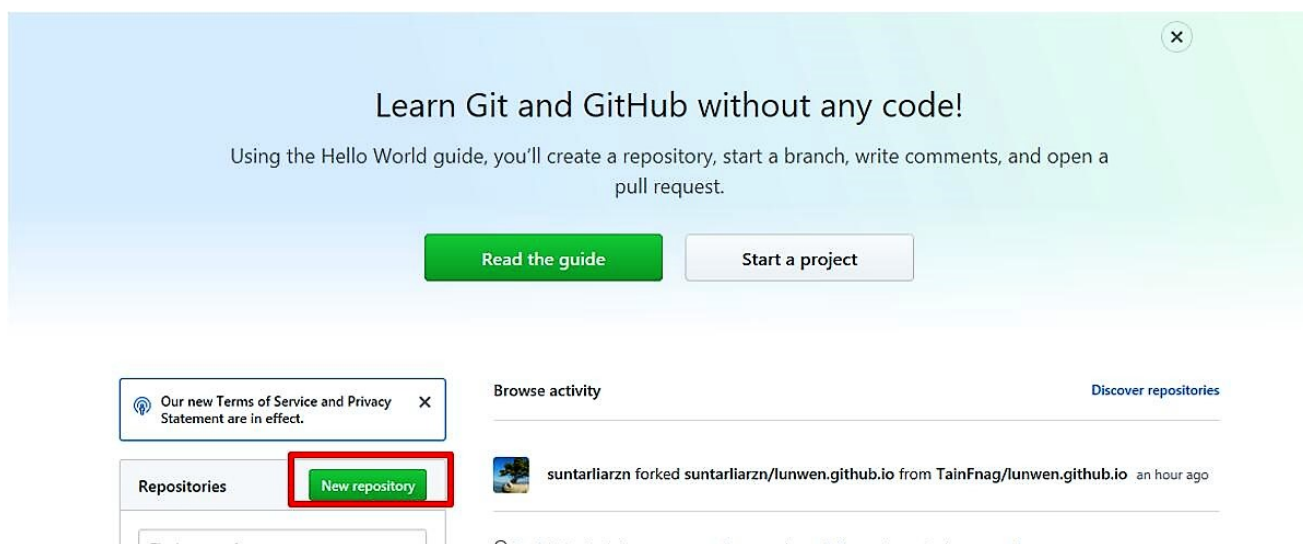


第一章 Hexo 与github连接

一. Github账户注册

1. 进入<https://github.com/>官网注册成为新账户。
2. 点击 **New repository** 新建仓库。

仓库名必须要遵守格式：`用户名.github.io`，否则会造成不必要的麻烦。并勾选 **Initialize this repository with a README**




Create a new repository


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

Owner

Repository name


 CruxF ▼

 /


CruxF.github.io 

Great repository names are short and memorable. Need inspiration?

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 don't want to.

Add .gitignore: None ▼

Add a license: None ▼ 

3. 建好项目后，点击右侧 `settings` 按钮，下拉至 `GitHub Pages`，会看到一个网址。

4. 访问该网址，你将看到该项目已经被部署到网络上，能够通过外网进行访问。

GitHub Pages

GitHub Pages is designed to host your personal, organization, or private repository.

Your site is ready to be published at <https://cruxf.github.io/>.

Source

Your GitHub Pages site is currently being built from the master branch.

master branch ▾

Save

User pages must be built from the master branch.

Theme Chooser

Select a theme to build your site with a Jekyll theme. [Learn more.](#)

Choose a theme

二. 安装Git

1. 进入<https://git-scm.com/downloads>官网下载，按照屏幕提示安装程序。
2. 安装Git并配置好Git环境

若在电脑上任何图标单击鼠标右键，菜单中能出现如下选项，则安装成功：



三. 安装NodeJs环境

1. NodeJs环境配置

1. 进入 <http://nodejs.cn/download/> 官网下载安装程序。



首页 | 下载 | 文档 | 搜索 | 云服务器



Windows 安装程序
node-v10.15.0-x64.msi



macOS 安装程序
node-v10.15.0.pkg



源代码
node-v10.15.0.tar.gz

Windows 安装程序 (.msi)

Windows 二进制包 (.zip)

macOS 安装程序 (.pkg)

macOS 二进制包 (.pkg)

Linux 二进制包 (x64)

Linux 二进制包 (ARM)

Docker 镜像

全部安装包

32 位	64 位	
32 位	64 位	
64 位		
64 位		
32 位		
ARMv6	ARMv7	ARMv8
官方镜像		
阿里云镜像		

↑

如何查看自己的电脑位数:

进入 "我的电脑">"属性"

系统

← → ↕ ↑

控制面板 > 所有控制面板项 > 系统

控制面板主页

设备管理器

远程设置

系统保护


高级系统设置

查看有关计算机的基本信息

Windows 版本

Windows 10 家庭版

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 Windc

系统

处理器: Intel(R) Celeron(R) CPU N2940 @ 1.83GHz 1.83 GHz

已安装的内存(RAM): 4.00 GB (3.89 GB 可用)

系统类型: 64 位操作系统, 基于 x64 的处理器

笔和触控: 没有可用于此显示器的笔或触控输入

计算机名、域和工作组设置

计算机名: ASUS

计算机全名: ASUS

计算机描述:

工作组: WORKGROUP

Windows 激活

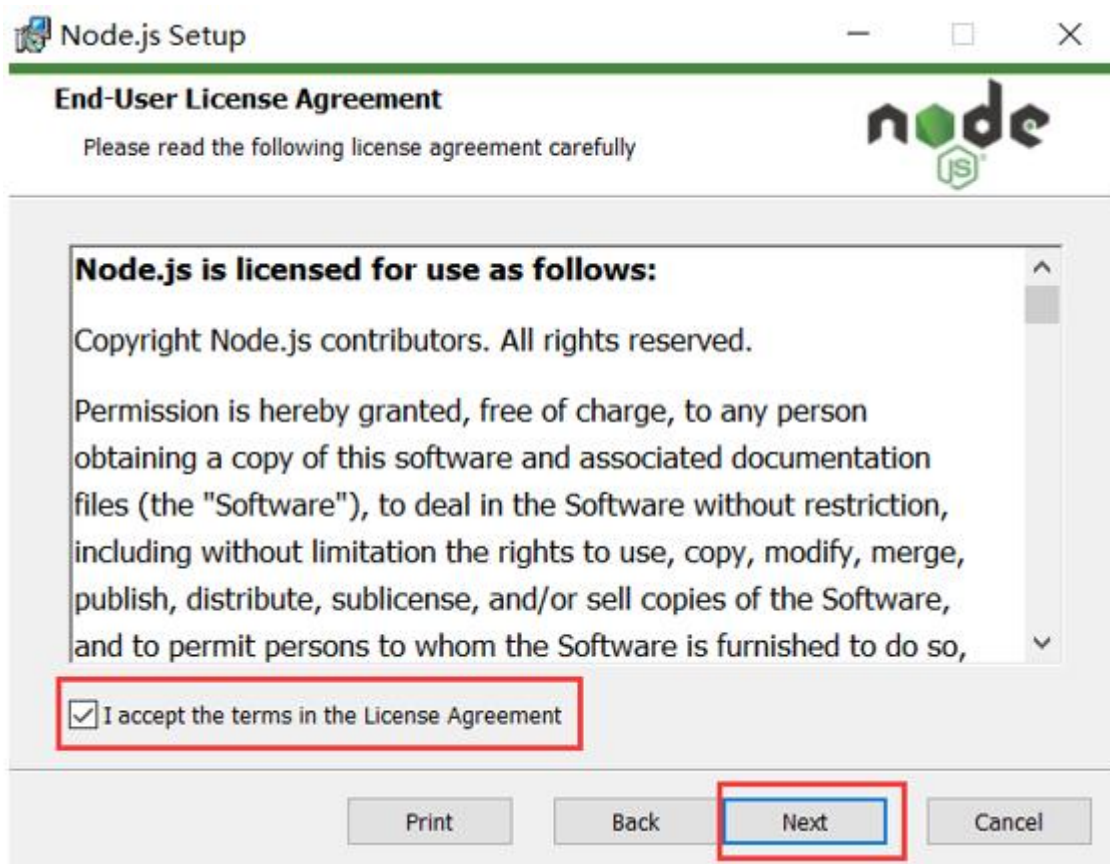
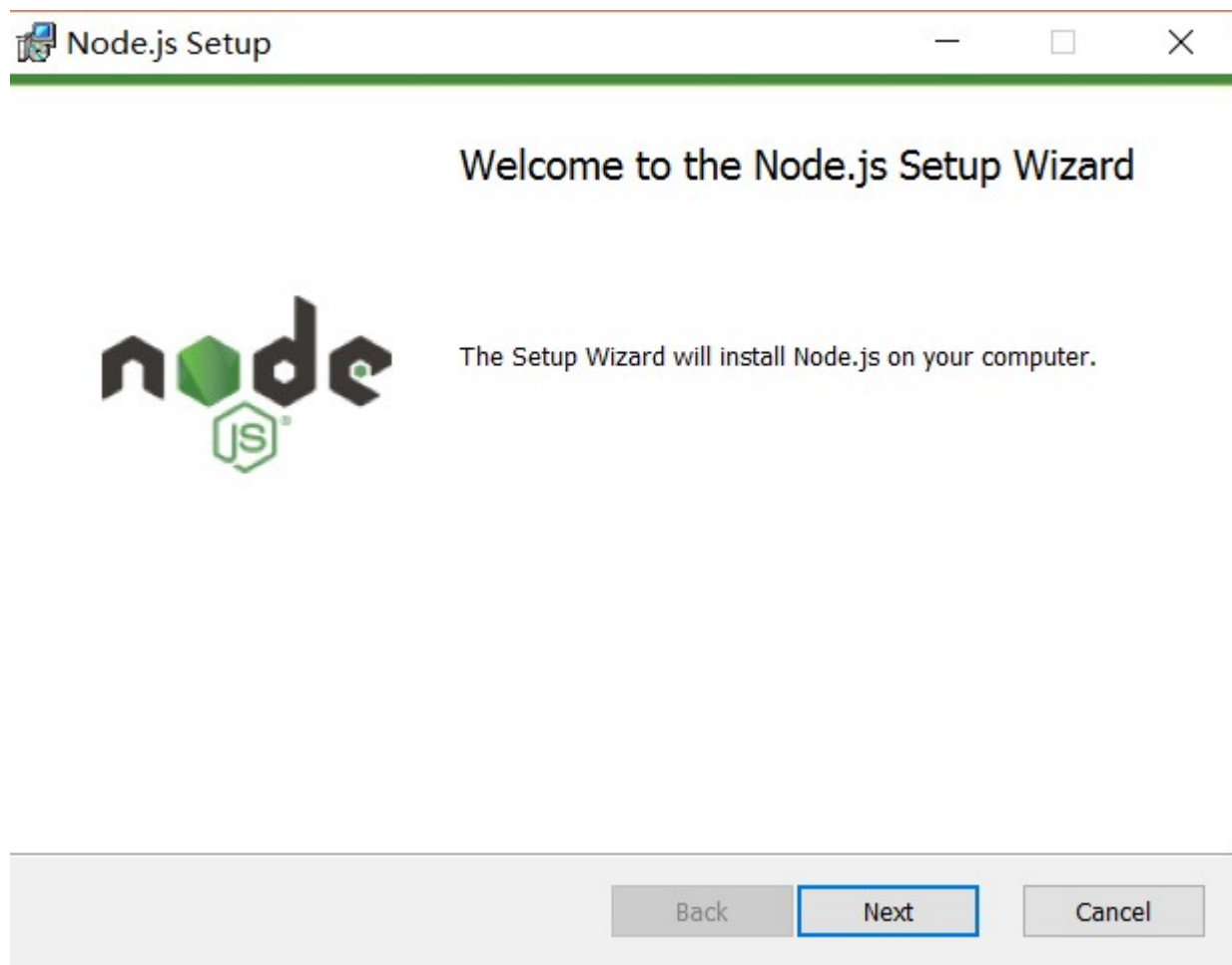
Windows 已激活 [阅读 Microsoft 软件许可条款](#)

