

# BIG DATA, DATA MINING *in Finance*

## 金融大数据挖掘

刘壮

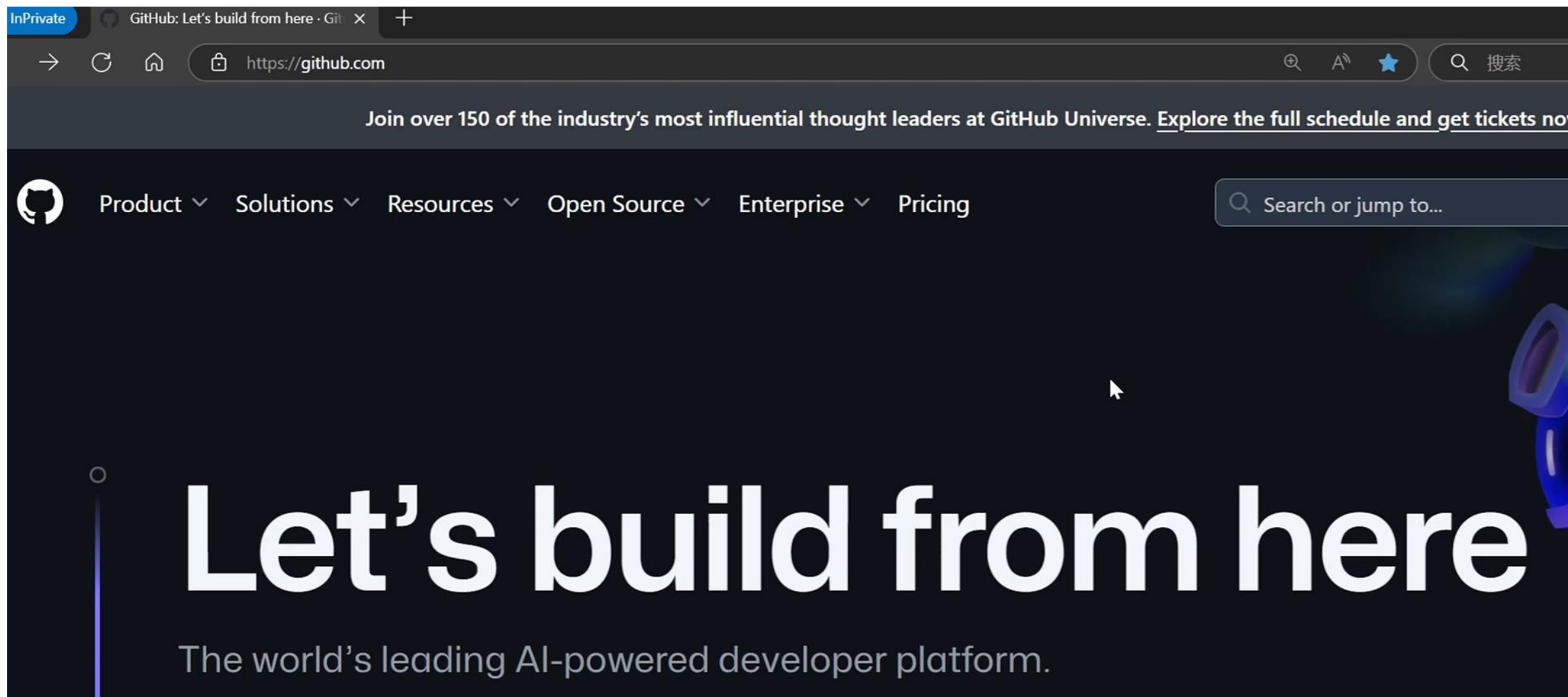
| 打开新世界大门

**全球最大的交友网站**

**Git Hub**

访问: <https://github.com/>

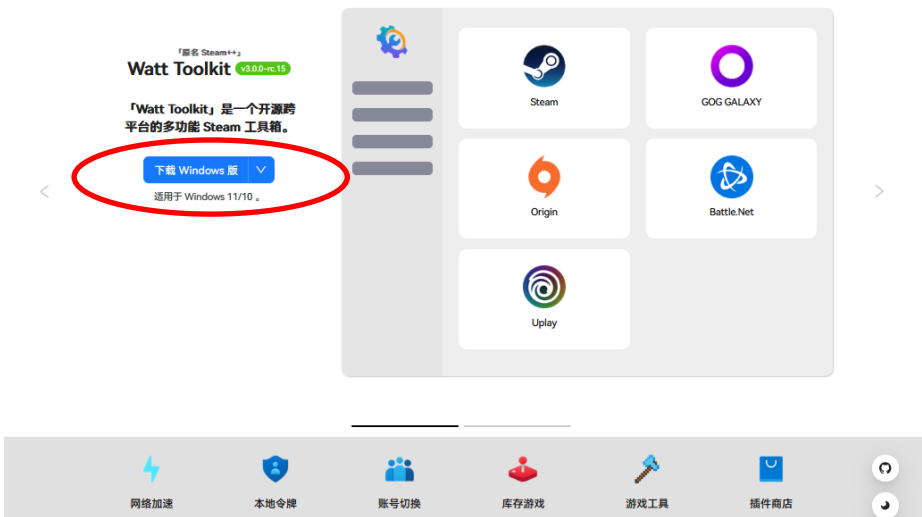
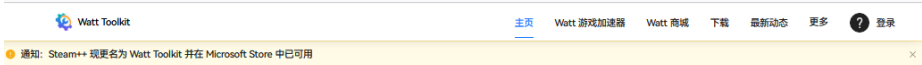
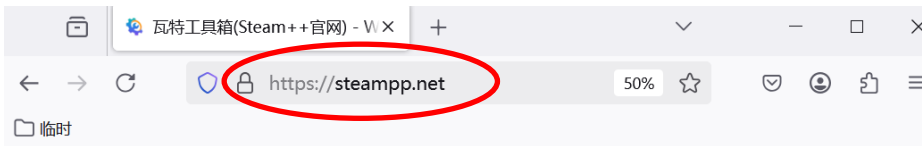
# | 访问Github



