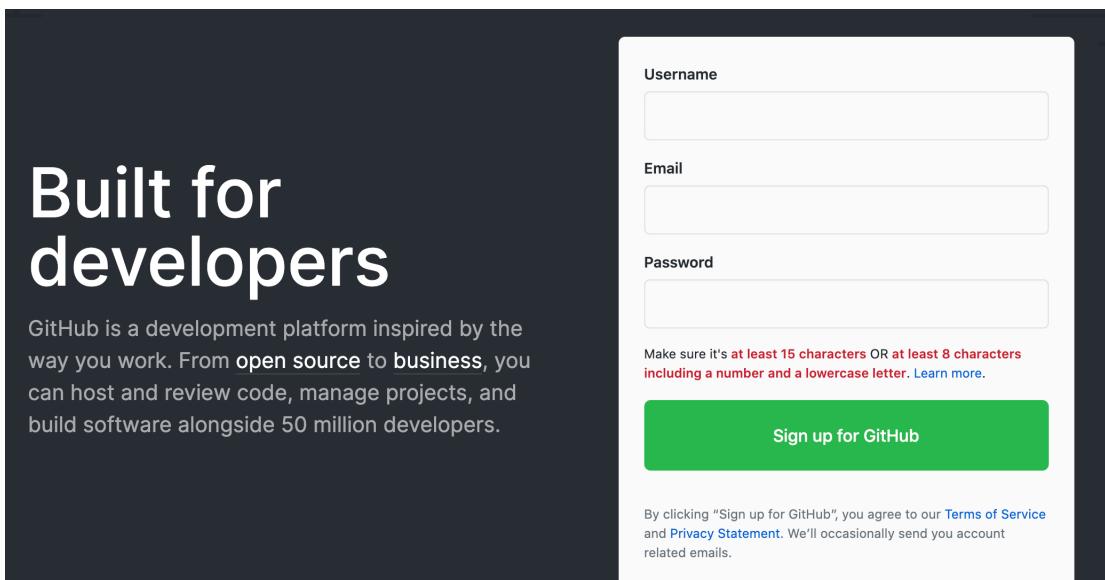


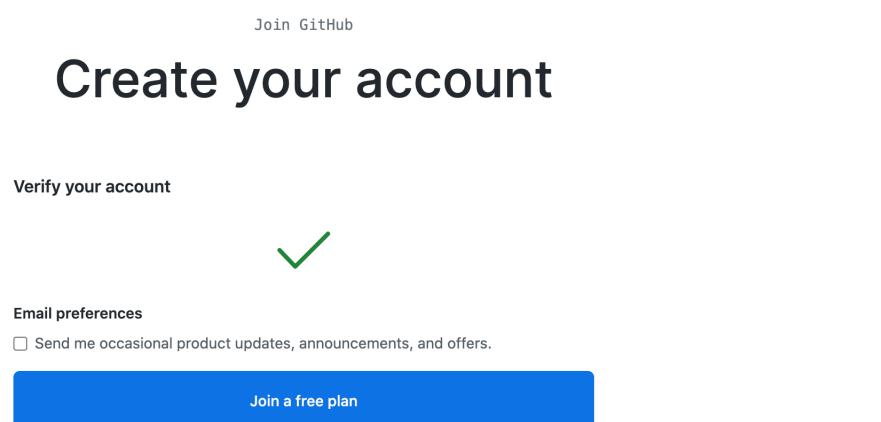
1.注册使用Github

1.1注册

- a. 前往 <https://github.com/>
- b. 填写用户名，密码和邮箱进行注册



- c. 点击 join



Product

Platform

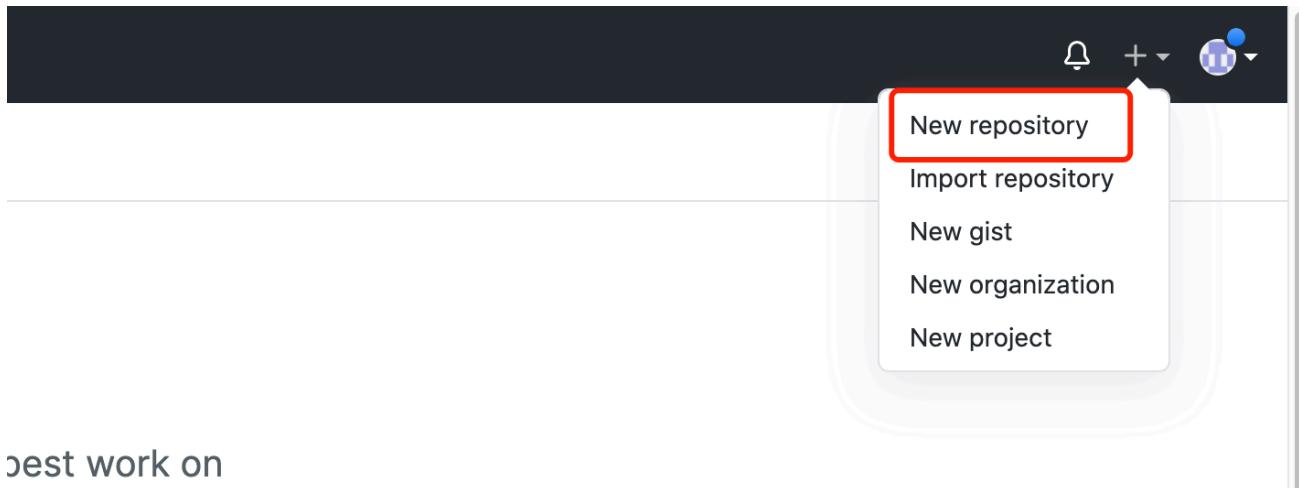
Support

Company

这里可能要验证码，注意填写

1.2 创建仓库

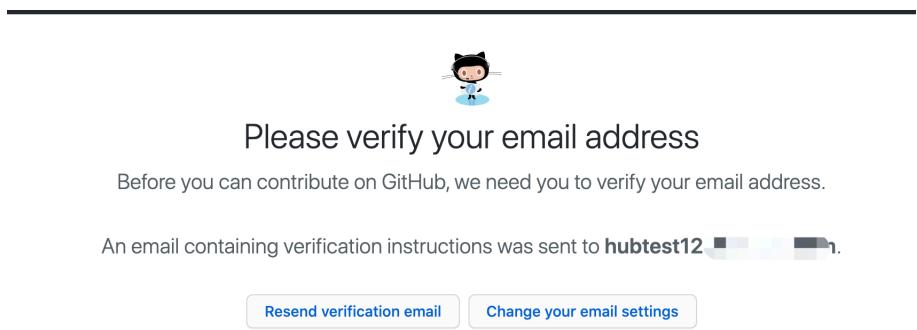
a. 点击网页右上角 +



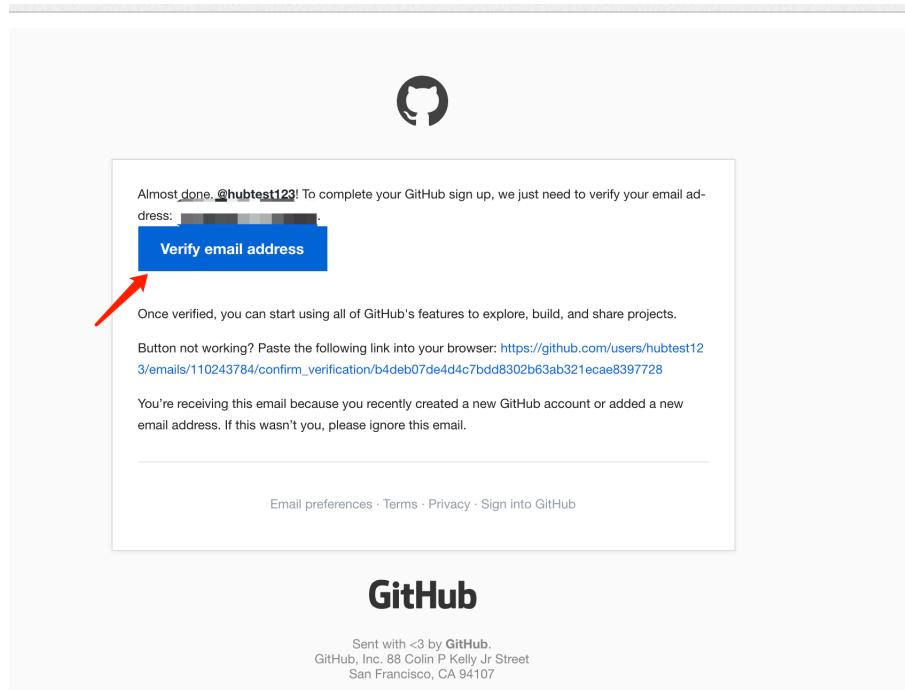
best work on

选择new repository

这个地方可能要你验证邮箱



前往邮箱验证就好



然后重复上一步，右上角选择new repository

b.设置名字：点击创建

Owner * hubtest123

Repository name * test

Great repository names are testable. test is available. Need inspiration? How about scaling-octo-memory?

Description (optional)

Public Anyone on the internet 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

记住你的github仓库地址

The screenshot shows a GitHub repository page for 'hubtest123 / test'. The 'Code' tab is selected. A red box highlights the 'HTTPS' link and the URL 'https://github.com/hubtest123/test.git' in the navigation bar. Below the bar, instructions for quick setup are displayed, including options to 'Set up in Desktop', 'HTTPS' (which is highlighted), or 'SSH'. The URL 'https://github.com/hubtest123/test.git' is also shown. Further down, there are sections for creating a new repository on the command line and pushing an existing repository from the command line, each with its respective git commands. At the bottom, there's an 'Import code' button.

