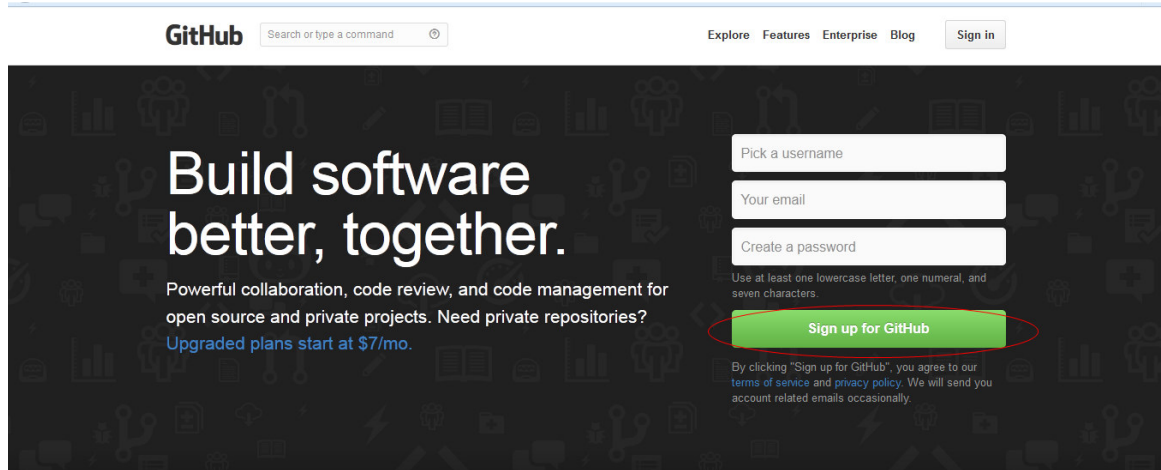


# Github Guide Book

- 申请 Github 个人账号
- 创建 Organization
- 创建 Repository 、上传 code
- 创建 Team
- 下载 code
- 常见问题

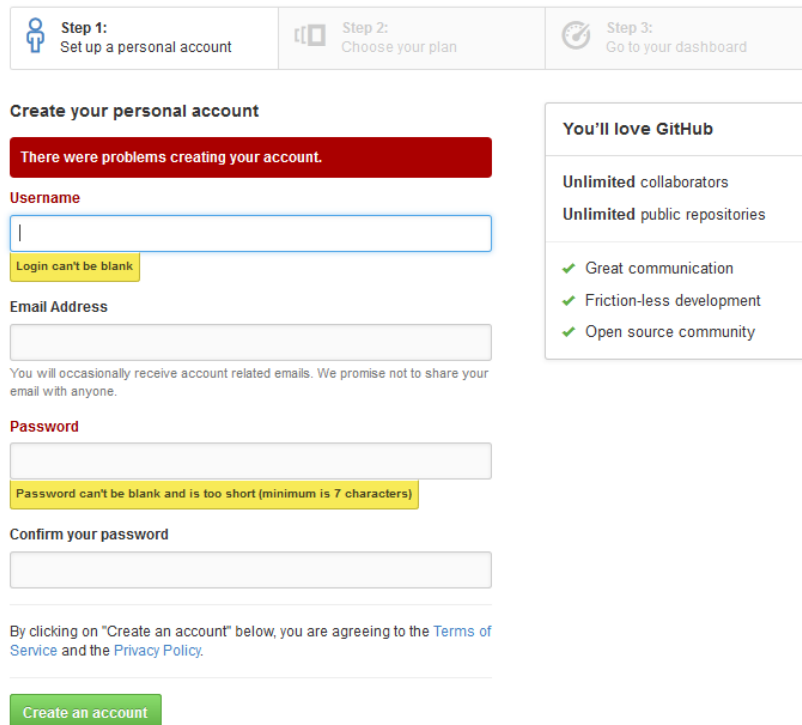
## 申请 Github 个人账号

- 1) 登陆 Github 主页：<https://github.com/>。注意：使用 IE 浏览器时，版本不要低于 version 9。点击绿色的【Sign up for Github】按钮进行注册。注册成功之后，下一次就可通过右上角的【Sign In】按钮登陆。



The screenshot shows the GitHub homepage with the slogan "Build software better, together." and a navigation bar. On the right side, there is a sign-up form with three input fields: "Pick a username", "Your email", and "Create a password". Below these fields is a green button labeled "Sign up for GitHub", which is circled in red. To the right of the button, there is a note: "Use at least one lowercase letter, one numeral, and seven characters." Below the button, there is a disclaimer: "By clicking 'Sign up for GitHub', you agree to our terms of service and privacy policy. We will send you account related emails occasionally."

