



# Github

从入门到大师

Cris

## 1. 例行介绍

# Git 和 Github 有什么区别？

Git 是一个版本工具，而 Github 是在此之上建立的代码托管、团队协作、版本追踪、交流学习等的开源社区。

定义：

Git：一个开源的**分布式版本控制系统**，可以有效、高速地处理从很小到非常大的项目版本管理工具。（可以供多人同时处理同一文件）

GitHub：一个面向开源及私有软件项目的托管平台，因为只支持git作为唯一的版本库格式进行托管，故名GitHub。

### What is GitHub?

GitHub is a code hosting platform for version control and collaboration. It lets you and others work together on projects from anywhere.

This tutorial teaches you GitHub essentials like *repositories*, *branches*, *commits*, and *Pull Requests*. You'll create your own Hello World repository and learn GitHub's Pull Request workflow, a popular way to create and review code.

#### No coding necessary

To complete this tutorial, you need a [GitHub.com account](#) and Internet access. You don't need to know how to code, use the command line, or install Git (the version control software GitHub is built on).

**Tip:** Open this guide in a separate browser window (or tab) so you can see it while you complete the steps in the tutorial.

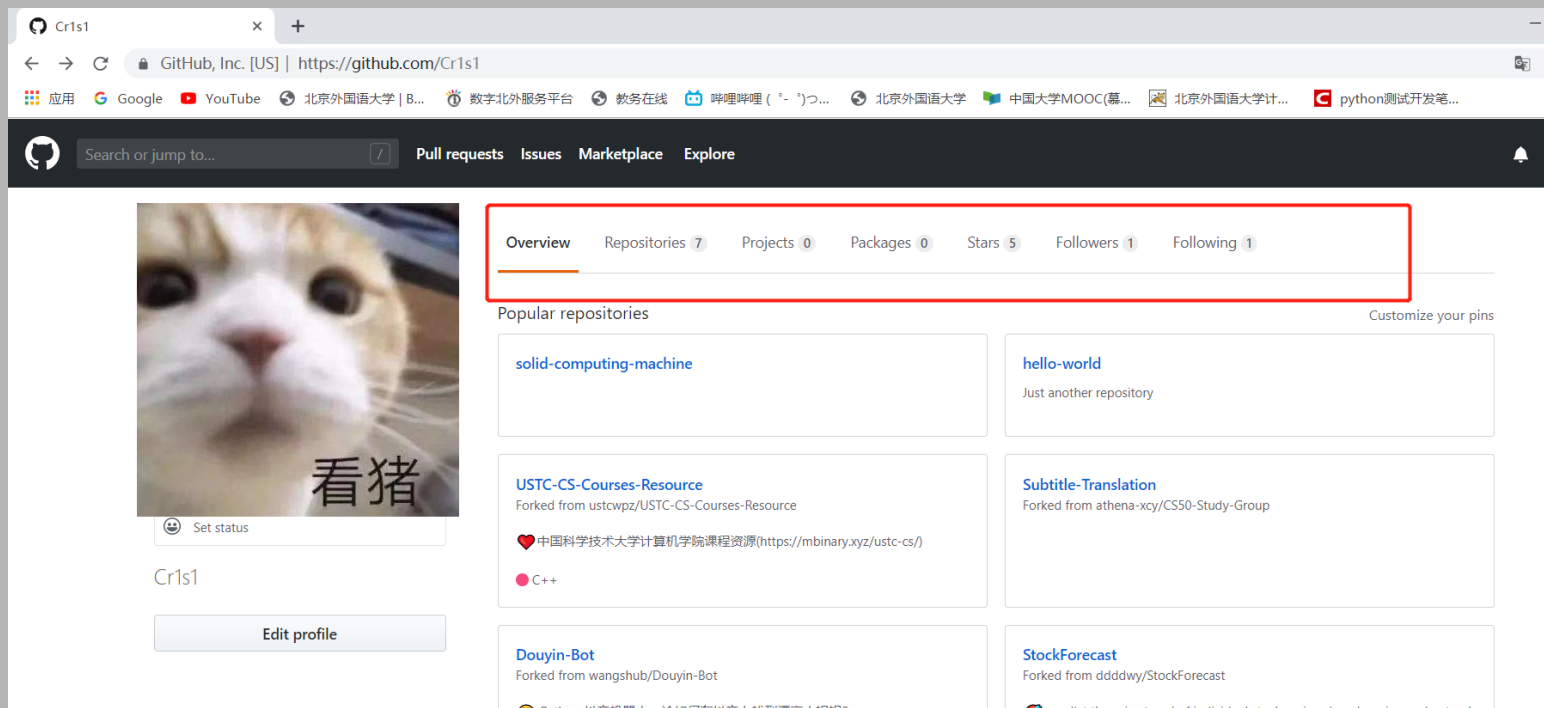
## 2. 主页介绍

The screenshot shows the GitHub homepage with several red annotations and arrows pointing to specific features:

- 1. 个人信息** (Personal Information): Points to the user profile icon in the top right corner.
- 2. 推荐项目** (Recommended Projects): Points to the "Explore repositories" section on the right sidebar.
- 3. 项目动态** (Project Activity): Points to the main feed of repository activity in the center.
- 4. 个人项目** (Personal Projects): Points to the "Repositories" list on the left sidebar.
- 5. 项目操作模块** (Project Action Module): Points to the "Pull requests" button in the top navigation bar.