1.3 上传代码

a. 下载安装git-scm。

下载地址：<https://npm.taobao.org/mirrors/git-for-windows/v2.27.0.windows.1/Git-2.27.0-64-bit.exe>

然后一直选择默认安装即可

b. 解压代码包 (openbcixxx.zip, 附件是我修改后的版本和原仓库不太一样)

c. 进入解压后的代码目录, 右键菜单选择git bash

OpenBCI_Hub-1.4.4 >

名称	修改日期	类型	大小
app	2018/6/21 3:31	文件夹	
config	2018/6/21 3:31	文件夹	
e2e	2018/6/21 3:31	文件夹	
resources	2018/6/21 3:31	文件夹	
scripts	2018/6/21 3:31	文件夹	
src	2018/6/21 3:31	文件夹	
tasks	2018/6/21 3:31	文件夹	
tests	2018/6/21 3:31	文件夹	
.gitignore	2018/6/21 3:31	文本文档	1 KB
.travis.yml	2018/6/21 3:31	YML 文件	2 KB
appveyor.yml	2018/6/21 3:31	YML 文件	2 KB
changelog.md	2018/6/21 3:31	MD 文件	5 KB
ganglion-api-spec.yaml	2018/6/21 3:31	YAML 文件	4 KB
gulpfile.js	2018/6/21 3:31	JavaScript 文件	1 KB
LICENSE	2018/6/21 3:31	文件	2 KB
package.json	2018/6/21 3:31	JSON 文件	2 KB
README.md	2018/6/21 3:31	MD 文件	6 KB



d. 分步执行以下命令：

```
git config --global user.email "刚才注册github时的邮箱"
git config --global user.name "刚才注册GitHub时的用户名"
```

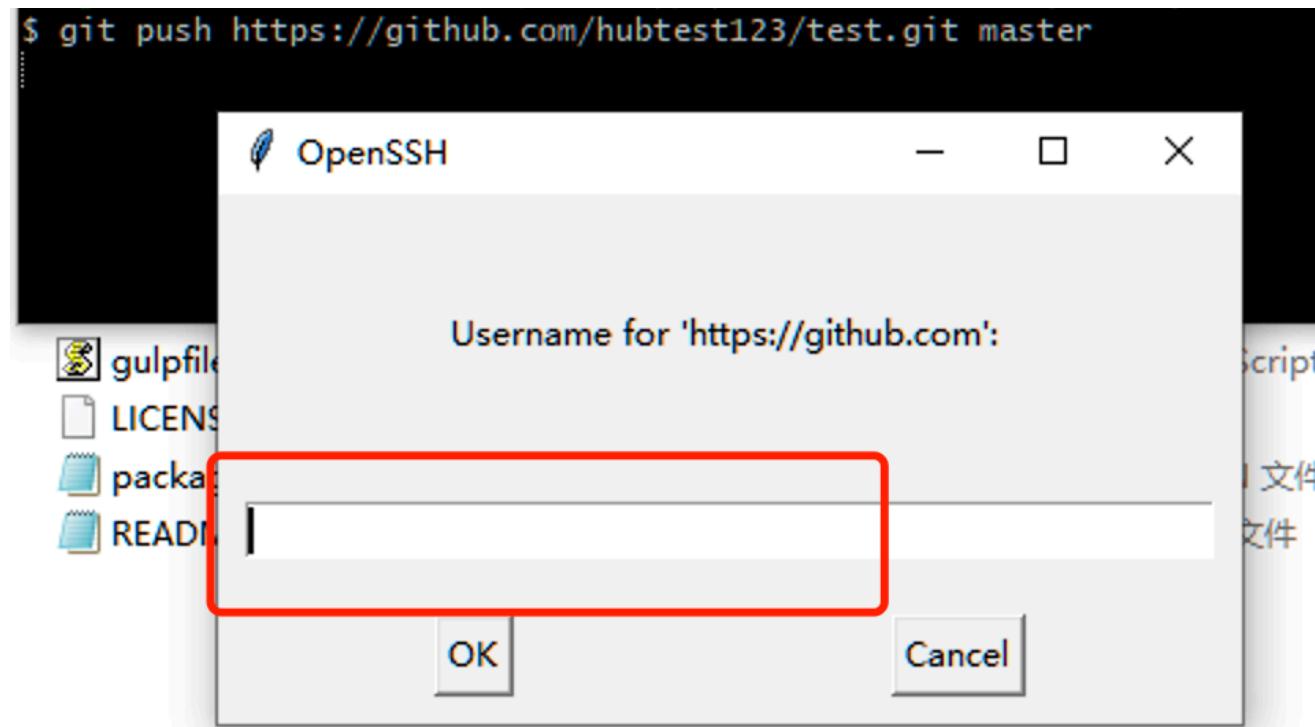
```
i  e@DESKTOP-IE72F6 MINGW64 ~/Desktop/OpenBCI_Hub-1.4.4 (master)
$ git config --global user.email "i@i.e.com"
ide  i@DESKTOP-IE72F6 MINGW64 ~/Desktop/OpenBCI_Hub-1.4.4 (master)
$ git config --global user.name "i@i.e"
```

```
git init
git add .
git commit -m "init"
git push 刚才让你记得github仓库的地址 master
# 例如： git push https://github.com/hubtest123/test.git master
```