- 2) 填写用户名、邮箱、密码后，点击绿色的【Create an account】按钮。



The screenshot shows the GitHub account creation process. At the top, there are three steps: "Step 1: Set up a personal account", "Step 2: Choose your plan", and "Step 3: Go to your dashboard". Below the steps, there is a section titled "Create your personal account". It contains a red error message: "There were problems creating your account." Below this, there are three input fields: "Username", "Email Address", and "Password". The "Username" field has a yellow error message: "Login can't be blank". The "Email Address" field has a note: "You will occasionally receive account related emails. We promise not to share your email with anyone." The "Password" field has a yellow error message: "Password can't be blank and is too short (minimum is 7 characters)". Below the password field, there is a "Confirm your password" field. At the bottom, there is a green button labeled "Create an account". To the right of the form, there is a box titled "You'll love GitHub" with the following text: "Unlimited collaborators", "Unlimited public repositories", "Great communication", "Friction-less development", and "Open source community".

- 3) plan 默认为 Free，点击绿色的【Finish sign up】按钮，这样就完成了注册。

# Welcome to GitHub

You've taken your first step into a larger world, @wangwenxue1989.



Completed  
Set up a personal account



Step 2:  
Choose your plan



Step 3:  
Go to your dashboard

## Choose your personal plan

Plan	Cost <small>(view in CNY)</small>	Private repos	
Large	\$50/month	50	<button>Choose</button>
Medium	\$22/month	20	<button>Choose</button>
Small	\$12/month	10	<button>Choose</button>
Micro	\$7/month	5	<button>Choose</button>
Free	\$0/month	0	<button>Chosen</button>

### Each plan includes:

Unlimited collaborators  
Unlimited public repositories

- ✓ Free setup
- ✓ SSL Protection
- ✓ Email support
- ✓ Wikis, Issues, Pages, & more

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

### ☐ Help me set up an organization next

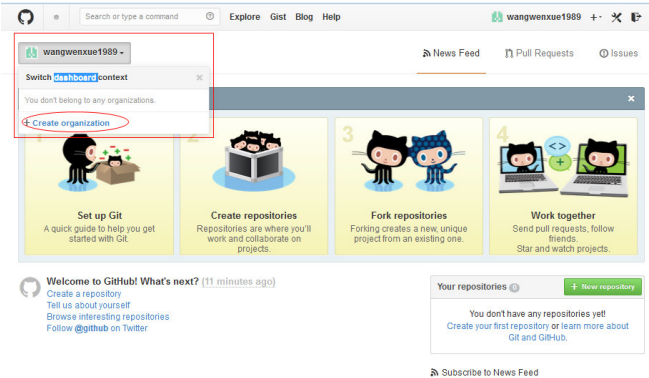
Organizations are separate from personal accounts and are best suited for businesses who need to manage permissions for many employees.  
[Learn more about organizations.](#)

Finish sign up

## 创建 Organization

Organizations are great for businesses and large open-source projects that need multiple owners and administrators. Here is the difference between user and organization accounts:<https://help.github.com/articles/what-s-the-difference-between-user-and-organization-accounts>

- 1) 登陆成功之后，单击左上角你的账号按钮，在下拉列表中选中 create organization



- 2) 页面跳转至【Create an organization】页面后，填写组织名和邮箱。免费用户请无视下方的付费计划。滚动页面至页脚处，点击绿色【Create organization】按钮。

## Set up the organization

### Organization name

Freescala-IMM



The organization will live at <https://github.com/Freescala-IMM>

### Billing email

b51443@freescala.com

Receipts will be sent here

## Choose the organization's plan



Plan	Cost <a href="#">(view in CNY)</a>	Private repos	
Diamond	\$450/month	300	<button>Choose</button>
Platinum	\$200/month	125	<button>Choose</button>
Gold	\$100/month	50	<button>Choose</button>
Silver	\$50/month	20	<button>Choose</button>
Bronze	\$25/month	10	<button>Choose</button>
Open Source	\$0/month	0	<button>Choose</button>

Create organization

## Organizations

- ✓ Repository management
- ✓ Fine-grained permissions
- ✓ Focused dashboard




The credit card and plan you choose on this screen will be billed to the organization — not your user account (**wangwenxue1989**).

