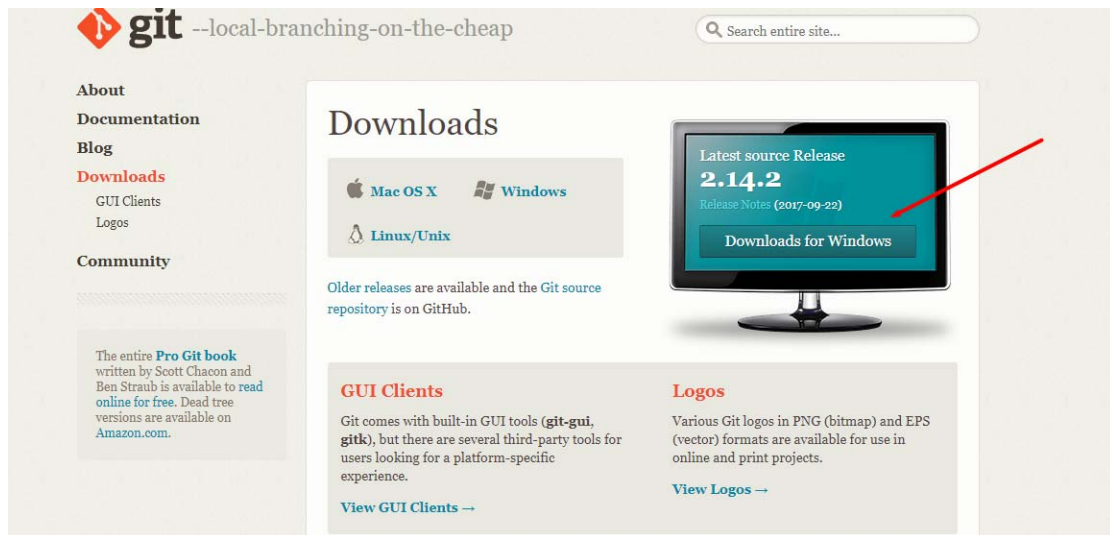
Create repository

之后这个 url 要用到



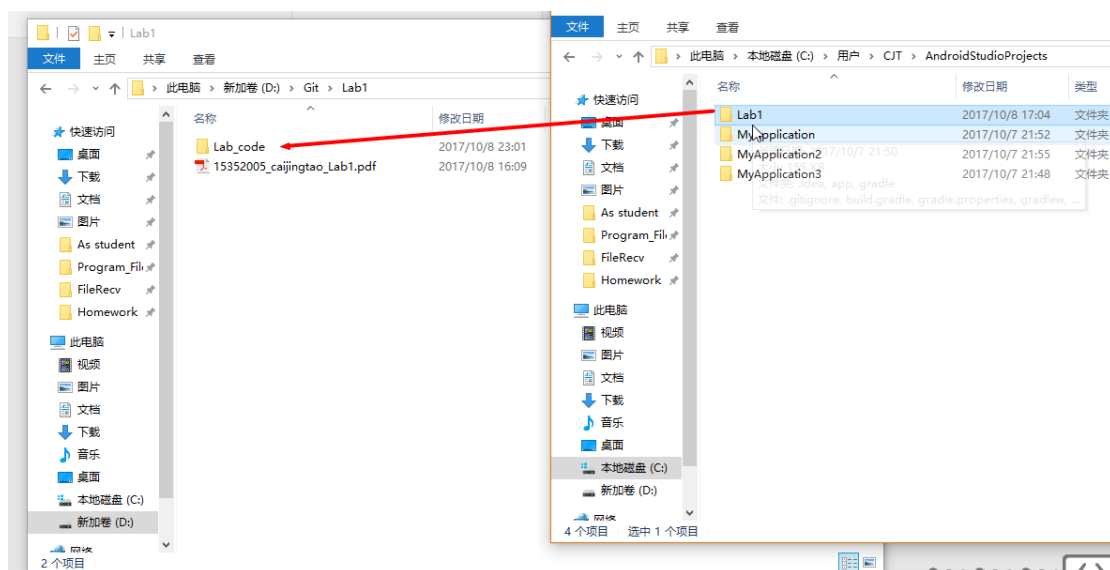
安装 git for windows (安卓实验课叫我们下载安装过)