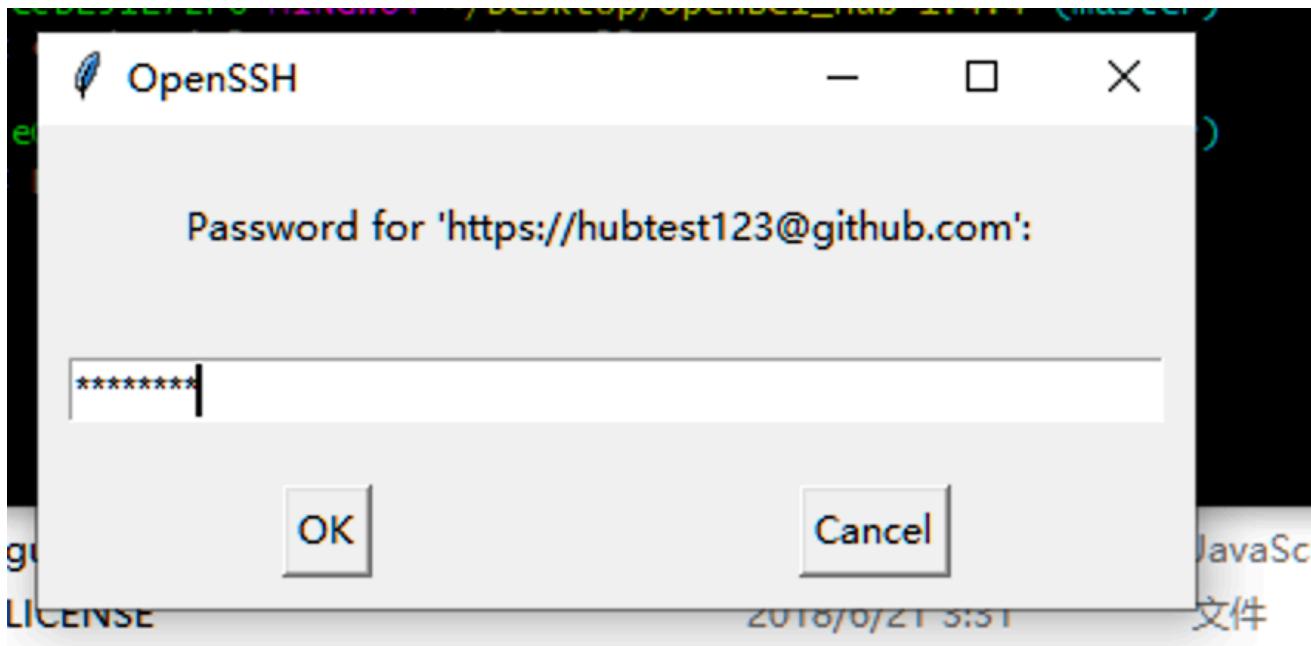
```
i  i@DESKTOP-IE72F6 MINGW64 ~/Desktop/OpenBCI_Hub-1.4.4
$ git init
Initialized empty Git repository in C:/Users/i/Desktop/OpenBCI_Hub-1.4.4/.git/
it/
i@DESKTOP-IE72F6 MINGW64 ~/Desktop/OpenBCI_Hub-1.4.4 (master)
$ git add .
warning: LF will be replaced by CRLF in .gitignore.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in .travis.yml.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in LICENSE.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in README.md.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in app/helpers/context_menu.js.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in app/helpers/external_links.js.
The file will have its original line endings in your working directory
```

```
✓ 2F6 MINGW64 ~/Desktop/OpenBCI_Hub-1.4.4 (master)
$ git commit -m"init"
[master (root-commit) 3ff9b62] init
47 files changed, 5859 insertions(+)
create mode 100644 .gitignore
create mode 100644 .travis.yml
create mode 100644 LICENSE
create mode 100644 README.md
create mode 100644 app/helpers/context_menu.js
create mode 100644 app/helpers/external_links.js
create mode 100644 app/index.html
create mode 100644 app/package-lock.json
create mode 100644 app/package.json
create mode 100644 app/stylesheets/main.css
create mode 100644 appveyor.yml
create mode 100644 changelog.md
create mode 100644 config/env_development.json
create mode 100644 config/env_production.json
create mode 100644 config/env_test.json
create mode 100644 e2e/hello_world.e2e.js
create mode 100644 e2e/utils.js
create mode 100644 ganglion-api-spec.yaml
create mode 100644 gulpfile.js
create mode 100644 package.json
create mode 100644 resources/icons/512x512.png
create mode 100644 resources/icons/icon.png
create mode 100644 resources/icons/icon@2x.png
create mode 100644 resources/osx/dmg-background.png
create mode 100644 resources/osx/dmg-background@2x.png
create mode 100644 resources/osx/dmg-icon.icns
create mode 100644 resources/osx/icon.icns
create mode 100644 resources/windows/icon.ico
create mode 100644 resources/windows/setup-icon.ico
create mode 100644 scripts/istanbul-reporter.js
create mode 100644 scripts/travis-build.sh
create mode 100644 src/background.js
create mode 100644 src/env.js
```