## Managed by owners


On the next screen you'll be able to grant administrative access to other GitHub users. These people will be able to manage every aspect of the organization (billing, repositories, teams, etc).

- 3) 跳转至【Invite team members】页面后，为 organization 指定 Owner。在输入框中填写 GitHub 已有的用户的用户名(系统会帮助自动提示用户名)，点击右侧的【Add】按钮。点击下方的绿色【Finish】按钮完成 organization 的创建。

# Invite team members

 Completed Set up a personal account	 Completed Set up the organization	 <b>Step 3:</b> Invite team members
--	--	---

### Add owners to the Freescale-IMM organization

 wangwenxue1989

Anyone you add to this team will be able to **modify the organization's billing information** and will have **complete access to all repositories and organization information**.

### Manage permissions

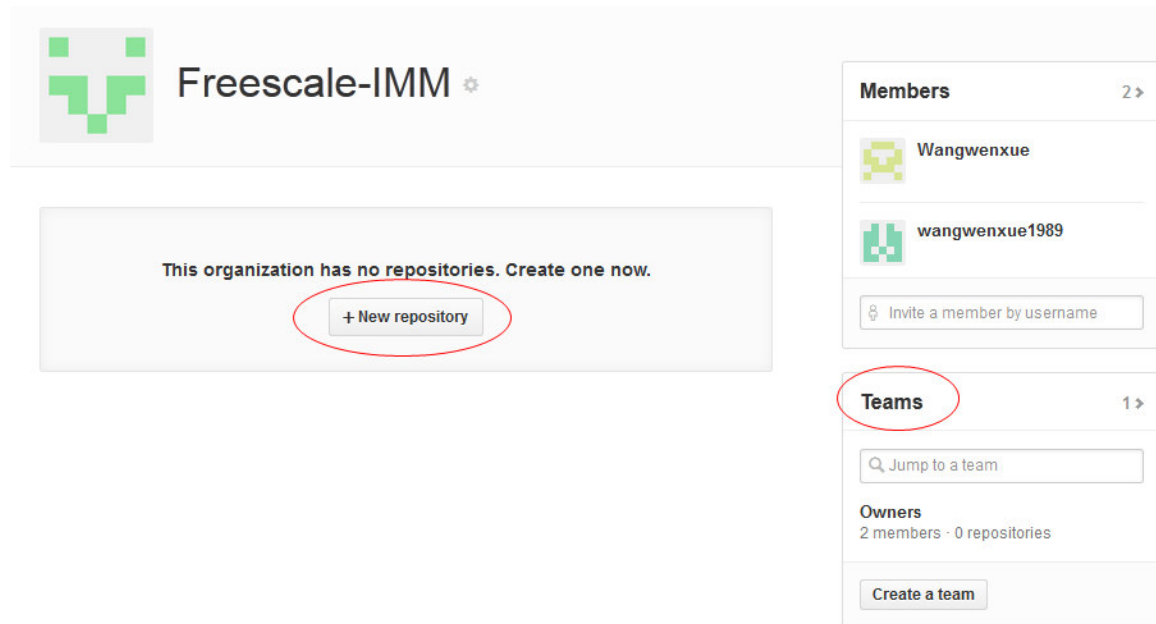
In addition to the Owners team, you'll be able to create **unlimited teams** with fine-grained permissions to your repositories.

You'll also be able to add new repositories to your organization and manage who has access to which repositories.

至此，组织创建完毕。一个 organization 下可能有多个团队，也会有多个项目的代码、文档、Bug 需要维护。Github 允许用户在组织下创建多个 Team，多个 Repository。并提供 Team 和 Repository 的关联。



## 创建 Repository

- 1) 在创建完 organization 之后，点击右上角的【View 组织名】进入到组织的主页，可以直接使用 <https://github.com/organizations/组织名> 来访问。在这里可以创建 Repository 和 Team。点击 New repository。



- 2) 如下图填写仓库信息后，点击绿色【Create repository】按钮。

**Owner** **Repository name**

PUBLIC  Freescale-IMM / PT60 

Great repository names are short and memorable. Need inspiration? How about **north-american-octo-ironman**.

**Description (optional)**

just for testing

☒ **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 allow you to `git clone` the repository immediately. Skip this step if you have already run `git init` locally.