访问: <https://github.com/>

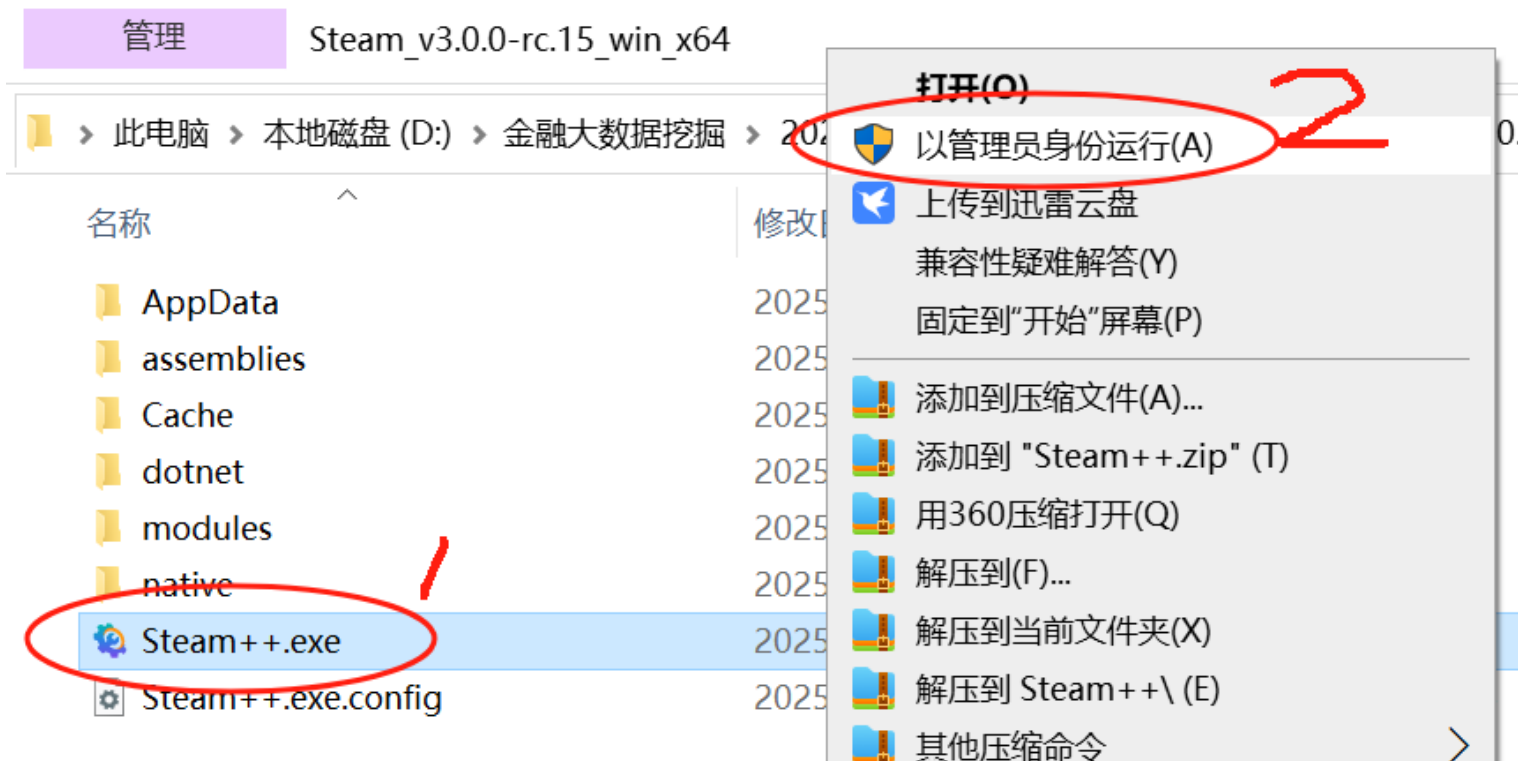
# Github国内加速

随堂作业1



下载:  
<https://steampp.net/>

## 本地运行:



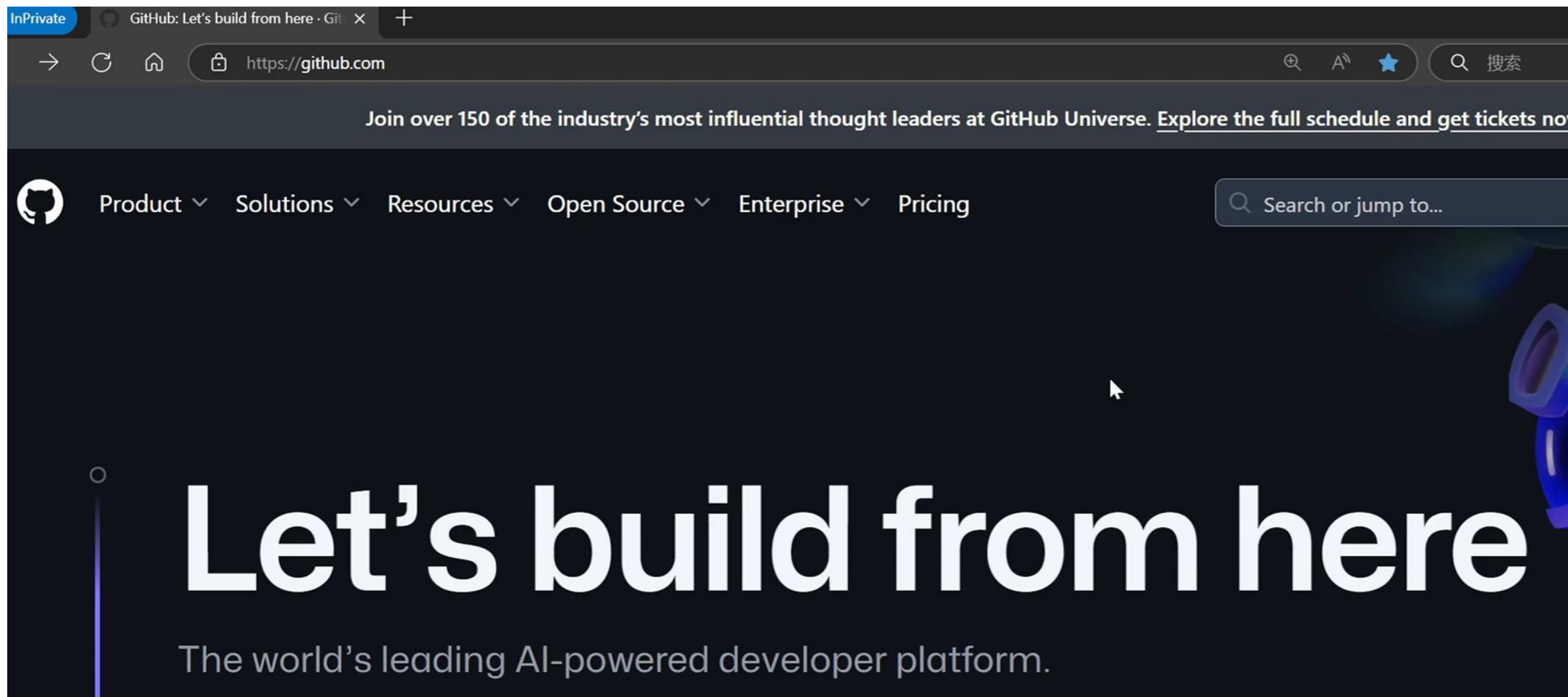
# | Github国内加速



网盘共享文件: Steam\_v3.0.0-rc.15\_win\_x64.7z

链接: [https://pan.baidu.com/s/1HeHxaGvJmFckedhUyEu\\_Ug](https://pan.baidu.com/s/1HeHxaGvJmFckedhUyEu_Ug) 提取码: liuz