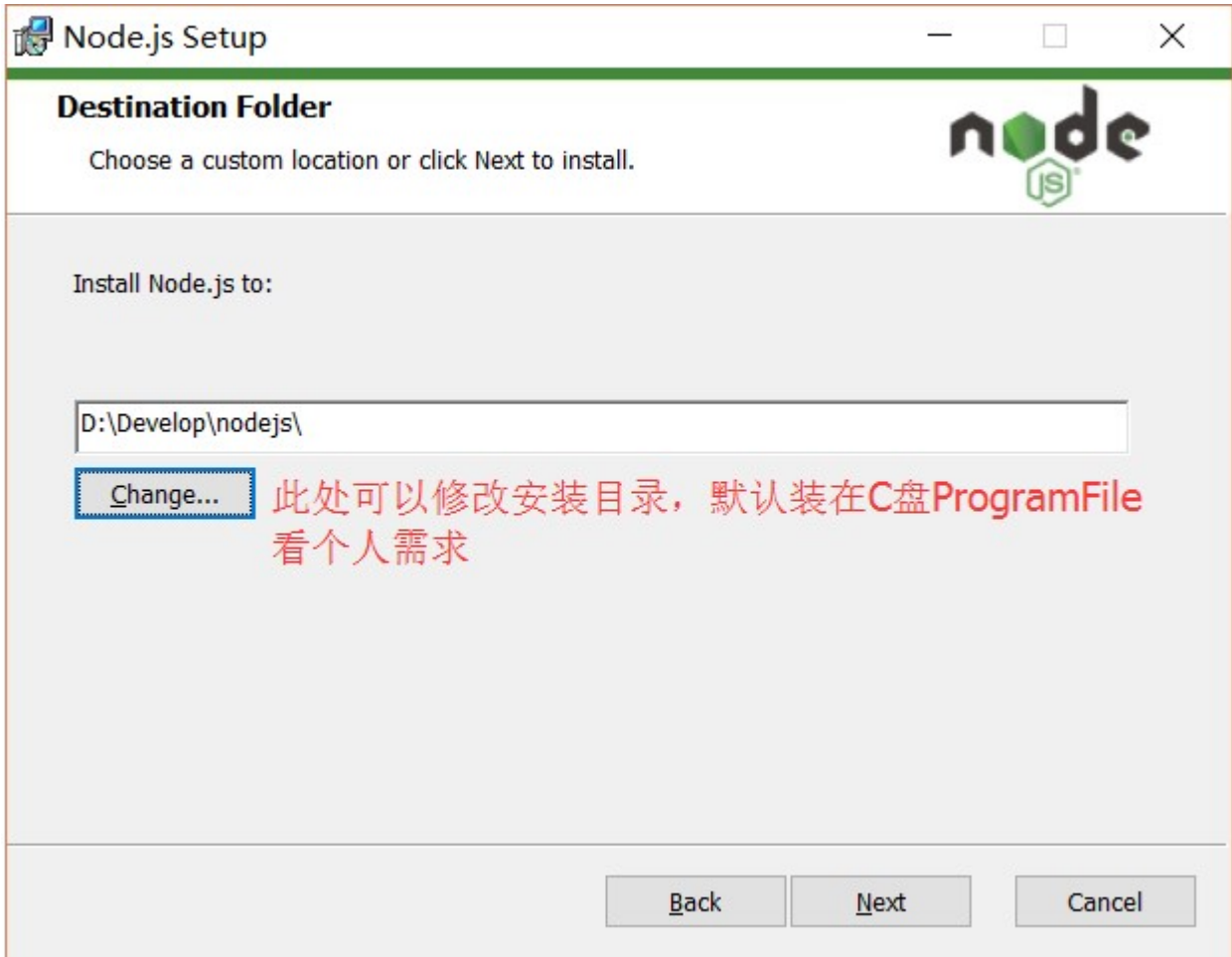
产品 ID: 00350-40000-00000-AA919

另请参阅

安全和维护

2. 点击 .msi 按照屏幕提示安装程序。





Custom Setup

Select the way you want features to be installed.



Click the icons in the tree below to change the way features will be installed.

+

Node.js runtime

+

npm package manager

+

Online documentation shortcuts

+

Add to PATH

此处默认安装这四项即可，
点击Next按钮

Add Node.js, npm, and modules that were globally installed by npm to the PATH environment variable.

This feature requires 0KB on your hard drive. It has 2 of 2 subfeatures selected. The subfeatures require 2KB on your hard drive.

Browse...