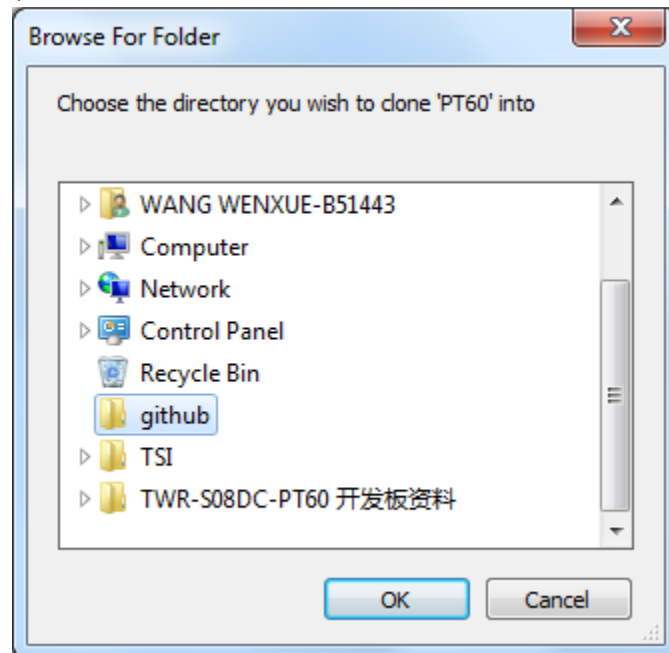
Add .gitignore: **None** | Add a license: **None** ⓘ

**Create repository**

- 3) 点击 Set up in Desktop,第一次会进入 <https://windows.github.com/>网页，这时点击【Download Github for Windows 2.0】按钮，下载 GitHubSetup.exe 软件，然后进行安装（在公司网络中可能安装不成功，外网可以正确安装）。

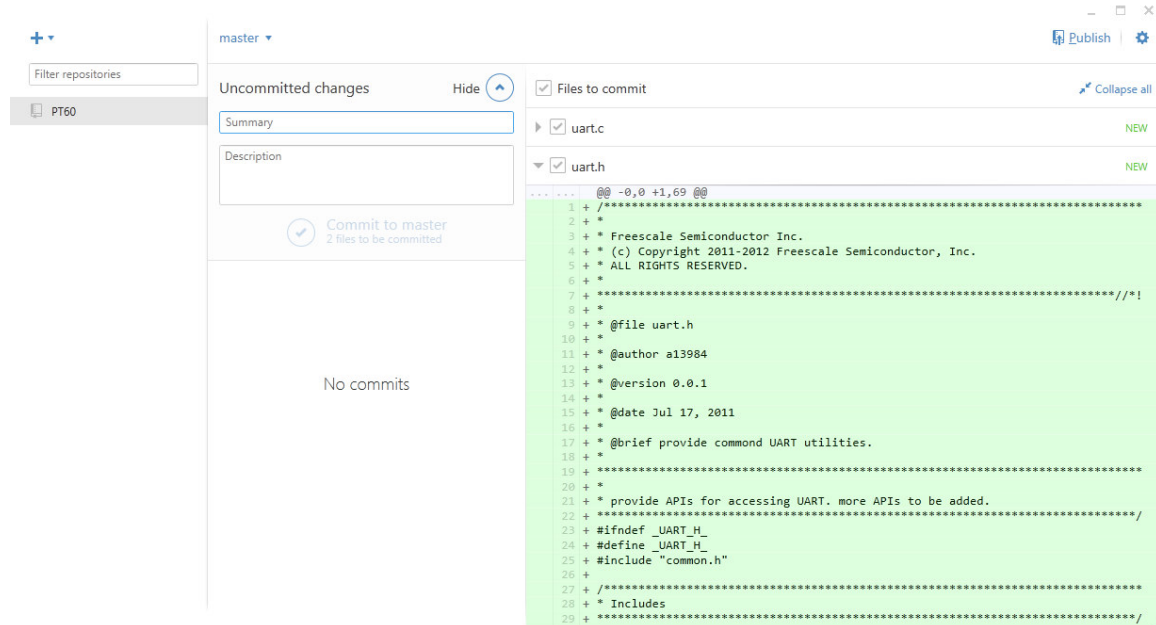


- 4) 安装成功之后，再次点击 Set up in Desktop，这时会弹出一个对话框，选择一个目录。点击 OK 之后，会在刚才选择的目录下新建一个和 repository 同名的文件夹。