# | 访问Github



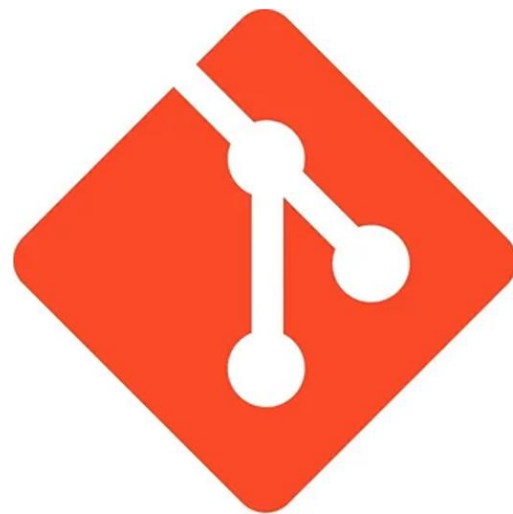
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| 打开新世界大门

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**Git Hub**

# Git



**第一版**



**第二版**



**第三版**



**定稿版**



**最终版**



**打死不改最终版**





## | Git: 版本控制软件

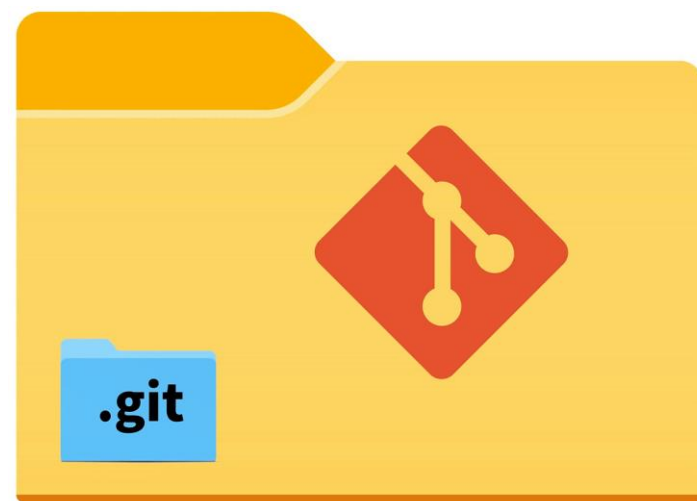
# 世界最多人使用的版本控制系统



Windows文件夹



Windows文件夹



Windows文件夹

# | Git: 版本控制软件



随着commit(提交)会形成一个git历史链路...

# | Git: 版本控制软件

**Local Repository**

**本地仓库**



**Remote Repository**

**远端仓库**



**Git的仓库分为两种：本地仓库、远端仓库**

# | Git: 版本控制软件

**Local Repository**

**本地仓库**



**Remote Repository**

**远端仓库**



**Git的仓库分为两种：本地仓库、远端仓库**



**GitHub**



**Gitlab**



**Bitbucket**



# Git+Hub





**世界最多人使用的版本控制系统**

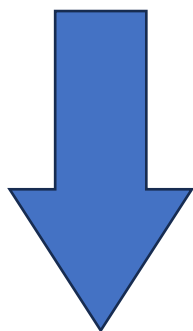


**全球最大的代码仓库托管、协作平台，可以在Github上与他人一起coding！**





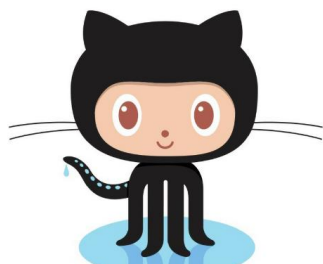
以前付费功能(私有仓库等...)



2018年6月5日, 微软  
75亿美元(480亿人民币)  
收购GitHub



GIT



GITHUB

统统开源!!!

(私有仓库、Github Action等...)