填写注册时的用户名



填写注册的密码



确认成功

```
$ git push https://github.com/hubtest123/test.git master
Enumerating objects: 66, done.
Counting objects: 100% (66/66), done.
Delta compression using up to 6 threads
Compressing objects: 100% (63/63), done.
Writing objects: 100% (66/66), 1.04 MiB | 282.00 KiB/s, done.
Total 66 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/hubtest123/test.git
 * [new branch]      master -> master
```

在github上也可以看到你的所有代码

hubtest123 / test

Code Issues Pull requests 4 Actions Projects Wiki Security 11 Insights Settings

We found potential security vulnerabilities in your dependencies. Only the owner of this repository can see this message. See Dependabot alerts

Branch: master ▾ Go to file Add file ▾ Code ▾

committed 3ff9b62 11 minutes ago

1 commits 5 branches 0 tags

app	init	11 minutes ago
config	init	11 minutes ago
e2e	init	11 minutes ago
resources	init	11 minutes ago
scripts	init	11 minutes ago
src	init	11 minutes ago
tasks	init	11 minutes ago
tests	init	11 minutes ago
.gitignore	init	11 minutes ago
.travis.yml	init	11 minutes ago
LICENSE	init	11 minutes ago
README.md	init	11 minutes ago
appveyor.yml	init	11 minutes ago
changelog.md	init	11 minutes ago
ganglion-api-spec.yaml	init	11 minutes ago
gulpfile.js	init	11 minutes ago
package.json	init	11 minutes ago

README.md

About No desc provider React MIT

Release No release Create a new

Packages No packages Publish your

Languages Java Other

The screenshot shows a GitHub repository page for 'hubtest123/test'. At the top, there's a yellow banner with the text 'We found potential security vulnerabilities in your dependencies.' and a link 'See Dependabot alerts'. Below the banner, the repository details are shown: Branch: master, 1 commits, 5 branches, 0 tags, committed 11 minutes ago. The main content area lists all files in the repository with their commit status: app, config, e2e, resources, scripts, src, tasks, tests, .gitignore, .travis.yml, LICENSE, README.md, appveyor.yml, changelog.md, ganglion-api-spec.yaml, gulpfile.js, and package.json, all initialized 11 minutes ago. On the right side, there are sections for About (No desc provider, React, MIT), Release (No release, Create a new), Packages (No packages, Publish your), and Languages (Java, Other). A legend at the bottom right shows Java in yellow and Other in light gray.