- 6. 探索模块** (Explore Module): Points to the "Explore" button in the top navigation bar.

The main content area features a large green banner with the text "Learn Git and GitHub without any code!" and buttons for "Read the guide" and "Start a project".

### 3. 个人页面 (点击右上角头像, 进入 Your Profile)



名词解释

### 3. 个人页面 (点击右上角头像, 进入 Your Profile)

athena-xcy / CS50-Study-Group

238 commits 1 branch 0 releases 8 contributors View license

Branch: master New pull request Create new file Upload files Find File Clone or download

File	Commit Message	Time
images	Add files via upload	last month
study-group	edit w2w	8 days ago
translation-group	Add translation edge cases	12 days ago
.gitignore	调整文档	2 months ago
LICENSE	Update LICENSE	2 months ago
README.md	edit readme	8 days ago
about_us.md	Give about_us draft	22 days ago
hello_new.md	Update and rename hello,new.md to hello_new.md	22 days ago

README.md

## CS50 课程学习与字幕翻译计划

## 4. Repository 介绍

athena-xcy/CS50-Study-Group

GitHub, Inc. [US] | https://github.com/athena-xcy/CS50-Study-Group

应用 Google YouTube 北京外国语大学 | B... 数字北外服务平台 教务在线 哔哩哔哩 (゜-゜)つ... 北京外国语大学 中国大学MOOC(慕... 北京外国语大学计... python测试开发笔...

Branch: master New pull request Create new file Upload files Find File Clone or download

LeoTsui edit w2w Latest commit 2dbbfe 8 days ago

images	Add files via upload	last month
study-group	edit w2w	8 days ago
translation-group	Add translation edge cases	12 days ago
.gitignore	调整文档	2 months ago
LICENSE	Update LICENSE	2 months ago
README.md	edit readme	8 days ago
about_us.md	Give about_us draft	22 days ago
hello_new.md	Update and rename hello_new.md to hello_new.md	22 days ago