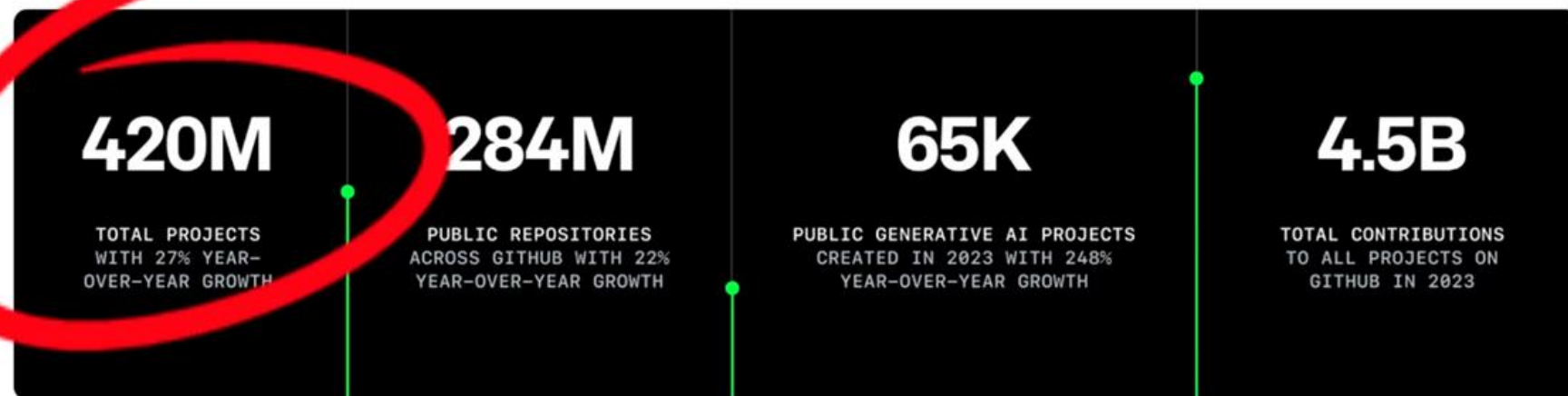
# 100 million developers and counting

There are now 100 million developers around the world using GitHub. Here's what this means—and why it's just the beginning.



**截止24年，Github注册用户超过1亿**

developers and organizations alike.



截止24年,  
仓库数量  
超过4亿!

We uncover three big trends:

- **Developers are building with generative AI in big numbers.** We're seeing more developers experiment with foundation models from OpenAI and other AI players, with open source generative AI projects even entering the top 10 most popular open source projects by contributor count in 2023. With almost all developers (92%) using or experimenting with AI coding tools, we expect open source developers to drive the next wave of AI innovation on GitHub.<sup>2</sup>



GIT



GITHUB

- 仓库分为**公开仓库**和**私有仓库**
- 所有**公开仓库**在Github上面都能搜索到、并且全部都是开发源代码、可以任意浏览学习、根据一定规则使用这些代码！

# 全世界最大的开源社区



- **Linux**
- **Tensorflow**
- **Nginx**
- **Docker**
- **HarmonyOS**
- **Deepseek**
- ...



**GIT**



**GITHUB**

# **全世界最大的开源社区**



# | 完成Github的注册

随堂作业2

## Where teams collaborate and ship.

Unlock advanced features with GitHub Team or continue with a free plan for the basics.

### Free



- > Unlimited public/private repositories
- > 2,000 CI/CD minutes/month  
Free for public repositories
- > 500MB of Packages storage  
Free for public repositories
- > 120 core-hours of Codespaces compute
- > 15GB of Codespaces storage
- > Community support

### Team

Recommended for you



Everything included in Free, plus...



#### Protect your branches

Ensure that collaborators on your repository cannot make irrevocable changes to branches.



#### Multiple pull requests reviewers

Add more control with multiple pull requests reviewers for any changes to your code before it can be merged.



#### Code owners

Define who owns the code and who is notified for reviews for pull requests.