Reset

Disk Usage

Back

Next

Cancel

Ready to install Node.js

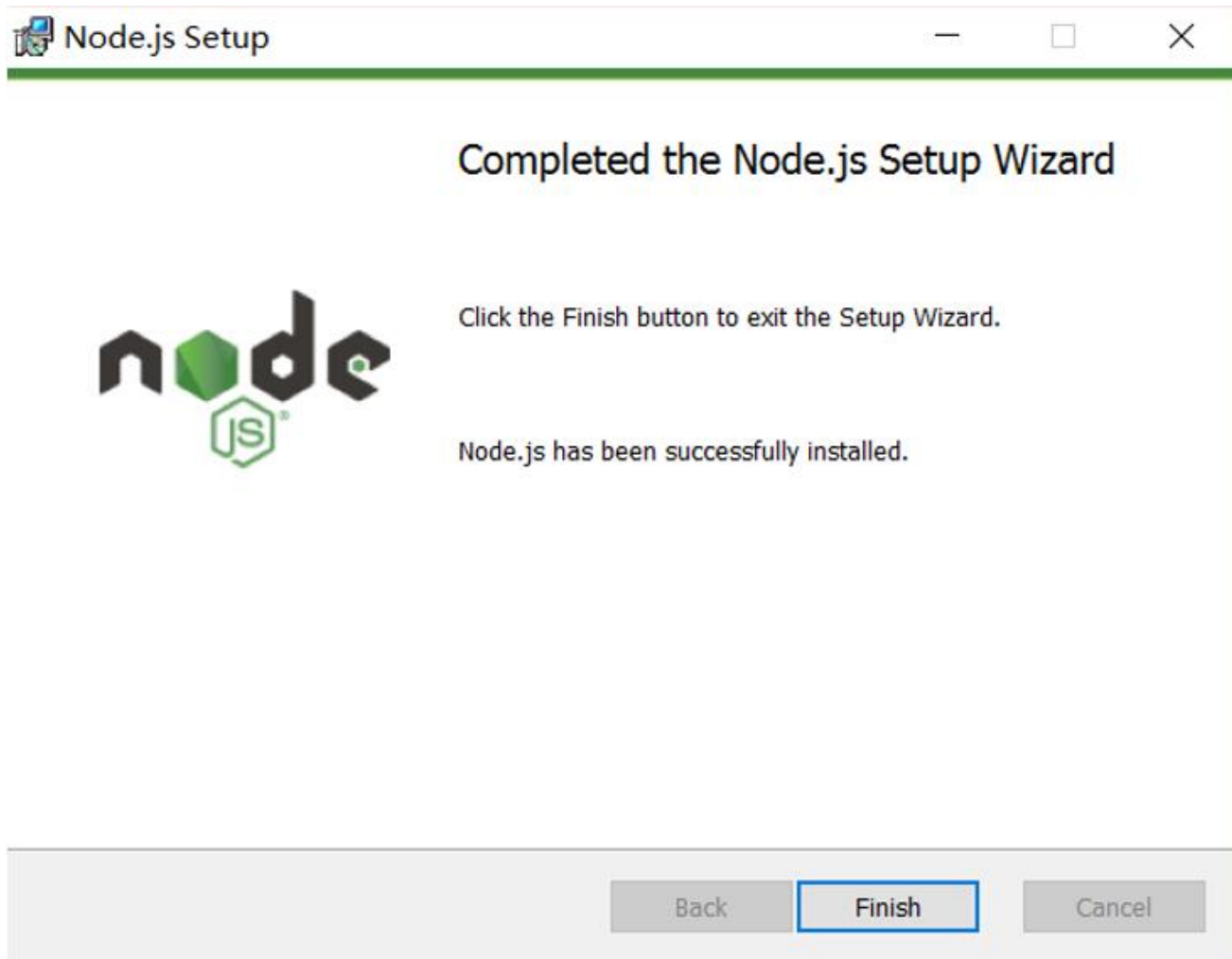
Click Install to begin the installation. Click Back to review or change any of your installation settings. Click Cancel to exit the wizard.

点击【Install】按钮

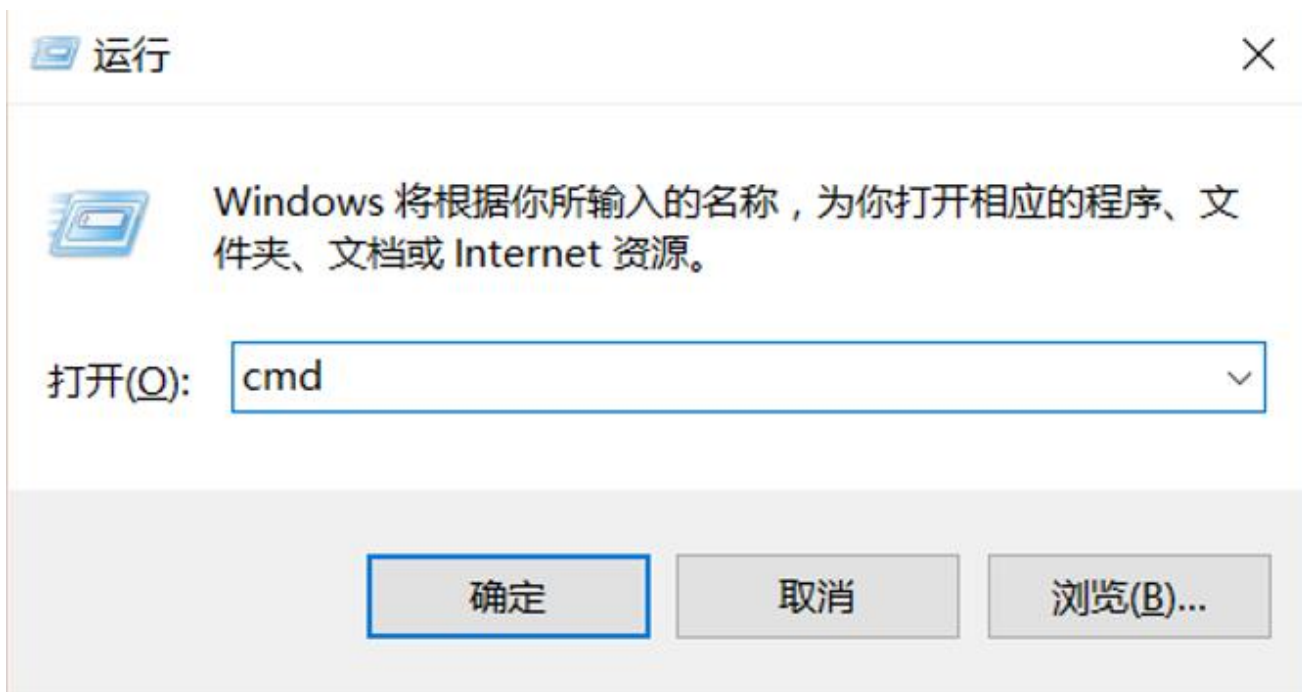
Back

 Install

Cancel



3. 快捷键 `win+R` 或单击 菜单->运行，输入"cmd"



4. 在弹出界面按照下图提示输入，若安装Node.js成功，则不需要配置Node.js环境。

```
C:\Windows\system32\cmd.exe
Microsoft Windows [版本 10.0.14393]
(c) 2016 Microsoft Corporation. 保留所有权利。

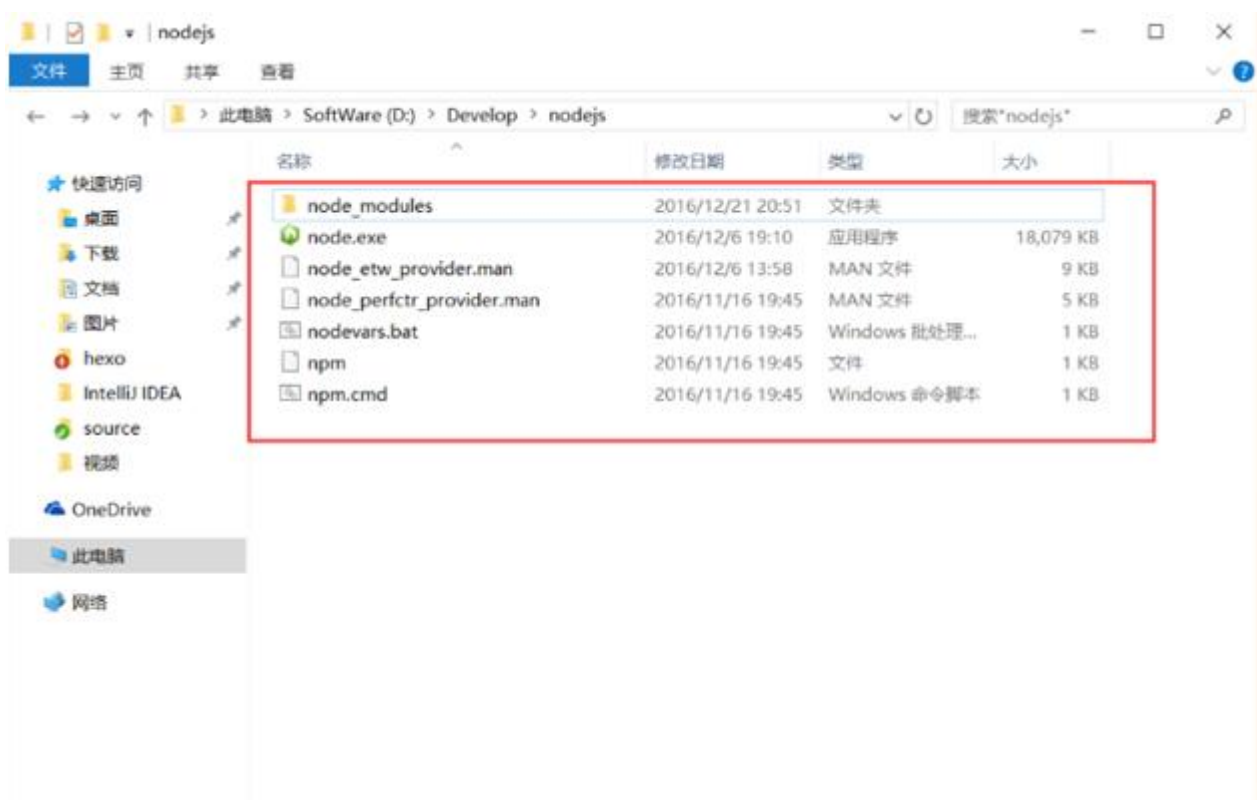
C:\Users\JayYang>node -v
v6.9.2

C:\Users\JayYang>npm -v
3.10.9

C:\Users\JayYang>
```