<https://git-scm.com/downloads>

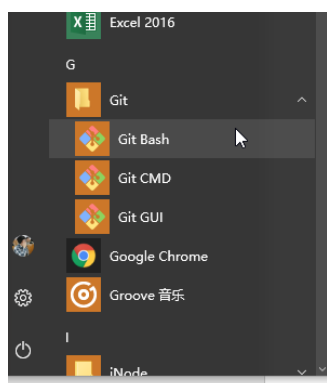


一路默认安装就好了

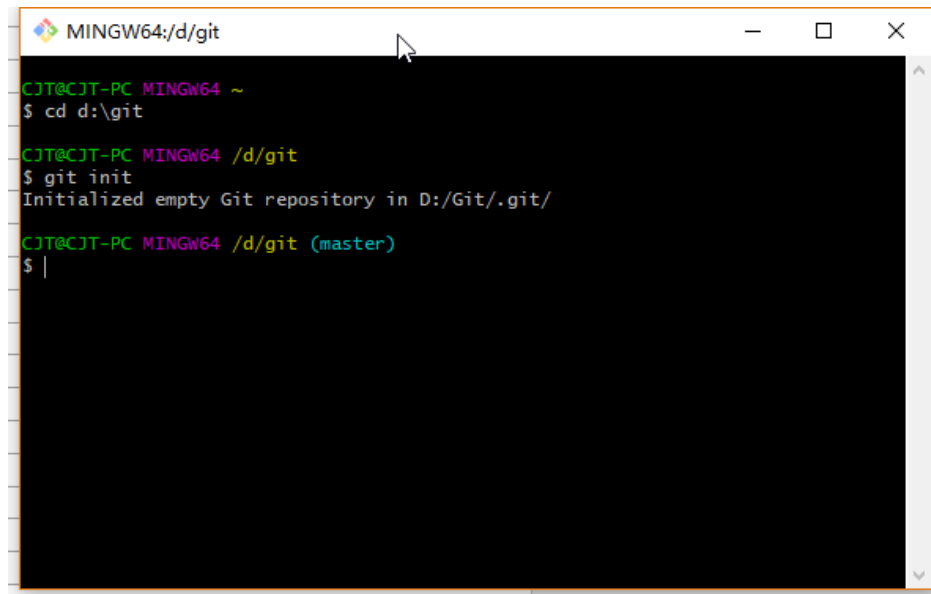
本地建个 Git 文件夹，按 TA 要求，把 project 和实验报告放进去
(在 Git 中新建 lab1，在 lab1 里把 project 和报告放进去)



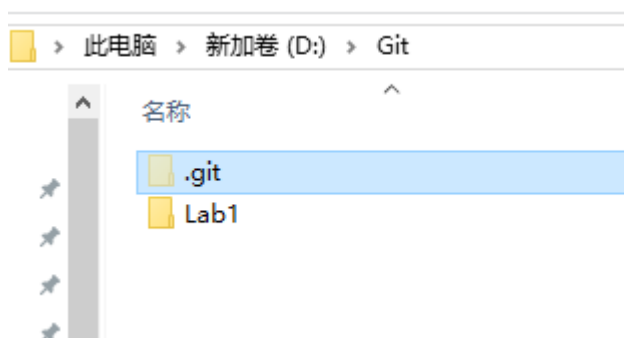
打开 git Bash



进入刚建的 Git 文件夹，使用 `git init` 指令，让文件夹转化成 git 能管理的本地仓库

A terminal window titled 'MINGW64:/d/git' with standard Windows window controls. The prompt is 'CJT@CJT-PC MINGW64 ~'. The user enters '\$ cd d:\git', and the prompt changes to 'CJT@CJT-PC MINGW64 /d/git'. Then the user enters '\$ git init', and the terminal outputs 'Initialized empty Git repository in D:/Git/.git/'. The prompt then changes to 'CJT@CJT-PC MINGW64 /d/git (master)' and the user enters '\$ |'.