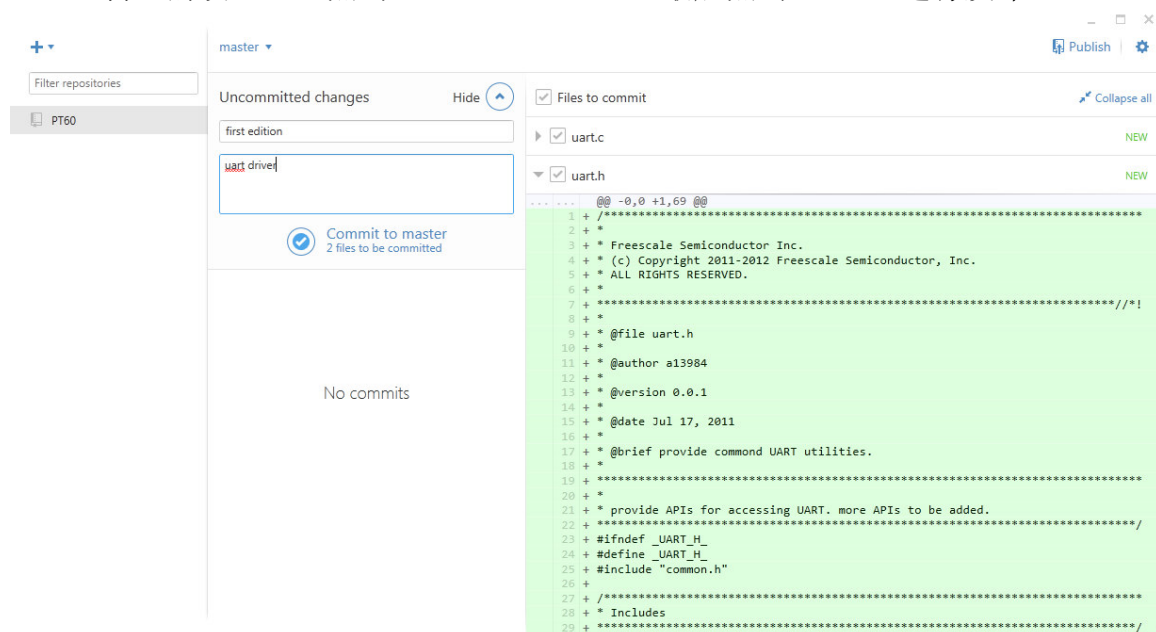


- 5) 此时可以把需要共享的代码文件 Copy 到该目录，GitHub 软件会自动刷新出代码。

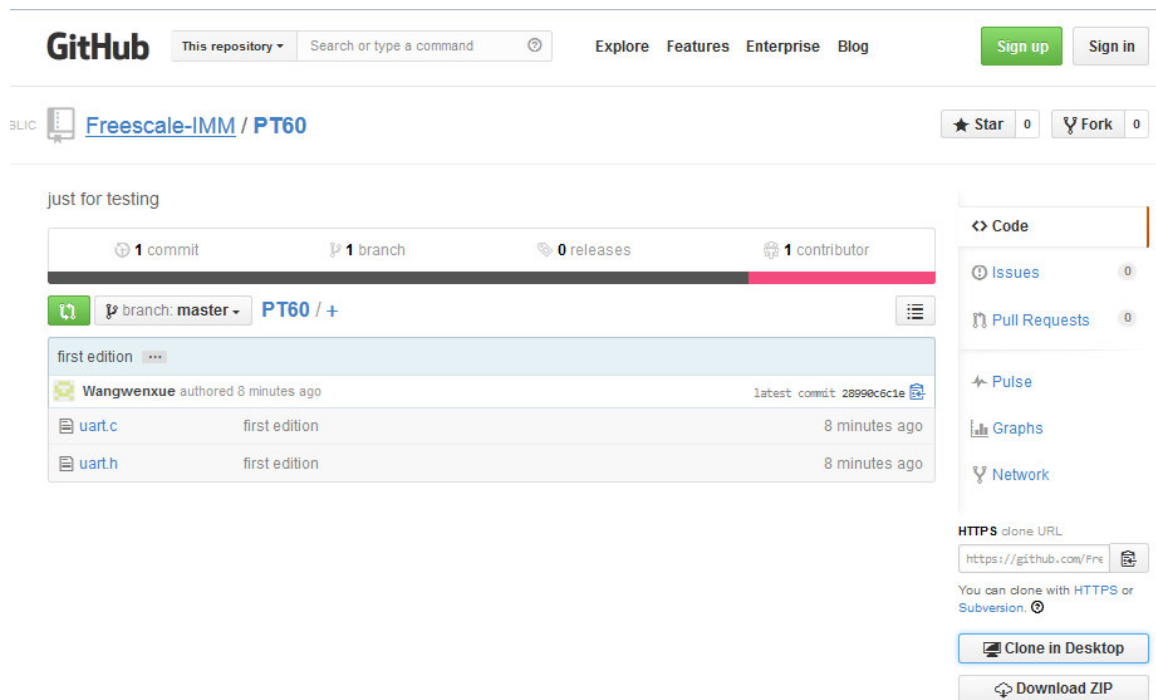
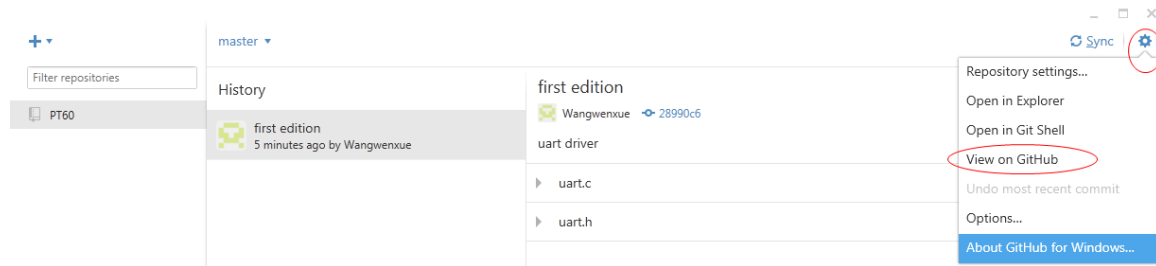