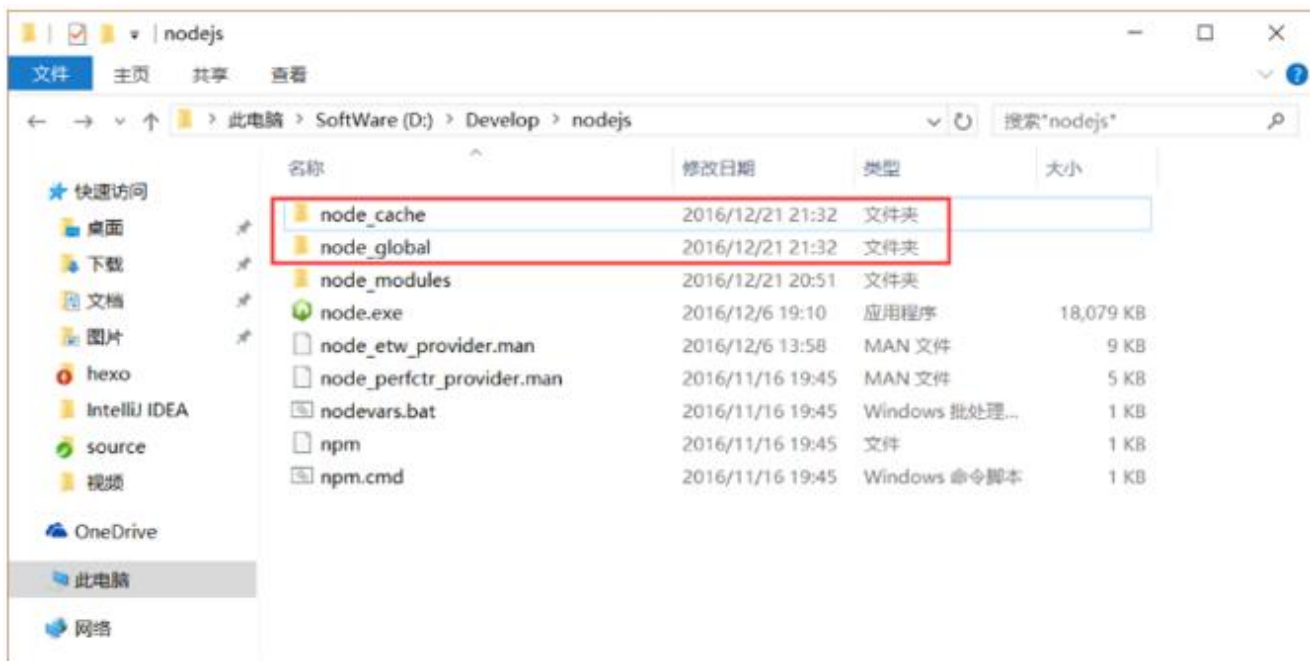
输入 `node -v` 显示node.js的版本说明已安装成功
输入 `npm -v` 显示npm版本说明自带的npm也已经安装成功

5. 安装成功后的目录如下图所示：



6. 若显示“没有这个指令”，则需要配置Node.js环境：

- 首先在nodejs的主目录下，新建 `node_global` 和 `node_cache` 两个文件夹。如下：



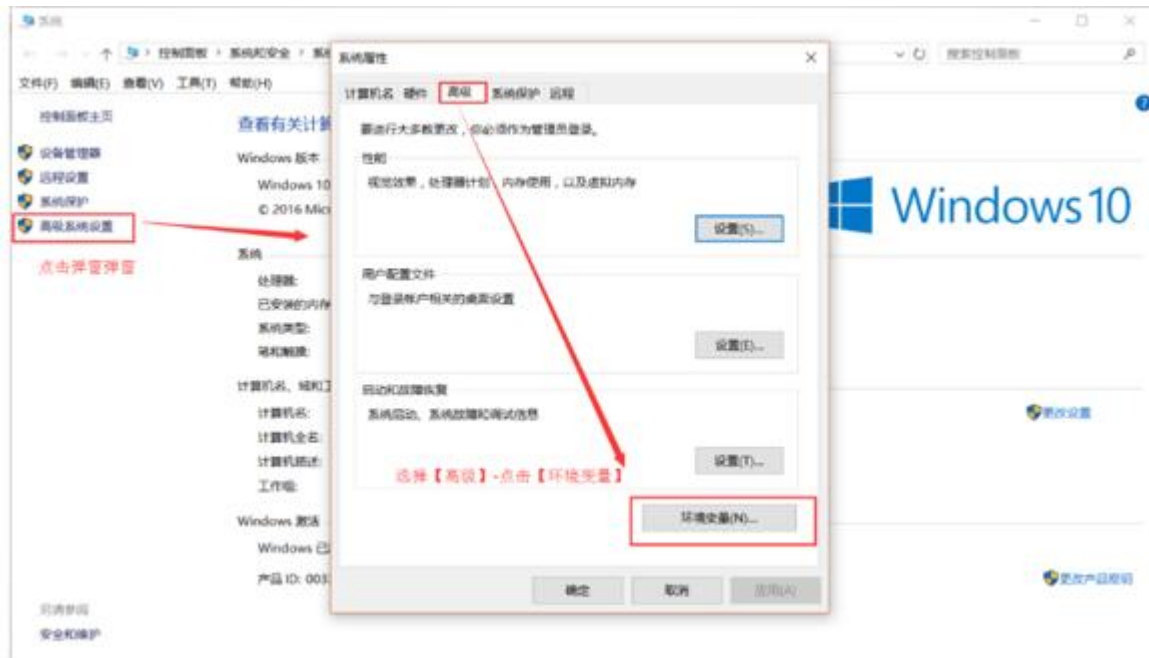
- 打开cmd命令窗口，输入

```
npm config set prefix "D:\Develop\nodejs\node_global"
```

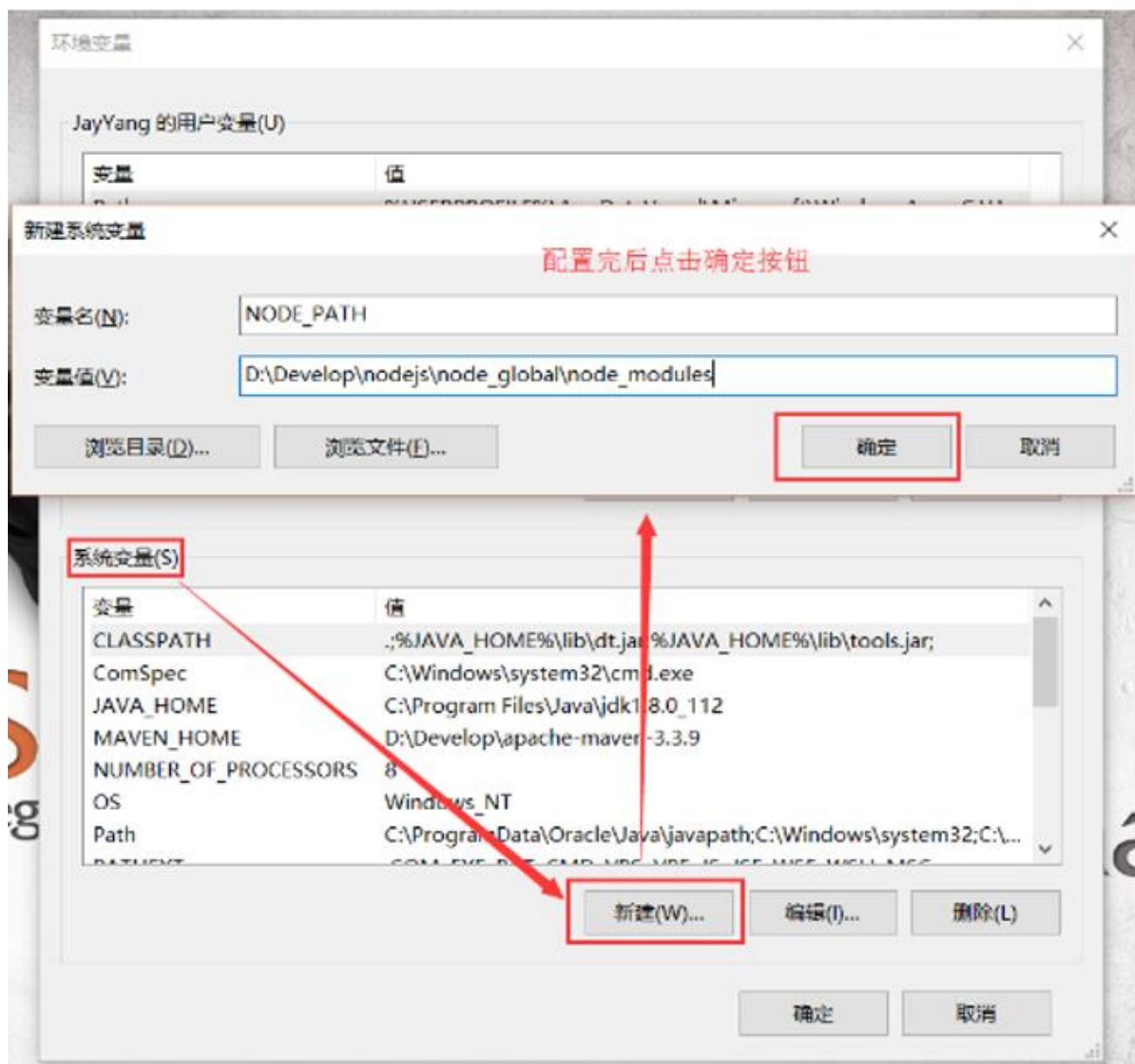
```
npm config set cache "D:\Develop\nodejs\node_cache"
```