README.md

### CS50 课程学习与字幕翻译计划



CS50课程学习及字幕翻译计划

CS50 是哈佛大学计算机入门课，是哈佛大学及edX上学习人数最多的课程，现招募学习组成员，翻译组译者，详情请扫二维码或见链接

时间：2019年7月-10月  
发起人：AthenaX  
发起组织：CS50中国学习组及翻译组  
合作组织：教育无边界字幕组

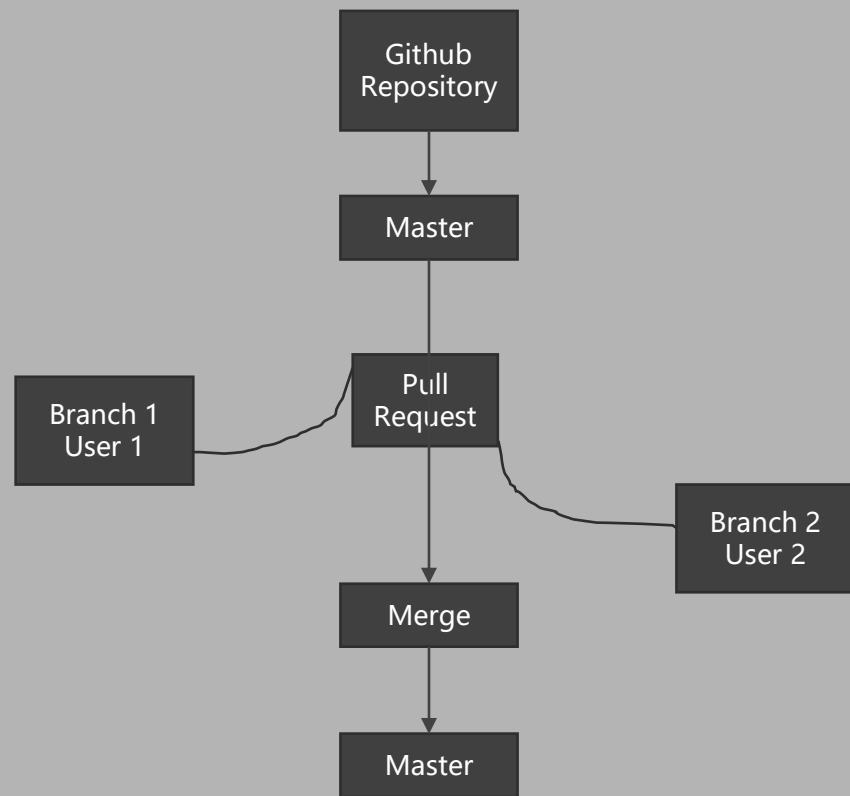
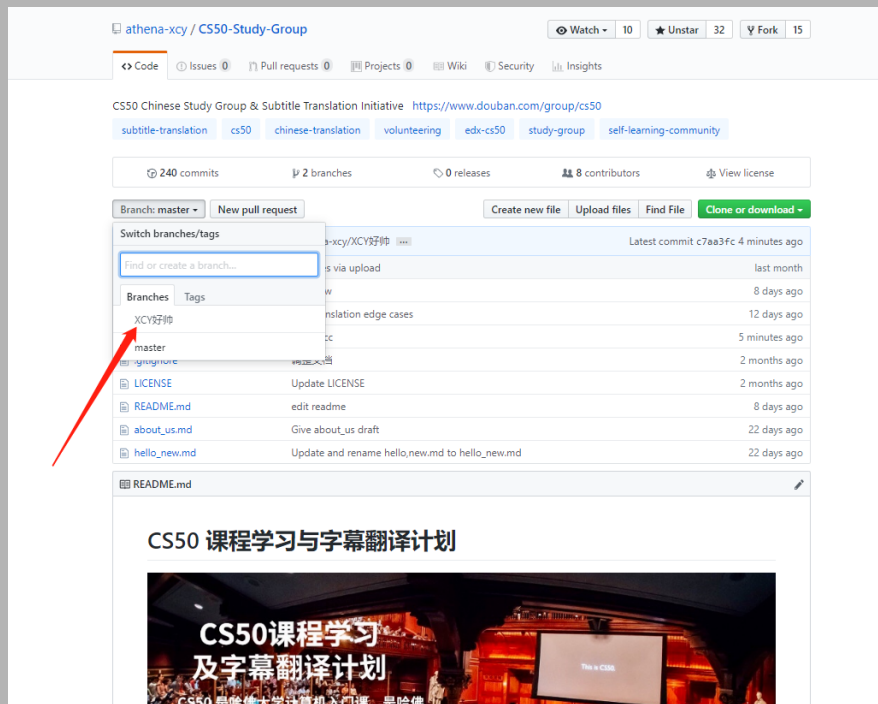
https://douc.cc/2RGtsY

CS50 2019 是哈佛大学校内以及 MOOC 平台 edX 上学习人数最多的计算机科学课程。本计划为教育公益项目，由计算机学习组、MOOC 爱好者，及翻译爱好者联合组织管理，致力于创立维护高质量 CS50 学习社区(学习组)，并促进 CS50 课程在中文学习圈中的传播(翻译组)，永远欢迎新成员加入翻译组和学习组，详情请见CS50 课程学习与字幕翻译计划招新贴。

每个 Repository 的介绍  
(Readme)

.md 文件(markdown 技术人员常用文本格式)