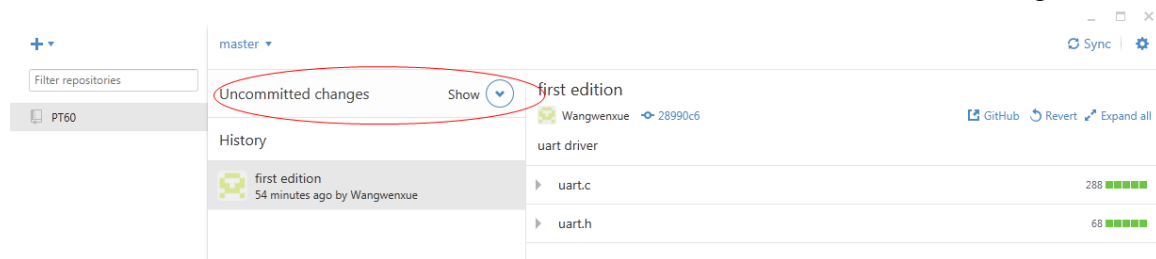
- 6) 然后再 **Commit** 区添加评论，没有评论是不能发布的，目前所有代码都还在自己的硬盘上。点击 **Commit to master**，最后点击 **Publish** 进行发布。



- 7) **publish** 完成之后，可以在网上看到发布的代码，通过在 Github 客户端右上角点击 **View on Github**，可以进入到 <https://github.com/Freescale-IMM/PT60/> 查看已经发布的代码。



注：如果修改了文件中的代码，这时在软件中，会出现 Uncommitted Changes



将其展开，对其进行评论，然后点击 Commit to master，最后点击右上角 Sync。这时新改动的代码就会被发布出去，可以在 <https://github.com/Freescal-IMM/PT60/> 看到新改动的代码。

just for testing — Edit

2 commits

1 branch

0 releases

1 contributor

branch: master PT60 / +

change1

Wangwenxue authored 9 minutes ago

latest commit 760629da27

uart.c

change1

9 minutes ago

uart.h

first edition

an hour ago

We recommend adding a README to this repository to help give people an overview of your project.

Add a README

&lt;&gt; Code

Issues 0

Pull Requests 0

Wiki

Pulse

Graphs

Network

branch: master PT60 / Commits

Jul 16, 2014



change1

Wangwenxue authored 10 minutes ago

760629da27 +

Browse code ➔



first edition ...