可以看到，文件夹多了一个 `.git` 的文件夹（`.git` 默认是隐藏的）

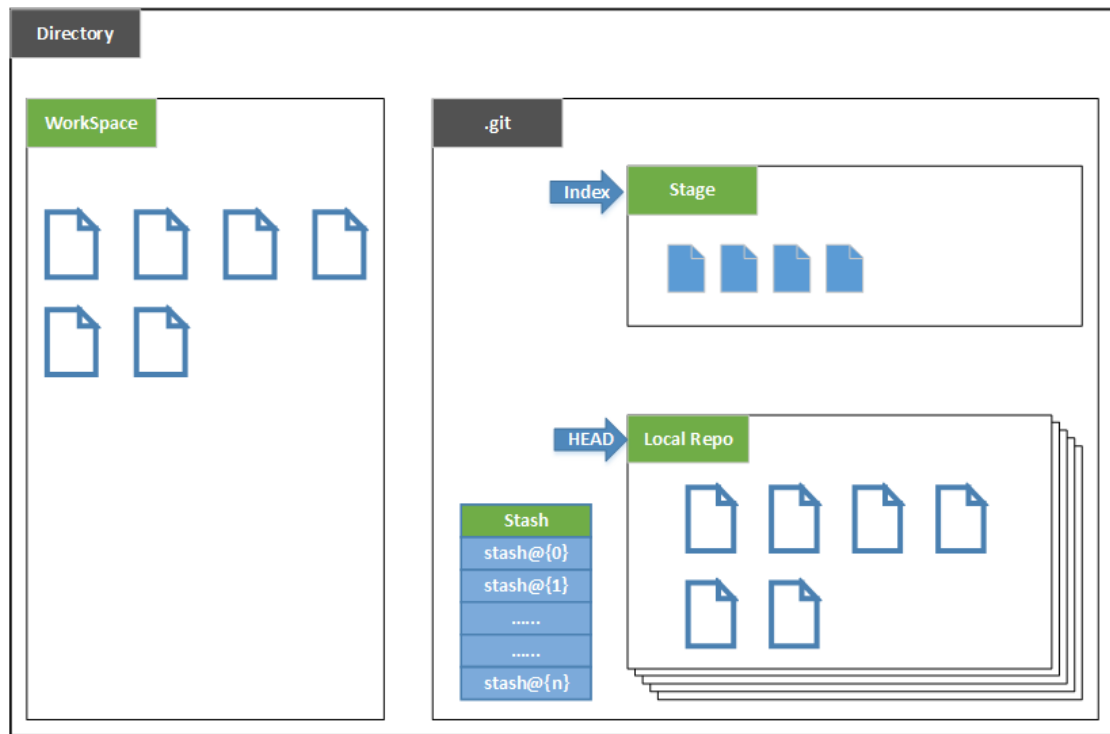


在 Git 中，我们将需要进行版本控制的文件目录叫做一个仓库（**repository**），每个仓库可以简单理解成一个目录，这个目录里面的所有文件都通过 Git 来实现版本管理，Git 都能跟踪并记录在该目录中发生的所有更新。