## 4. Repository 介绍



## 4. Repository 介绍

athena-xcy / CS50-Study-Group

Watch 10 Unstar 32 Fork 15

Code Issues 0 Pull requests 0 Projects 0 Wiki Security Insights

CS50 Chinese Study Group & Subtitle Translation Initiative <https://www.douban.com/group/cs50>

subtitle-translation cs50 chinese-translation volunteering edx-cs50 study-group self-learning-community

240 commits 2 branches 0 releases 8 contributors View license

Branch: master New pull request

Create new file Upload files Find File Clone or download

File/Folder	Description	Last Commit
images	Add files via upload	last month
study-group	edit w2w	8 days ago
translation-group	Add translation edge cases	12 days ago
xcy好帅	Create cc	20 minutes ago
.gitignore	调整文档	2 months ago
LICENSE	Update LICENSE	2 months ago
README.md	edit readme	8 days ago
about_us.md	Give about_us draft	22 days ago
hello_new.md	Update and rename hello_new.md to hello_new.md	22 days ago

README.md

### CS50 课程学习与字幕翻译计划

遇到心仪的项目，点这就可以下载到本地啦



## 5. 第一个Repository

### Learn Git and GitHub without any code!

Using the Hello World guide, you'll create a repository, start a branch, write comments, and open a pull request.

Read the guide

Start a project

### Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository](#).

Owner

 Crisl

Repository name \*

CS509.22



Great repository names are short and memorable. Need inspiration? How about [bug-free-couscous](#)?

Description (optional)

一个宁静的夜晚



Public

Anyone can see this repository. You choose who can commit.



Private

You choose who can see and commit to this repository.

Skip this step if you're importing an existing repository.

☒ Initialize this repository with a README

This will let you immediately clone the repository to your computer.

Add .gitignore: **None**

Add a license: **None** ⓘ

Create repository

## 5. 第一个Repository

Cr1s1 / CS509.22

Unwatch 1 Star 0 Fork 0

Code Issues 0 Pull requests 0 Projects 0 Wiki Security Insights Settings

一个宁静的夜晚 [Manage topics](#) [Edit](#)

1 commit 1 branch 0 releases 1 contributor

Branch: master New pull request

Create new file Upload files Find File Clone or download

Cr1s1 Initial commit Latest commit 8e4c9e1 4 minutes ago

README.md Initial commit 4 minutes ago

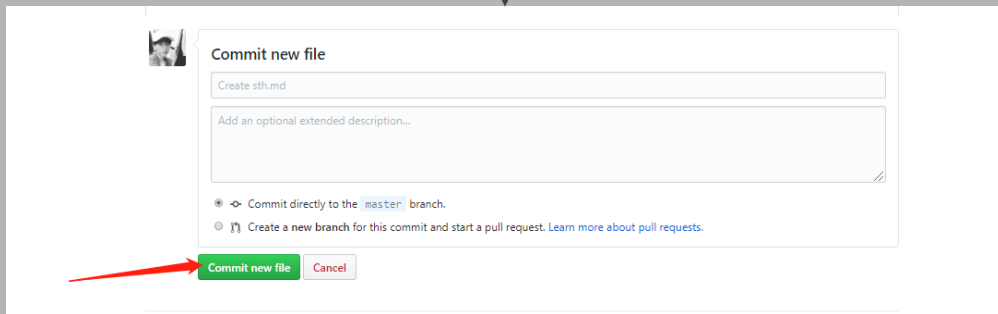
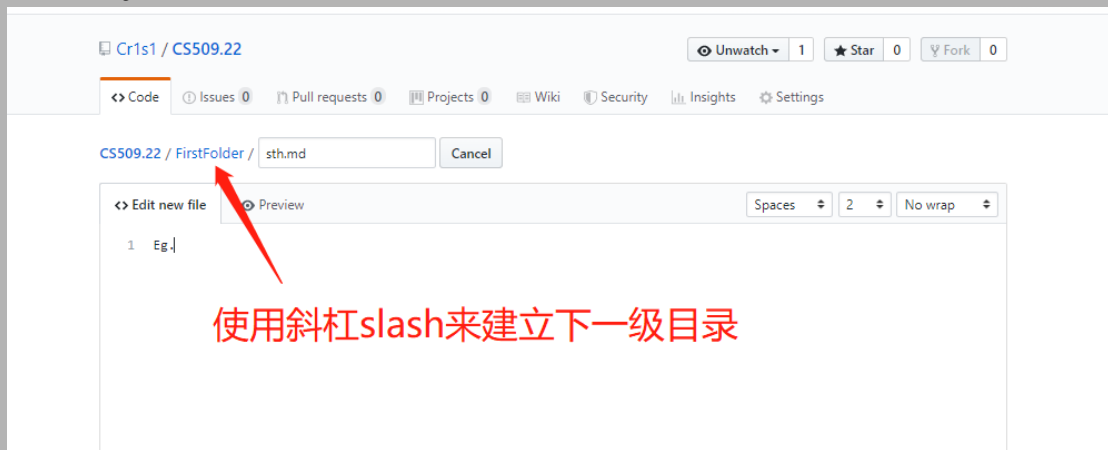
README.md