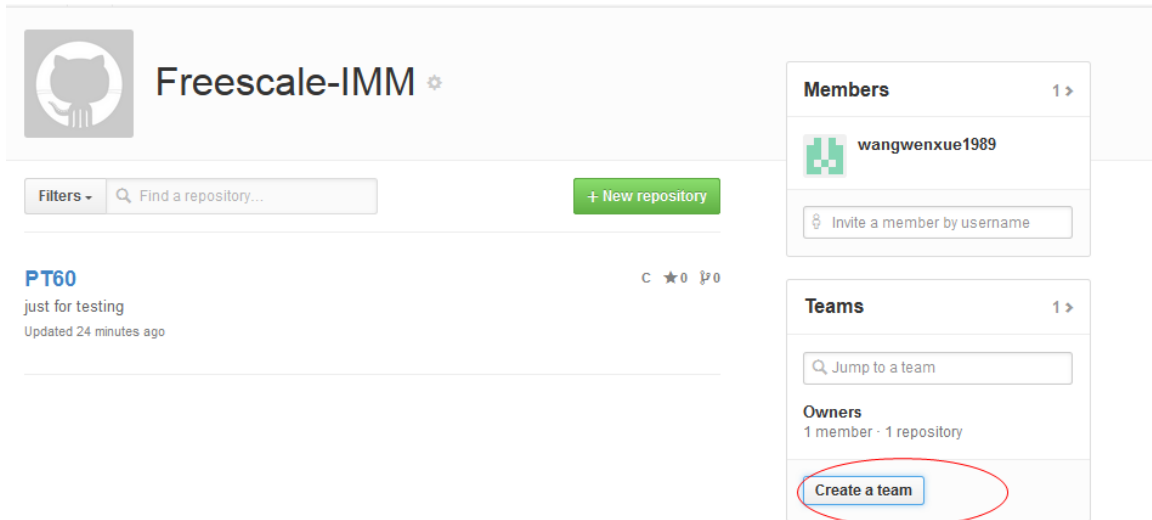
Wangwenxue authored an hour ago

28990c6c1e +

Browse code ➔

## 创建 Team

- 1) 在 organization 主页（进入该主页的方式是：登陆后->单击左上角账户名，选择 Manage organizations->单击相应的 organization 进入），单击 Create a team，如下：



- 2) 开始创建团队，填写团队名字，选择团队的权限，GitHub 提供 3 档权限。自上而下分别是：签出、签入签出、管理员。完成后，点击【Create Team】完成配置。

### Create new team

#### Team name

You'll use this name to mention this team in conversations.

#### Description (optional)

#### What permission level should this team have?

☒ Read Access

This team will be able to view and clone its repositories.

☐ Write Access

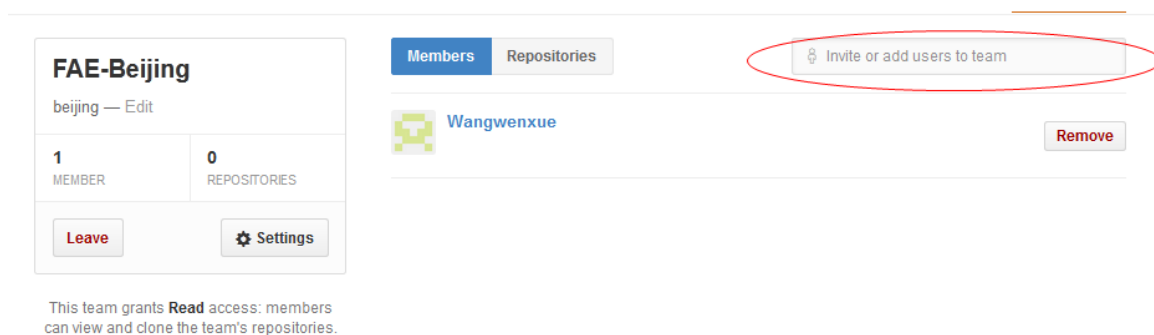
This team will be able to read its repositories, as well as push to them.

☐ Admin Access

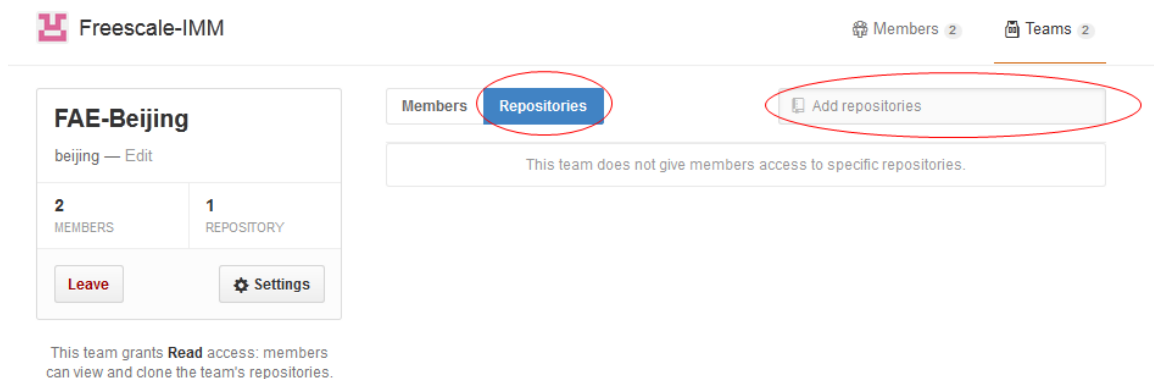
This team will be able to push/pull to its repositories, as well as add other collaborators to them.