- 设置环境变量。关闭当前窗口，打开“我的电脑”>“属性”>“高级系统设置”>“高级”>“环境变量”



- 进入环境变量对话框，在 系统变量 下新建 `NODE_PATH`，输入: `D:\Develop\nodejs\node_global\node_modules`，将 用户变量 下的 `Path` 修改为 `D:\Develop\nodejs\node_global`



JayYang 的用户变量(U)

变量	值
Path	%USERPROFILE%\AppData\Local\Microsoft\WindowsApps;C:\U...
TEMP	%USERPROFILE%\AppData\Local\Temp
TMP	%USERPROFILE%\AppData\Local\Temp

新建(N)...

编辑(E)...

删除(D)

系统变量(S)

变量	值
CLASSPATH	.;%JAVA_HOME%\lib\dt.jar;%JAVA_HOME%\lib\tools.jar;
ComSpec	C:\Windows\system32\cmd.exe
JAVA_HOME	C:\Program Files\Java\jdk1.8.0_112
MAVEN_HOME	D:\Develop\apache-maven-3.3.9
NODE_PATH	D:\Develop\nodejs\node_global\node_modules
NUMBER_OF_PROCESSORS	8
OS	Windows_NT

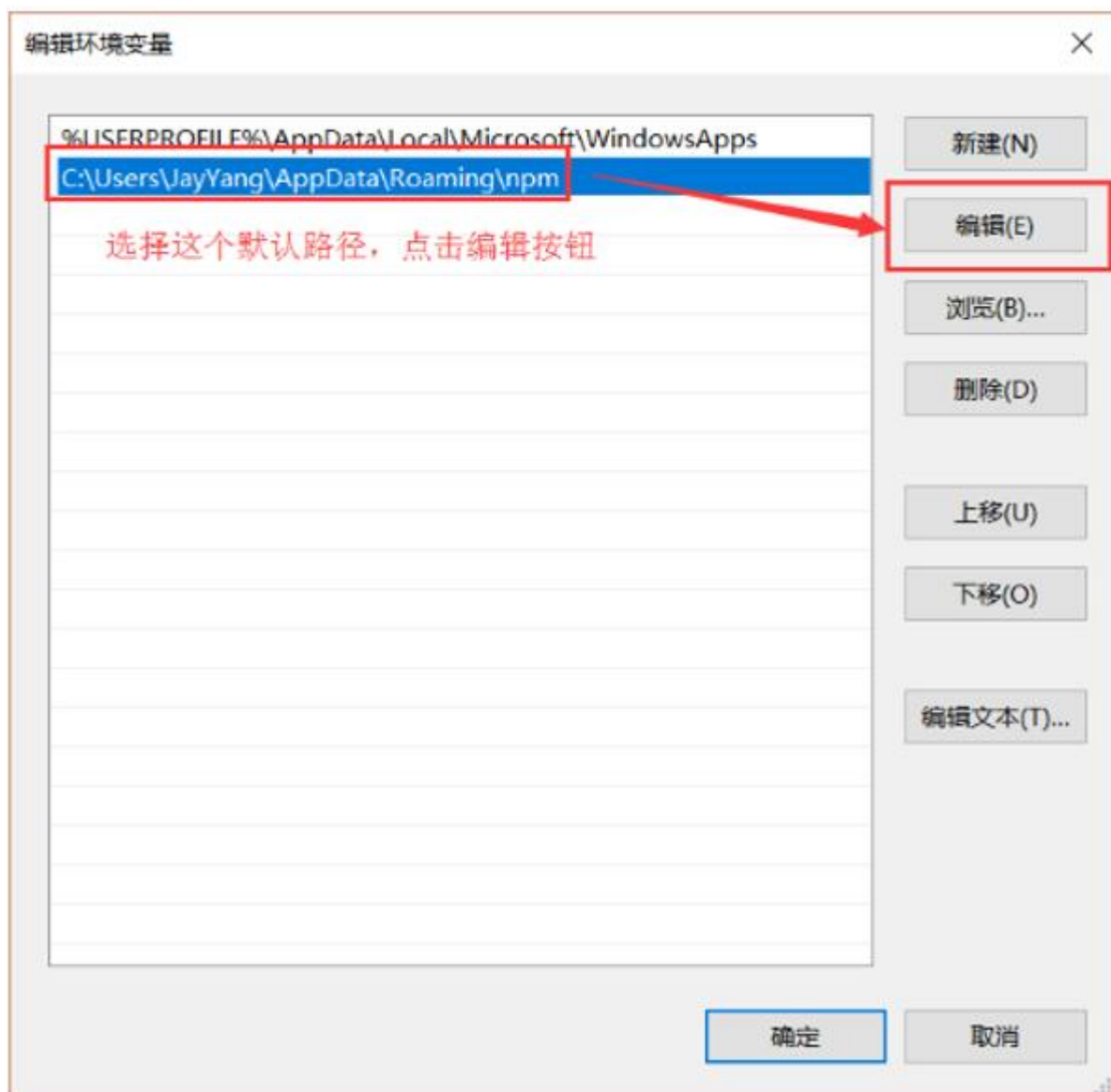
新建(W)...

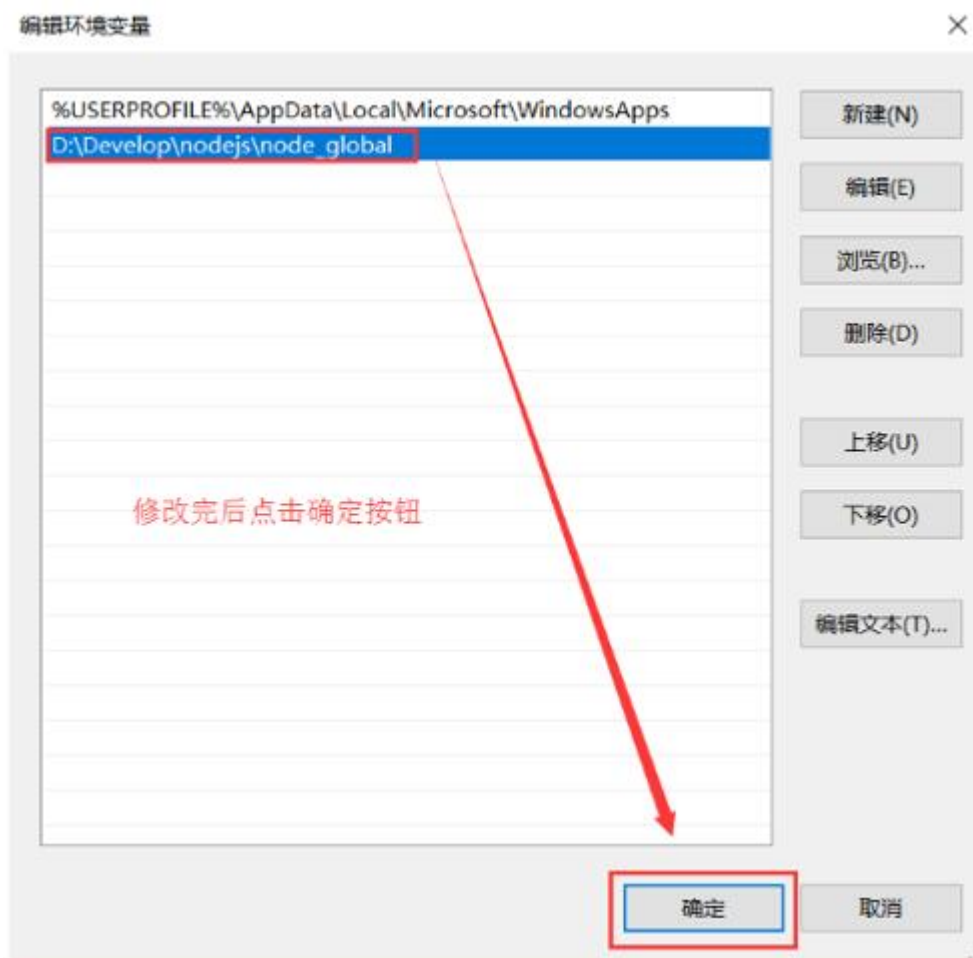
编辑(I)...