2. 注册使用在线编译平台

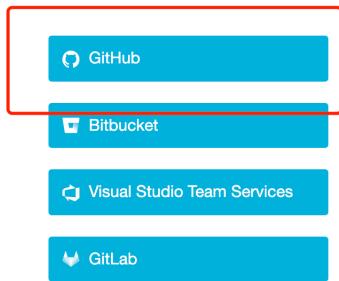
1. 注册

a. 打开网址: <https://ci.appveyor.com/login>

b. 选择GitHub登录

Login

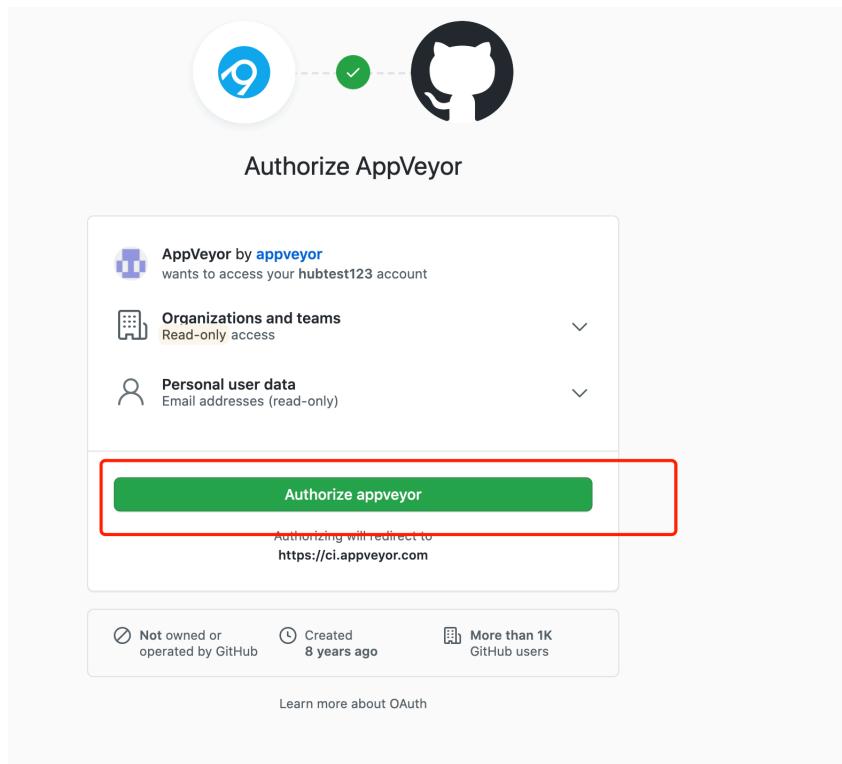
Login with your developer account



You consent to our collection and use of personal information provided by your developer account, as set out in our [Privacy Policy](#).

Upon sign up you agree to our [Terms of Service](#) and [Privacy Policy](#).

c. 点击确认认证



2. 编译

a. 打开网址: <https://ci.appveyor.com/projects>

b. 新建项目:



hubtest123

Projects

Environments

BYOC

Account

Projects

[+ NEW PROJECT](#)

Welcome to your new AppVeyor account! Let's start fr

c.选择安装程序

Cloud

- GitHub
- Bitbucket
- Visual Studio Team Services
- GitLab
- Kiln

On-premise

- GitHub Enterprise
- Bitbucket Server
- GitLab EE

Generic

- Git
- Mercurial
- Subversion

Select repository for your new project

Authorize as GitHub App

- Acts on its own behalf. API rate limits are counted towards the app installation, not the user authorized the app.
- Granted access to specific organizations/repositories only with narrow permissions. No need to setup a bot or service account as a separate GitHub user.
- Requires fewer permissions than OAuth app. Does not modify repository deploy keys and webhooks.
- Recommended authentication method. [Read more about GitHub Apps](#)

[Install AppVeyor App](#) [Import existing installations](#)