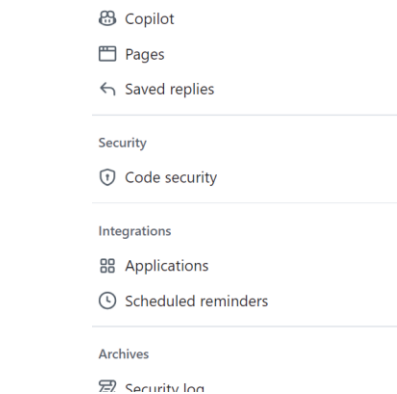
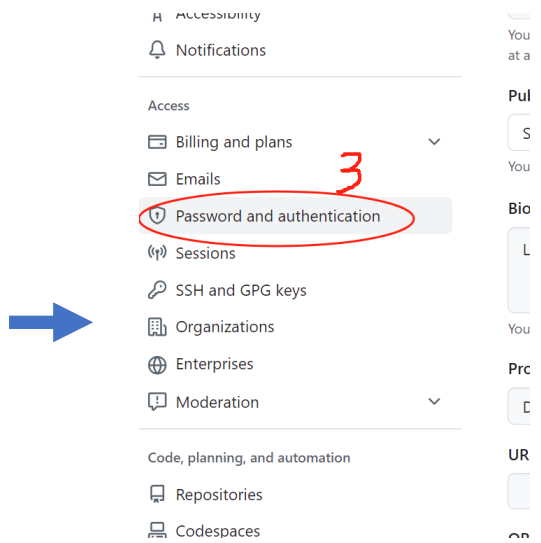
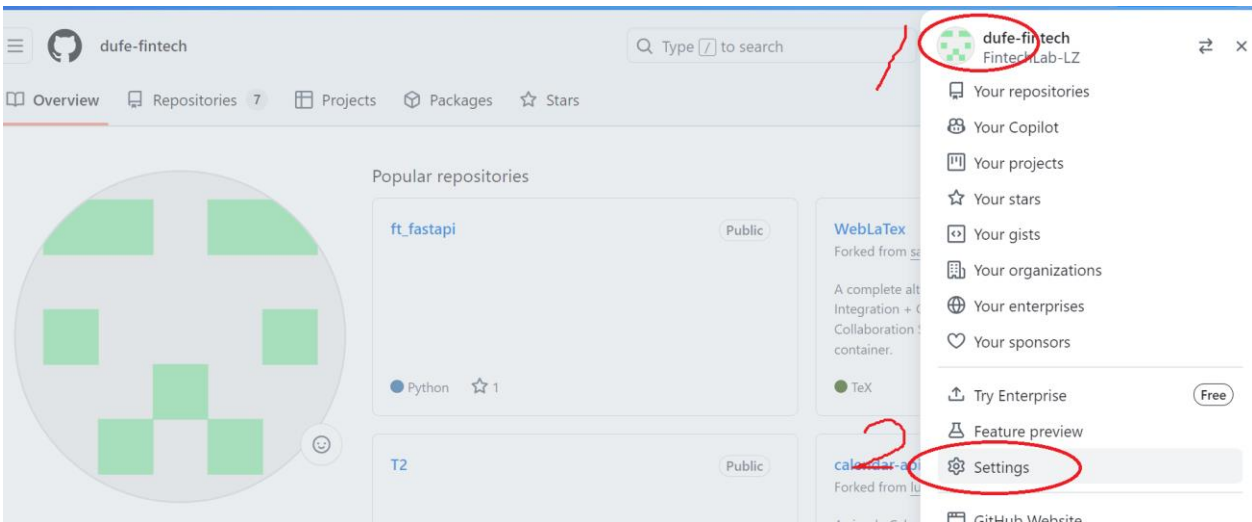
Draft pull requests



Required reviewers



# 配置双重身份认证 (如果想在github上上传维护代码, 该选项要求必须配置)



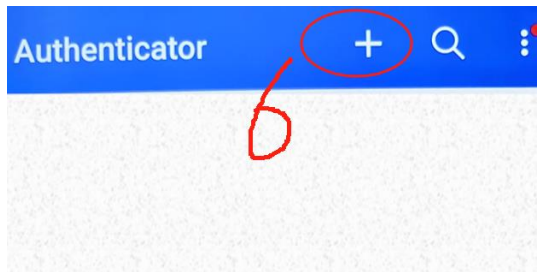
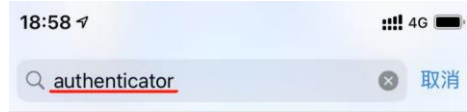
## Two-factor authentication

Two-factor authentication is not enabled yet.

Two-factor authentication adds an additional layer of security to your account by requiring you to use a second method, in addition to your password, to sign in.

Enable two-factor authentication

[Learn more](#)





1. 下载好用的工具
2. 收藏项目，关注开发者
3. 下载学习开源代码
4. 自行diy，添加功能
5. 为开源项目做出贡献