删除(L)

确定

取消





7. 配置完后，安装 `module` 进行测试，打开"cmd"窗口，输入 `npm install express -g` 命令进行模块的全局安装：

```
C:\Windows\system32\cmd.exe
(c) 2016 Microsoft Corporation. 保留所有权利。
C:\Users\JayYang>node -v
v6.9.2
C:\Users\JayYang>npm -v
3.10.9
C:\Users\JayYang>npm install express -g
D:\Develop\nodejs\node_global
- express@4.14.0
+-- accepts@1.3.3
+-- mime-types@2.1.13
+-- mime-db@1.25.0
+-- negotiator@0.6.1
+-- array-flatten@1.1.1
+-- content-disposition@0.5.1
+-- content-type@1.0.2
+-- cookie@0.3.1
+-- cookie-signature@1.0.6
+-- debug@2.2.0
+-- ms@0.7.1
+-- depd@1.1.0
+-- encodeurl@1.0.1
+-- escape-html@1.0.3
+-- etag@1.7.0
+-- finalhandler@0.5.0
+-- statuses@1.3.1
+-- unpipe@1.0.0
```

该命令表示安装全局模块

安装完后可以看到express模块安装在刚才配置的全局模块路径的文件夹中
还可以看到express安装的版本是4.14.0

特别说明：如果安装时不加-g参数，则安装的模块就会安装在当前路径下
就拿我上面的那个例子，如果我后面不加-g参数，则express模块会安装在C:\Users\JayYang目录下，的node_modules文件夹中，该文件夹如果不在会自动生成

2.Hexo安装调试

1. 配置环境完成后，输入 `npm install hexo -`，开始安装Hexo。

```

D:\blog>npm install hexo -g
npm WARN deprecated swig@1.4.2: This package is no longer supported
C:\Users\fengxiong\AppData\Roaming\npm\hexo -> C:\Users\fengxiong\AppData\Roaming\npm\node_modules\hexo
npm WARN optional SKIPPING OPTIONAL DEPENDENCY: fsevents@1.2.7:
npm WARN notsup SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for
  "fsevents" (current: {"os":"win32","arch":"x64"})

+ hexo@3.3.9
added 114 packages and updated 1 package in 131.277s

Update available 5.4.2 -> 5.5.1
Run npm i -g npm to update

```

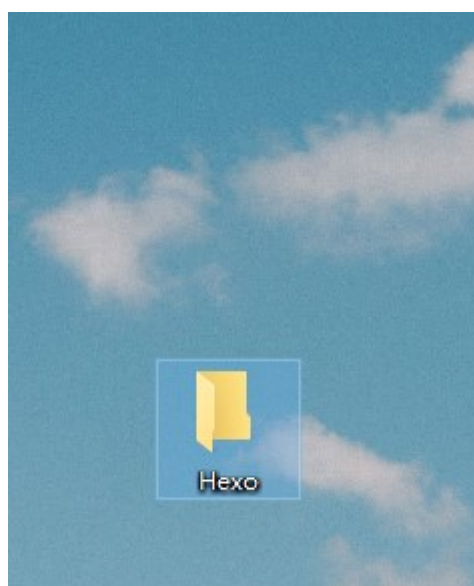
2. 输入 `hexo -v`，检查hexo是否安装成功。

```

D:\blog>hexo -v
hexo-cli: 1.0.3
os: Windows_NT 10.0.14393 win32 x64
http_parser: 2.7.0
node: 6.11.4
v8: 5.1.281.108
uv: 1.11.0
zlib: 1.2.11
ares: 1.10.1-DEV
icu: 58.2
modules: 48
openssl: 1.0.2j

```

3. 新建一个Hexo文件夹，单击鼠标右键，选择 `Git Bash Here`。



4. 输入 `hexo init`，初始化该文件夹。

```
MINGW64:/d/hexo
suntar@suntar MINGW64 /d/hexo
$ hexo init
INFO Cloning hexo-starter to D:\hexo
Cloning into 'D:\hexo'...
remote: Enumerating objects: 68, done.
remote: Total 68 (delta 0), reused 0 (delta 0), pack-reused 68
Unpacking objects: 100% (68/68), done.
```

```
npm notice created a lockfile as package-lock.json. You should move it to the root of your project
npm WARN optional SKIPPING OPTIONAL DEPENDENCY: fsevents@1.2.9:
npm WARN notsup SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for
  } (current: {"os":"win32","arch":"x64"})

added 429 packages in 96.435s
INFO Start blogging with Hexo!
```

5. 输入 `hexo g`。

```
D:\blog>hexo g
INFO Start processing
INFO Files loaded in 1.39 s
INFO Generated: index.html
INFO Generated: archives/index.html
INFO Generated: fancybox/blank.gif
INFO Generated: archives/2017/10/index.html
INFO Generated: fancybox/jquery.fancybox.css
INFO Generated: fancybox/jquery.fancybox.pack.js
INFO Generated: fancybox/jquery.fancybox.js
INFO Generated: fancybox/fancybox_loading@2x.gif
INFO Generated: fancybox/fancybox_overlay.png
INFO Generated: fancybox/fancybox_sprite.png
INFO Generated: fancybox/fancybox_loading.gif
INFO Generated: fancybox/fancybox_sprite@2x.png
INFO Generated: archives/2017/index.html
INFO Generated: js/script.js
```

6. 输入 `hexo s`，在浏览器中访问该网址，正式体验Hexo。

```
D:\blog>hexo s
INFO Start processing
INFO Hexo is running at http://localhost:4000/. Press Ctrl+C to stop.
```

假如页面一直无法跳转，则可能是端口被占用。此时使用快捷键 `ctrl+c` 停止服务器，输入 `hexo server -p 端口号` 以更改端口号。

```
D:\blog>hexo server -p 5000
INFO Start processing
INFO Hexo is running at http://localhost:5000/. Press Ctrl+C to stop.
```



7. 将Hexo与Github page联系起来，设置Git的user name和email（初次使用时）。

```
MINGW64:/d/blog

fengxiong@shuaigefeng MINGW64 /d/blog
$ git config --global user.name "feng"

fengxiong@shuaigefeng MINGW64 /d/blog
$ git config --global user.email "929762930@qq.com"
```

注意：“feng”改为自己的用户名，“929762930@qq.com”改为自己的邮箱。

- 输入 `cd ~/.ssh`，检查是否包含".ssh"的文件夹。

```
fengxiong@shuaigefeng MINGW64 /d/blog
$ cd ~/.ssh

fengxiong@shuaigefeng MINGW64 /d/blog
```

- 输入 `ls`，列出该文件下的内容。如下显示说明存在。


```
fengxiong@shuaigefeng MINGW64 ~/.ssh
$ ls
id_rsa id_rsa.pub known_hosts
```

- 输入 `ssh-keygen -t rsa -C "自己的邮箱"`，连续单击三次回车键，生成密钥，最后得到两个文件：`id_rsa` 和 `id_rsa.pub`。（默认存储路径是：`C:\Users\Administrator.ssh`）

```
fengxiong@shuaigefeng MINGW64 ~/.ssh
$ ssh-keygen -t rsa -C "929762930@qq.com"
Generating public/private rsa key pair.
Enter file in which to save the key (/c/Users/fengxiong/.ssh/id_rsa):
/c/Users/fengxiong/.ssh/id_rsa already exists.
Overwrite (y/n)?
```

- 输入字母“y”，按回车键。

```
suntar@suntar MINGW64 ~/.ssh
$ ssh-keygen -t rsa -C "542432379@qq.com"
Generating public/private rsa key pair.
Enter file in which to save the key (/c/Users/sunta/.ssh/id_rsa):
/c/Users/sunta/.ssh/id_rsa already exists.
Overwrite (y/n)? y
Enter passphrase (empty for no passphrase):
Enter same passphrase again:
Your identification has been saved in /c/Users/sunta/.ssh/id_rsa.
Your public key has been saved in /c/Users/sunta/.ssh/id_rsa.pub.
The key fingerprint is:
SHA256:Xo+18hkVDgscusYjProtm8H5azm+sVDSIONZ5zxHuuk 542432379@qq.com
The key's randomart image is:
+---[RSA 2048]---+
|                 .
|                o .
|   o o . o o . .
|  . = * + . . + .
|   o . 0 S . o o
|  . = 0 o + o
|   = * . . o +
|   .0++   o o
|   =*E+    o
+---[SHA256]-----+
```