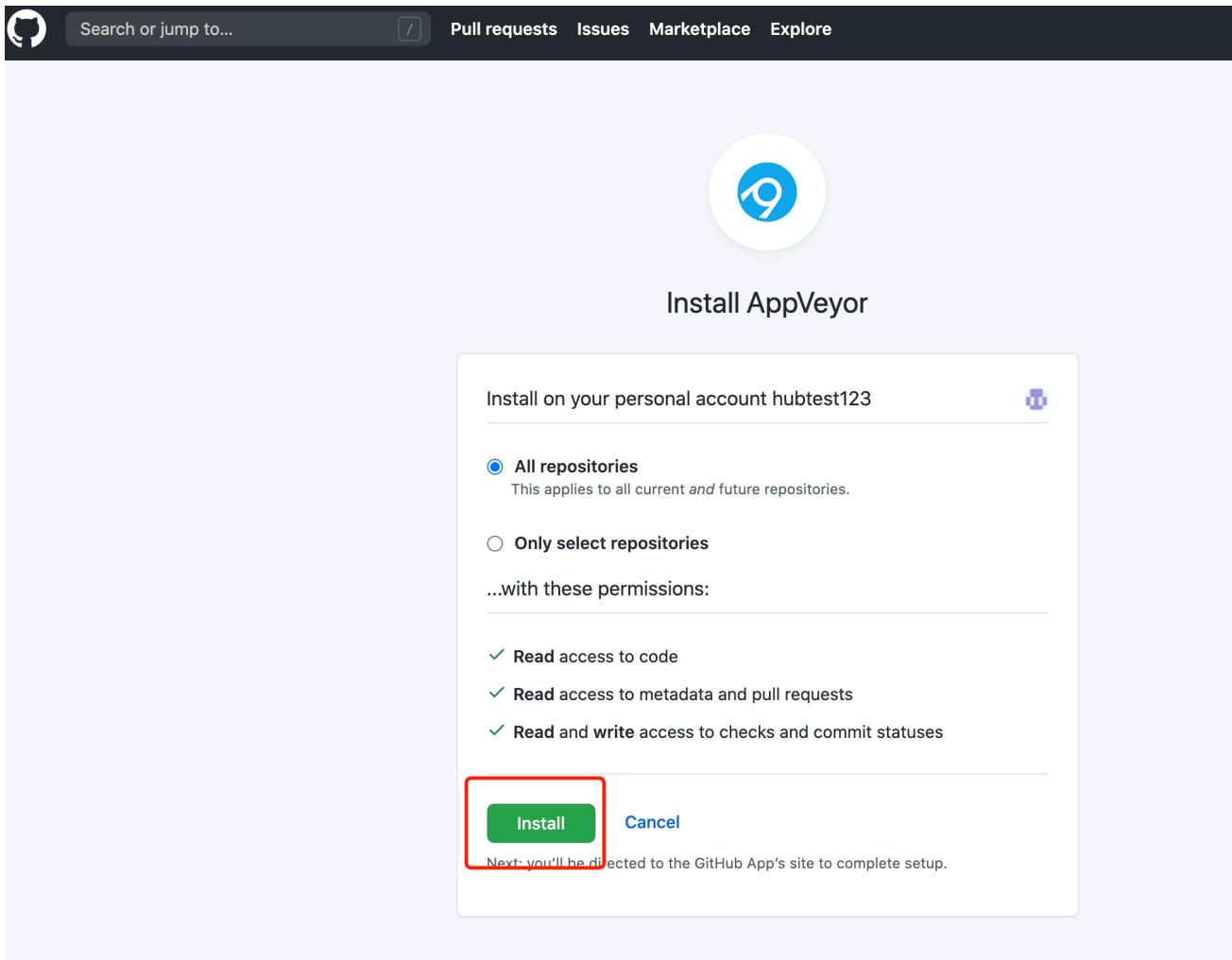
Authorize as OAuth App

- Acts on behalf of the user authorized the app. Rate limits are counted towards user GitHub account.
- Granted access to all user repositories, orgs and their resources with defined scopes. You need to maintain a separate GitHub user if you need to limit access to specific resources only.
- Requires permissions to modify repositories' deploy keys and webhooks. [Read more about OAuth Apps](#).

Public repositories only
 Private and public repositories

[Authorize GitHub](#)

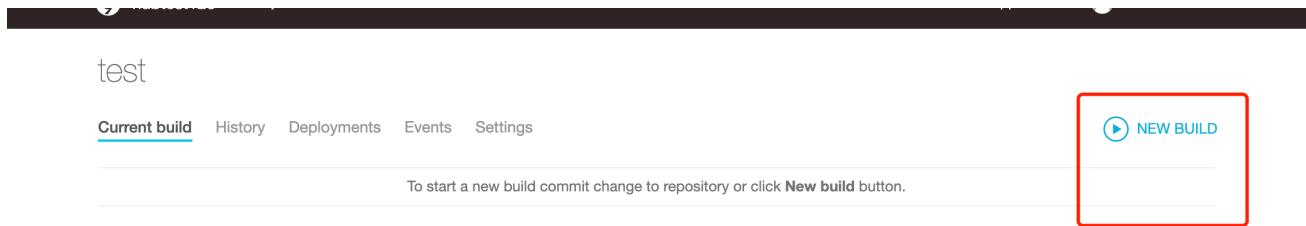
d.确认安装



e.选择你的代码仓库

The screenshot shows the AppVeyor settings page. At the top, there's a header with 'hubtest123', 'Projects', 'Environments', 'BYOC', and 'Account'. Below the header, there's a 'Cloud' section with a list of providers: GitHub (selected), Bitbucket, Visual Studio Team Services, GitLab, and Kiln. To the right, it says 'AppVeyor is authorized as GitHub App.' with 'Update installations' and 'Revoke access' buttons. Below the cloud section is an 'On-premise' section with GitHub Enterprise, Bitbucket Server, and GitLab EE listed. At the bottom is a 'Generic' section with Git, Mercurial, and Subversion listed. In the center, there's a 'Select repository for your new project' section. It shows 'hubtest123' with a repository named 'test'. A red box highlights the 'hubtest123' repository name and another red box highlights the '+ ADD' button.