假如我们现在建立一个仓库（repo），那么在建立仓库的这个目录中有一个“`.git`”的文件夹。这个文件夹非常重要，所有的版本信息，

更新记录，以及 **Git** 进行仓库管理的相关信息全部保存在这个文件夹里面。所以，不要修改/删除其中的文件，以免造成数据的丢失。

进一步的讲解请参考下面一张图。

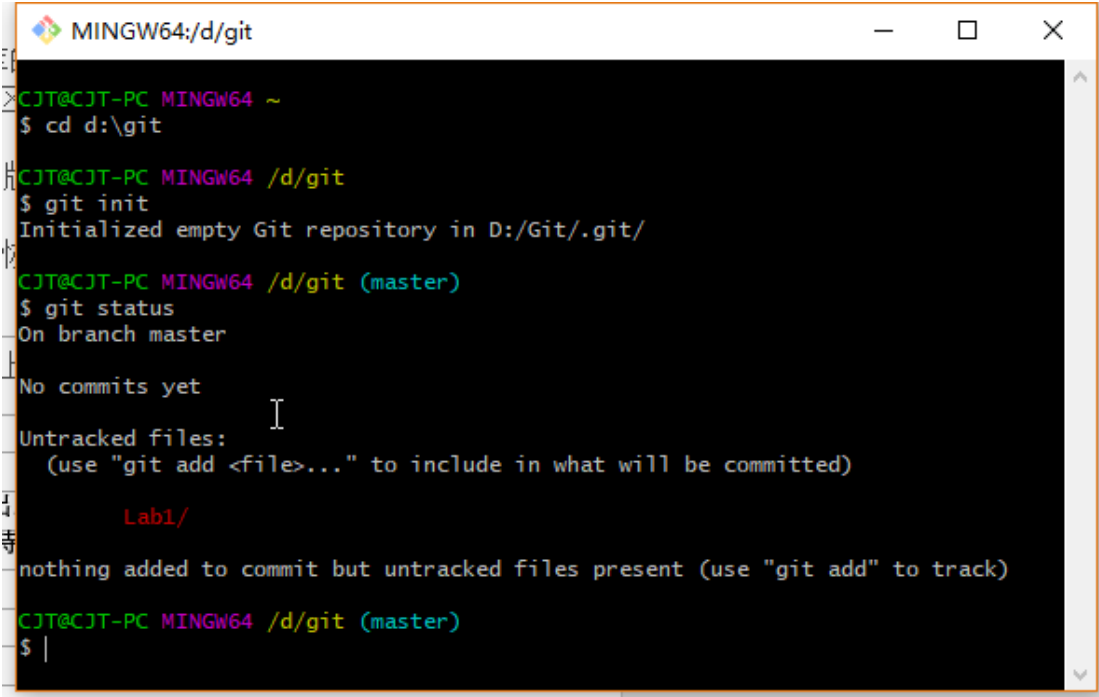


根据上面的图片，下面给出了每个部分的简要说明：

- **Directory:** 使用 Git 管理的一个目录，也就是一个仓库，包含我们的工作空间和 Git 的管理空间。
- **Workspace:** 需要通过 Git 进行版本控制的目录和文件，这些目录和文件组成了工作空间。
- **.git:** 存放 Git 管理信息的目录，初始化仓库的时候自动创建。
- **Index/Stage:** 暂存区，或者叫待提交更新区，在提交进入 repo 之前，我们可以把所有的更新放在暂存区。
- **Local Repo:** 本地仓库，一个存放在本地的版本库；HEAD 会只是当前的开发分支（branch）。
- **Stash:** 是一个工作状态保存栈，用于保存/恢复 Workspace 中的临时状态。

Workspace 就是 lab1，而其他所有都放在了.git 里面

通过"git status"可以查看 WorkSpace 的状态，看到输出显示"lab1"没有被 Git 跟踪，并且提示我们可以使用"git add <file>..."把该文件添加到待提交区（暂存区）。



```
MINGW64:/d/git
CJT@CJT-PC MINGW64 ~
$ cd d:\git

CJT@CJT-PC MINGW64 /d/git
$ git init
Initialized empty Git repository in D:/Git/.git/

CJT@CJT-PC MINGW64 /d/git (master)
$ git status
On branch master

No commits yet

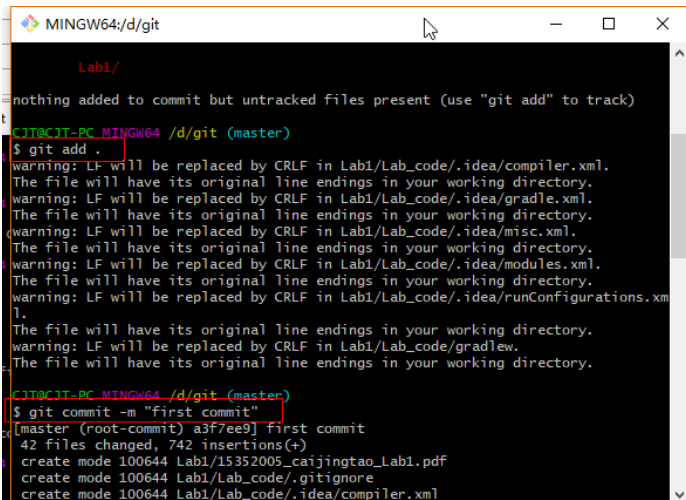
Untracked files:
  (use "git add <file>..." to include in what will be committed)

    Lab1/

nothing added to commit but untracked files present (use "git add" to track)

CJT@CJT-PC MINGW64 /d/git (master)
$ |
```