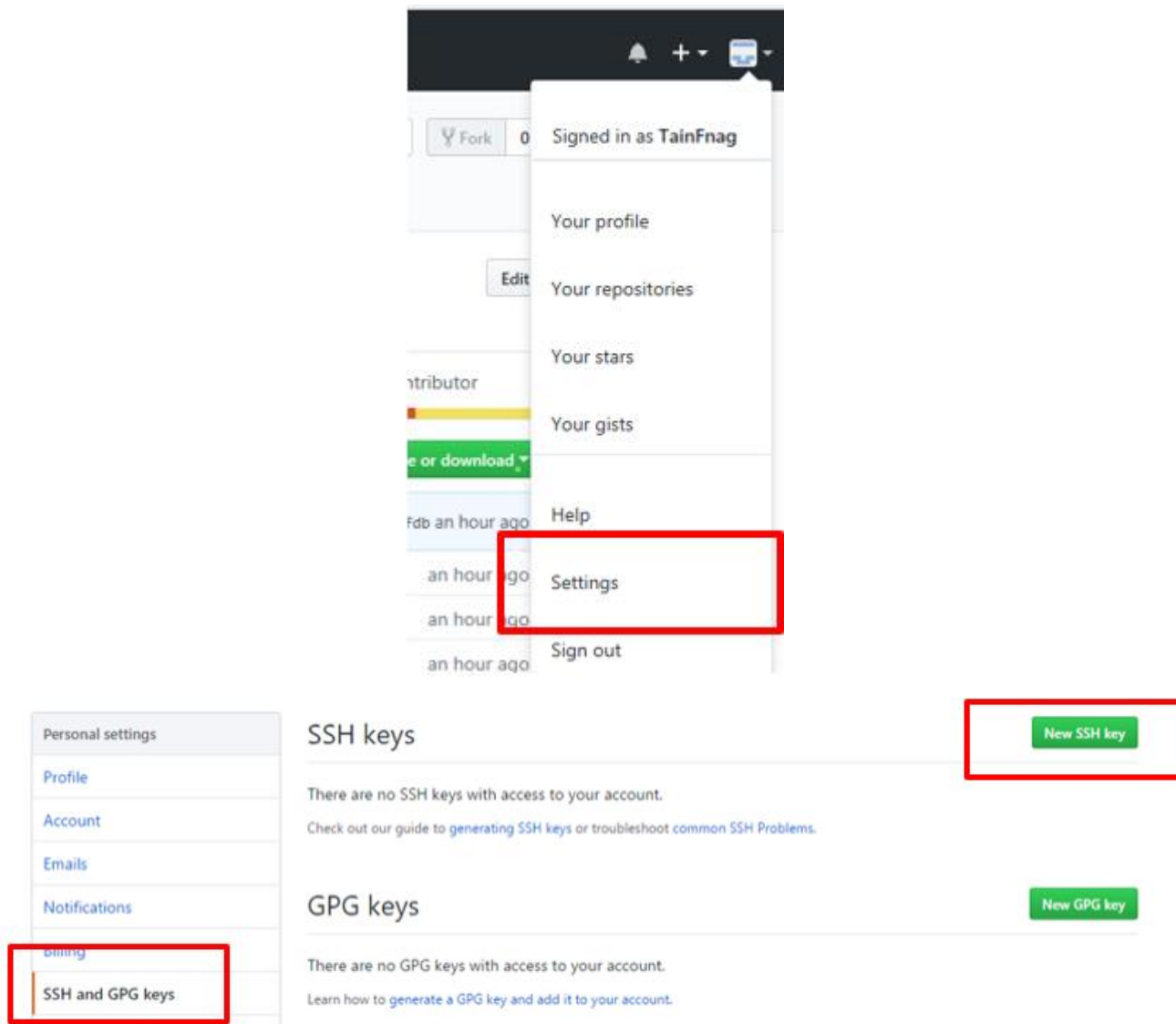
- 输入 `eval "$(ssh-agent -s)"`，添加密钥到“ssh-agent”。

```
fengxiong@shuaigefeng MINGW64 ~/.ssh
$ eval "$(ssh-agent -s)"
Agent pid 12400
```

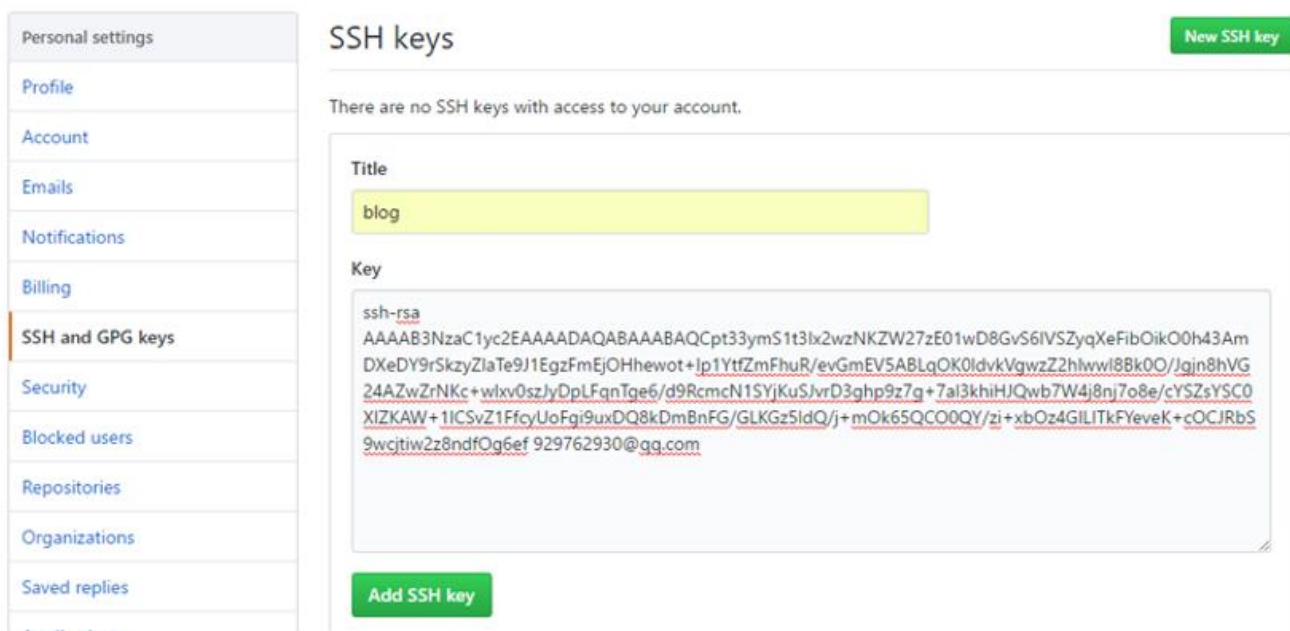
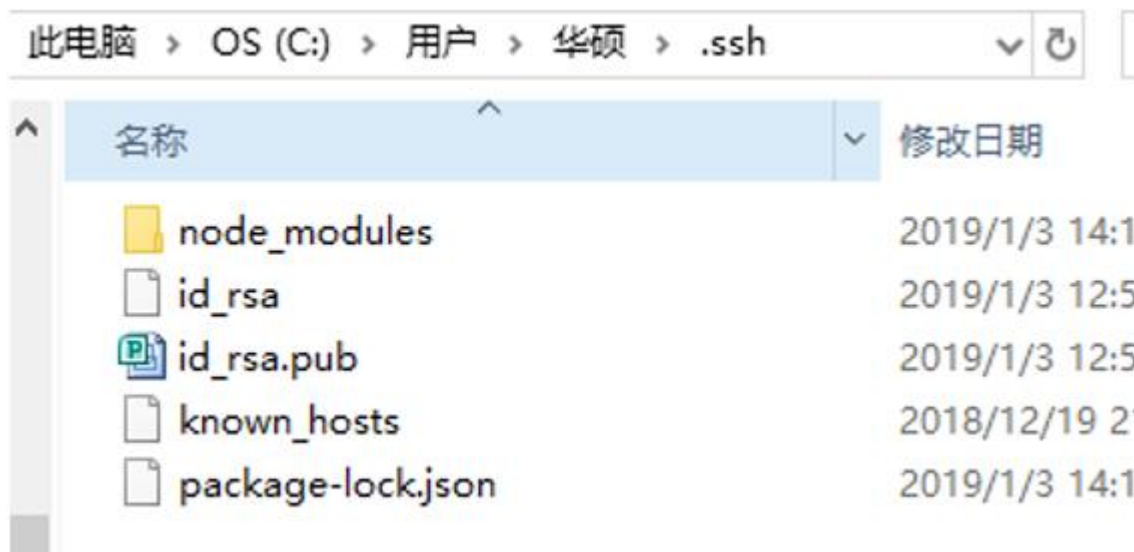
- 输入 `ssh-add ~/.ssh/id_rsa`，添加生成的SSH key到“ssh-agent”。

```
fengxiong@shuaigefeng MINGW64 ~/.ssh
$ ssh-add ~/.ssh/id_rsa
Identity added: /c/Users/fengxiong/.ssh/id_rsa (/c/Users/feng
```

8. 登录Github，点击头像下的settings，添加ssh。



9. 找到 `.ssh` 文件夹，用记事本打开 `id_rsa.pub` 文件，将内容复制上去。



10. 输入 `ssh -T git@github.com`，测试是否成功添加.ssh。若Hi后显示你的用户名，则说明添加成功。

```
fengxiong@shuaigefeng MINGW64 ~/.ssh
$ ssh -T git@github.com
Warning: Permanently added the RSA host key for IP address '192.168.1.1'.
Hi CruxF! You've successfully authenticated, but GitHub does not
allow access.
```