f.选择new build



g.进入等待页面

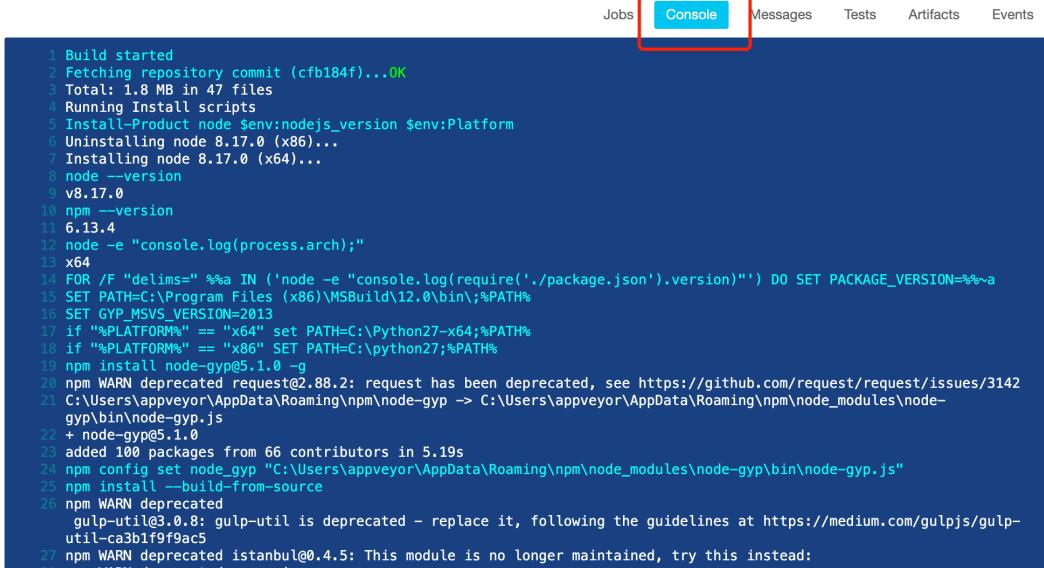
A screenshot of a build interface showing a single job named 'init'. The job was created '16 minutes ago by idejie' and is currently 'Starting'. It is running on 'master' branch with commit hash '3ff9b62c'. There is a 'Jobs' button at the bottom right. The 'Platform' dropdown is set to 'x64'.

Job name	Tests	Duration
init	1	Starting
Platform: x64		Starting
Platform: x86		Queued

h.点击选择64位

A screenshot of a build interface showing the 'Platform' dropdown menu. The option 'Platform: x64' is highlighted with a red box. The other option, 'Platform: x86', is also visible.

i.查看log



```
1 Build started
2 Fetching repository commit (cfb184f)...OK
3 Total: 1.8 MB in 47 files
4 Running Install scripts
5 Install-Product node $env:nodejs_version $env:Platform
6 Uninstalling node 8.17.0 (x86)...
7 Installing node 8.17.0 (x64)...
8 node --version
9 v8.17.0
10 npm --version
11 6.13.4
12 node -e "console.log(process.arch);"
13 x64
14 FOR /F "delims=%a IN ('node -e "console.log(require('./package.json').version)") DO SET PACKAGE_VERSION=%~a
15 SET PATH=C:\Program Files (x86)\MSBuild\12.0\bin;%PATH%
16 SET GYP_MSVS_VERSION=2013
17 if "%PLATFORM%" == "x64" set PATH=C:\Python27-x64;%PATH%
18 if "%PLATFORM%" == "x86" SET PATH=C:\python27;%PATH%
19 npm install node-gyp@5.1.0 -g
20 npm WARN deprecated request@2.88.2: request has been deprecated, see https://github.com/request/request/issues/3142
21 C:\Users\appveyor\AppData\Roaming\npm\node-gyp -> C:\Users\appveyor\AppData\Roaming\npm\node_modules\node-gyp\bin\node-gyp.js
22 + node-gyp@5.1.0
23 added 100 packages from 66 contributors in 5.19s
24 npm config set node_gyp "C:\Users\appveyor\AppData\Roaming\npm\node_modules\node-gyp\bin\node-gyp.js"
25 npm install --build-from-source
26 npm WARN deprecated gulp-util@3.0.8: gulp-util is deprecated - replace it, following the guidelines at https://medium.com/gulpjs/gulp-util-ca3bf9f9ac5
27 npm WARN deprecated istanbul@0.4.5: This module is no longer maintained, try this instead:
```

等待一段时间，最后一行出现：build success(这个时间会比较长，毕竟在安装依赖还要编译)

```
111
112 > @ release C:\projects\test
113 > build --publish never
114
115 Rebuilding app dependencies for arch x64 to C:\projects\test\app
116
117 Packaging for platform win32 x64 using electron 2.0.2 to dist\win-
118
119 Creating NSIS x64 package
120
121 Building NSIS installer
122
123 Collecting artifacts...
124 Found artifact 'dist' matching 'dist' path
125 Uploading artifacts...
126 [1/1] OpenBCIHub.zip (104,964,934 bytes)...100%
127 Build success
```

3. 下载安装包

Platform: x64

5 min 44 sec

Jobs

Console

Messages

Tests

Artifacts 1

Events

Artifacts older than 6 months are automatically deleted. For more details see [Artifacts retention policy](#).

Got it!