Create team

3) 之后，可以加入添加团队成员，在右上角输入框内填入已有 GitHub 用户的用户名，单击加入。



然后添加团队的仓库，在 Repositories 的输入框内填写仓库名



至此 GitHub 的团队开发环境已经构建完毕。

## 下载 Code

登陆 Repository 界面，如 <https://github.com/Freescale-IMM/PT60/>，点击右下角 Download Zip，即可进行代码的下载。

The screenshot displays the GitHub repository interface for 'PT60'. At the top, statistics show 3 commits, 1 branch, 0 releases, and 2 contributors. Below this, the repository name 'PT60' is shown with a dropdown menu set to 'branch: master'. A commit history table lists a commit by 'wangwenxue1989' from July 16, 2014, with the latest commit hash 'f5f38a94af'. The commit message is 'Delete uart.c' and the file 'uart.h' is listed as the 'first edition'. On the right sidebar, under the 'Code' section, there are links for 'Issues' (0), 'Pull Requests' (0), and 'Wiki'. Further down, the 'HTTPS clone URL' is provided as 'https://github.com/Fr...'. At the bottom of the sidebar, there are two buttons: 'Clone in Desktop' and 'Download ZIP', with the latter being circled in red.

Commit	Author	Date	Message
f5f38a94af	wangwenxue1989	July 16, 2014	Delete uart.c

File	Version	Date
uart.h	first edition	July 16, 2014

**Code**

- Issues 0
- Pull Requests 0
- Wiki

**HTTPS clone URL**

https://github.com/Fr...

You can clone with [HTTPS](#), [SSH](#), or [Subversion](#).

[Clone in Desktop](#)

[Download ZIP](#)

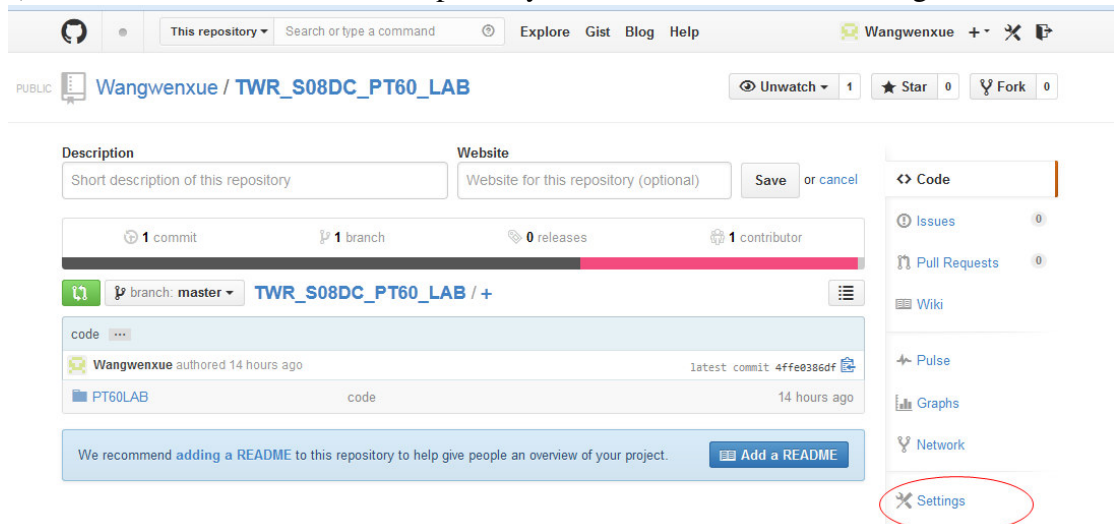
## 常见问题

### 1. 上传 code 大小是否存在限制？

<https://help.github.com/articles/what-is-my-disk-quota> 对此进行了说明，总结为：GitHub doesn't have any set disk quotas. Rule of thumb: 1GB per repository, 100MB per file

### 2. 如何删除一个 Repository？

#### 1) 首先点击进入你要删除的 repository，如下图，然后点击 Setting



#### 2) 最下方有 Delete this repository 选择，点击之后，输入相应的名字即可删除。