问题：假如ssh-key配置失败，那么只要以下步骤就能完全解决

1. 首先，清除所有的 `key-pair`、`ssh-add -D`、`rm -r ~/.ssh`，删除你在github中的public-key;
2. 重新生成ssh密钥对 `ssh-keygen -t rsa -C "xxx@xxx.com"`;
3. 在github上添加公钥public-key:
 - 在你的终端运行 `xclip -sel c ~/.ssh/id_rsa.pub`，将公钥内容复制到剪贴板;

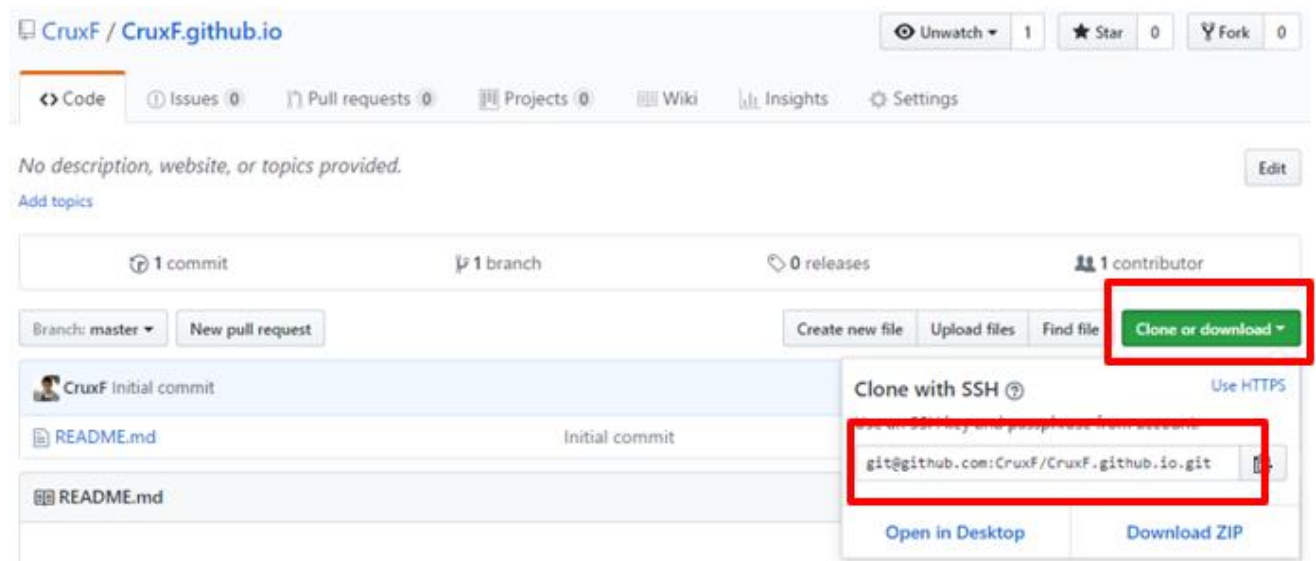
- 在github上添加公钥时，直接复制即可；
- 保存。

4. 测试：

在终端 `ssh -T [git@github.com]` (<mailto:git@github.com>)配置Deployment，在其文件夹中，找到"_config.yml"文件，用Visual Studio Code打开，修改repo值（在末尾）

```
79  deploy:
80      type: git
81      repository: git@github.com:CruxF/CruxF.github.io.git
82      branch: master
83
```

repo值是你github项目里的ssh（右下角）



新建一篇博客，输入hexo new “博客名”

```
suntar@suntar MINGW64 /d/hexo
$ hexo new "Welcome"
INFO  Created: D:\hexo\source\_posts\Welcome.md

suntar@suntar MINGW64 /d/hexo
$ |
```

这时候在文件夹_posts目录下将会看到已经创建的文件



在生成以及部署文章之前，需要安装一个扩展：

`npm install hexo-deployer-git --save`

```
suntar@suntar MINGW64 /d/hexo
$ npm install hexo-deployer-git --save
npm WARN deprecated swig@1.4.2: This package is no longer maintained
npm WARN optional SKIPPING OPTIONAL DEPENDENCY: fsevents@1.2.4 (node_modules\fs
vents):
npm WARN notsup SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for fsevents
1.2.4: wanted {"os":"darwin","arch":"any"} (current: {"os":"win32","arch":"x64"
})
+ hexo-deployer-git@0.3.1
added 31 packages from 36 contributors and audited 5874 packages in 16.422s
found 1 low severity vulnerability
  run `npm audit fix` to fix them, or `npm audit` for details
```

使用编辑器编好文章，那么就可以使用命令：`hexo d -g`，生成以及部署了

```
suntar@suntar MINGW64 /d/hexo
$ hexo d -g
INFO Start processing
INFO Files loaded in 295 ms
INFO 0 files generated in 545 ms
INFO Deploying: git
INFO Setting up Git deployment...
Initialized empty Git repository in D:/hexo/.deploy_git
[master (root-commit) 7b285a6] First commit
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 placeholder
```

如果看到最后显示INFO Deploy done: git，说明博客已经部署成功

```
MINGW64:/f/Hexo
WARN No layout: archives/2019/01/index.html
WARN No layout: index.html
INFO Generated: index.html
INFO Generated: archives/index.html
INFO Generated: archives/2019/01/index.html
INFO Generated: archives/2019/index.html
INFO Generated: 2019/01/03/hello-world/index.html
INFO Generated: 2019/01/03/resume/index.html
INFO 6 files generated in 60 ms
INFO Deploying: git
INFO Clearing .deploy_git folder...
INFO Copying files from public folder...
INFO Copying files from extend dirs...
[master 6bfc5b8] Site updated: 2019-01-03 15:16:11
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 2019/01/03/resume/index.html
Branch 'master' set up to track remote branch 'master' from 'git@github.com:TainFnag/TainFnag.github.io.git'.
To github.com:TainFnag/TainFnag.github.io.git
3cc1b81..6bfc5b8 HEAD -> master
INFO Deploy done: git
```

github pages可能会存在延时，过几分钟后，就可以通过username.github.io去访问博客了！

第二章 修改主题

1. 进入 <https://hexo.io/themes/> 官方网站。



BlueLake

A responsive , simple theme for Hexo.

#responsive #multi-languages #two_column #blog
#simple #mobile #light #jade #stylus

chaooo / hexo-theme-BlueLake

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A simple theme for Hexo with great performance on different devices .

50 commits

1 branch

6 releases

2 contributors

MIT

Branch: master

New pull request

Create new file

Upload files

Find file

Clone or download

chaooo Merge pull request #45 from kengdingxiaoman/patch-1

Latest commit ee8297e on Jan 10 2018











languages	add hits	2 years ago
layout	解决访问fonts.css.network超时的问題	a year ago
source	add hits	2 years ago
LICENSE	Initial commit	2 years ago

安装

安装主题和渲染:

```
$ git clone https://github.com/chao00/hexo-theme-BlueLake.git themes/BlueLake
$ npm install hexo-renderer-jade@0.3.0 --save
$ npm install hexo-renderer-stylus --save
```

2. 在Hexo配置文件 `hexo/_config.yml` 中把主题设置修改为 `BlueLake`。

名称	修改日期	类型
 <code>.deploy_git</code>	2019/1/3 15:35	文件夹
 <code>node_modules</code>	2019/1/3 15:34	文件夹
 <code>scaffolds</code>	2019/1/3 12:34	文件夹
 <code>source</code>	2019/1/3 12:34	文件夹
 <code>themes</code>	2019/1/3 15:52	文件夹
 <code>.gitignore</code>	2019/1/3 12:34	文本文档
 <code>_config.yml</code>	2019/1/3 14:09	YML 文件
 <code>db.json</code>	2019/1/3 15:51	JSON 文件
 <code>package.json</code>	2019/1/3 14:16	JSON 文件
 <code>package-lock.json</code>	2019/1/3 14:16	JSON 文件

```
# Extensions
## Plugins: https://hexo.io/plugins/
## Themes: https://hexo.io/themes/
theme: BlueLake
```

3. 输入 `cd themes/BlueLake`

```
git pull
```

```
华硕@ASUS MINGW64 /f/Hexo
$ cd themes/BlueLake

华硕@ASUS MINGW64 /f/Hexo/themes/BlueLake (master)
$ git pull
Already up to date.
```

4. 输入 `hexo d -g`

```
MINGW64:/f/Hexo
WARN No layout: archives/2019/01/index.html
WARN No layout: index.html
INFO Generated: index.html
INFO Generated: archives/index.html
INFO Generated: archives/2019/01/index.html
INFO Generated: archives/2019/index.html
INFO Generated: 2019/01/03/hello-world/index.html
INFO Generated: 2019/01/03/resume/index.html
INFO 6 files generated in 60 ms
INFO Deploying: git
INFO Clearing .deploy_git folder...
INFO Copying files from public folder...
INFO Copying files from extend dirs...
[master 6bfc5b8] Site updated: 2019-01-03 15:16:11
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 2019/01/03/resume/index.html
Branch 'master' set up to track remote branch 'master' from 'git@github.com:TainFnag/TainFnag.github.io.git'.
To github.com:TainFnag/TainFnag.github.io.git
3ee1b84..6bfc5b8 HEAD -> master
INFO Deploy done: git
```

即可访问你的网站!