# CS509.22

一个宁静的夜晚

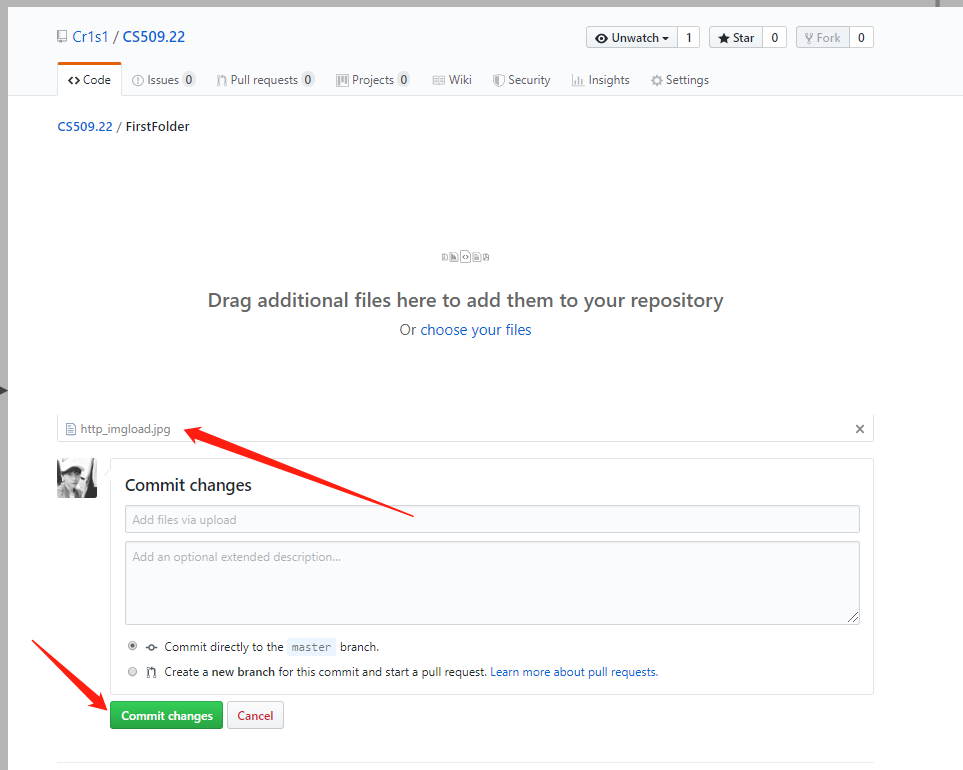
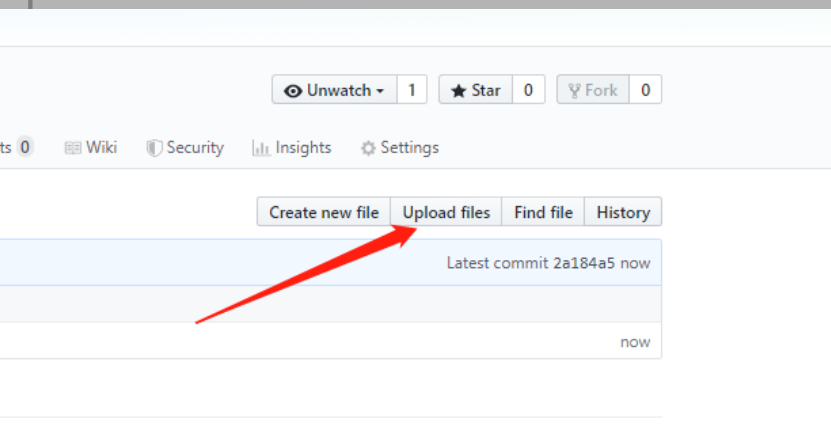
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## 5. 第一个Repository