使用 git add . 添加到暂存区，并 commit -m 提交到本地仓库，-m 后面是输入本次提交的相关信息（message），以便之后查询



```
MINGW64:/d/git
Lab1/
nothing added to commit but untracked files present (use "git add" to track)

CJT@CJT-PC MINGW64 /d/git (master)
$ git add .
warning: LF will be replaced by CRLF in Lab1/Lab_code/.idea/compiler.xml.
The file will have its original line endings in your working directory.
warning: LF will be replaced by CRLF in Lab1/Lab_code/.idea/gradle.xml.
The file will have its original line endings in your working directory.
warning: LF will be replaced by CRLF in Lab1/Lab_code/.idea/misc.xml.
The file will have its original line endings in your working directory.
warning: LF will be replaced by CRLF in Lab1/Lab_code/.idea/modules.xml.
The file will have its original line endings in your working directory.
warning: LF will be replaced by CRLF in Lab1/Lab_code/.idea/runConfigurations.xml.
The file will have its original line endings in your working directory.
warning: LF will be replaced by CRLF in Lab1/Lab_code/gradlew.
The file will have its original line endings in your working directory.

CJT@CJT-PC MINGW64 /d/git (master)
$ git commit -m "first commit"
[master (root-commit) a3f7ee9] first commit
42 files changed, 742 insertions(+)
create mode 100644 Lab1/15352005_caijingtao_Lab1.pdf
create mode 100644 Lab1/Lab_code/.gitignore
create mode 100644 Lab1/Lab_code/.idea/compiler.xml
```

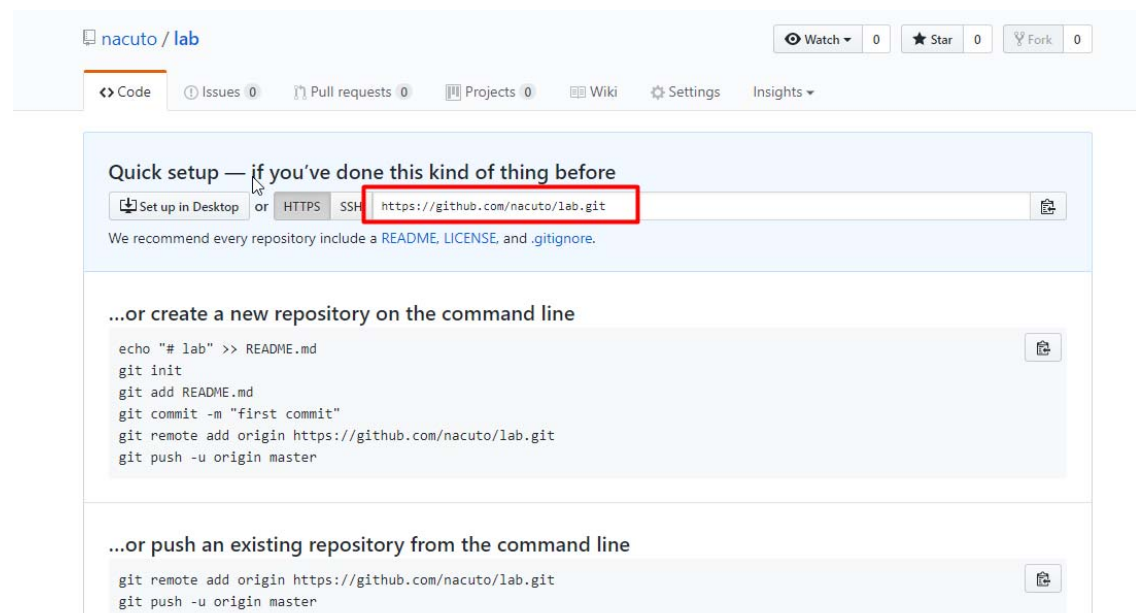
现在我们配置一下 Github 帐号相关内容

输入 `git config --global user.name "你的帐号名"` 与 `git config --global user.email "你的邮箱"`

```
CJT@CJT-PC MINGW64 ~/Desktop/Linhan (master)
$ git config --global user.name "nacuto"

CJT@CJT-PC MINGW64 ~/Desktop/Linhan (master)
$ git config --global user.email "caijt5@mail2.sysu.edu.cn"
```

由于我们本地已经存在了一个仓库，我们可以将本地的仓库推送到远程仓库中去，使用 `git push+[url]` (如果不行就按它的提示输入即可)
(中间会弹出一个窗口让你输入帐号和密码)



nacuto / lab

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Code Issues 0 Pull requests 0 Projects 0 Wiki Settings Insights

Quick setup — if you've done this kind of thing before

Set up in Desktop or HTTPS SSH https://github.com/nacuto/lab.git

We recommend every repository include a README, LICENSE, and .gitignore.