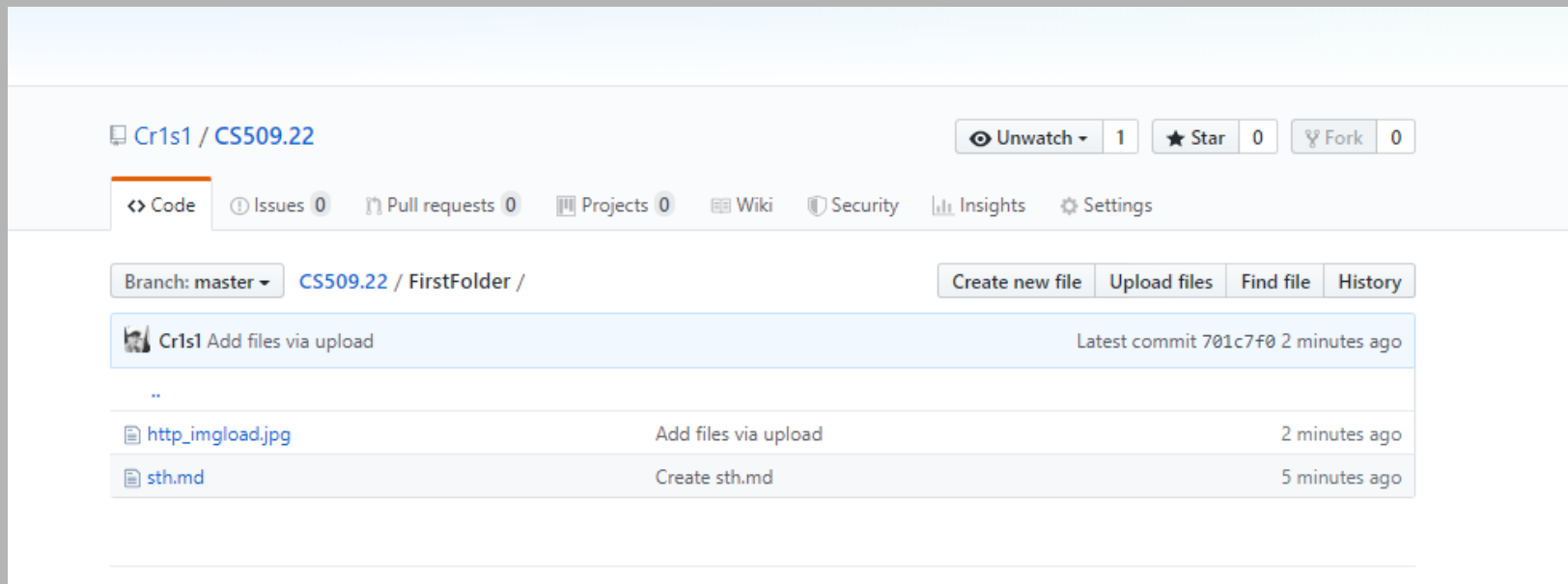


Commit 可以理解成为“发送”的意思

## 5. 第一个Repository



## 5. 第一个Repository



文件的删除：点进去会有“垃圾桶图标”  
文件夹的删除：清空所有文件（或通过git）

## 5. 第一个Repository

Cr1s1 / CS509.22

Unwatch 1 Star 0 Fork 0

Code Issues 0 Pull requests 0 Projects 0 Wiki Security Insights Settings

一个宁静的夜晚

Manage topics

3 commits 1 branch 0 releases 1 contributor

Branch: master New pull request Create new file Upload files Find File Clone or download

Cr1s1 Add files via upload	Latest commit 701c7f0 7 minutes ago
FirstFolder	Add files via upload 7 minutes ago
README.md	Initial commit 20 minutes ago

README.md

# CS509.22

一个宁静的夜晚

名词解释



携手 共创辉煌