...or create a new repository on the command line

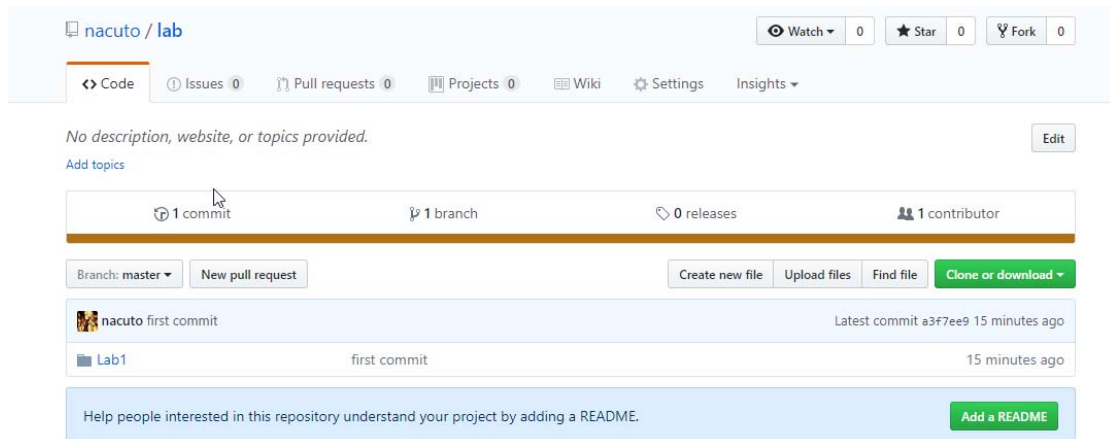
```
echo "# lab" >> README.md
git init
git add README.md
git commit -m "first commit"
git remote add origin https://github.com/nacuto/lab.git
git push -u origin master
```

...or push an existing repository from the command line

```
git remote add origin https://github.com/nacuto/lab.git
git push -u origin master
```

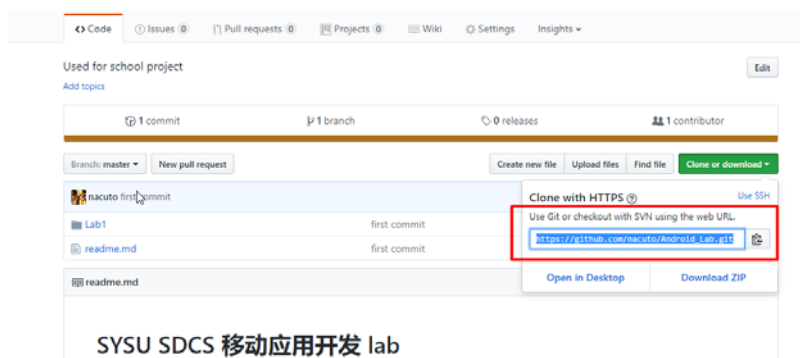
```
CJT@CJT-PC MINGW64 /d/git (master)
$ git push https://github.com/nacuto/lab.git
Counting objects: 75, done.
Delta compression using up to 4 threads.
Compressing objects: 100% (52/52), done.
Writing objects: 100% (75/75), 868.22 KiB | 15.50 MiB/s, done.
Total 75 (delta 0), reused 0 (delta 0)
To https://github.com/nacuto/lab.git
* [new branch] master -> master
```

刷新界面，发现已经推送上去了



复制 Android_lab 的库链接发到 TA 给定的网站

<https://www.chaojibiaoge.com/index.php/Form/i/sharekey/khdw9h18>



填写:安卓GitHub库链接-1

* 姓名
蔡昱韬

* 学号
15352005

* GitHub库地址
https://github.com/nacuto/Android_Lab

* 上课时段
周二-11节

提交

举报