



链滴

Npm_Github_Action 实例

作者: [someone61489](#)

原文链接: <https://ld246.com/article/1603261419383>

来源网站: [链滴](#)

许可协议: [署名-相同方式共享 4.0 国际 \(CC BY-SA 4.0\)](#)

Yml

```
name: deploy
on: [release]
jobs:
  build:
    name: building
    runs-on: ubuntu-16.04
    steps:
      - uses: actions/checkout@v2
      - uses: actions/setup-node@v2-beta
        with:
          node-version: "14"
      - run: npm install
      - run: npm run build
      - uses: appleboy/scp-action@master
        with:
          host: ${ secrets.REMOTE_HOST }
          username: ${ secrets.REMOTE_USER }
          password: ${ secrets.PASSWORD }
          port: ${ secrets.PORT }
          source: ".nuxt"
          target: ${ secrets.REMOTE_TARGET }
      - uses: docker://evaneos/ssh-action:0.1.0
        with:
          host: ${ secrets.REMOTE_HOST }
          private-key: ${ secrets.SERVER_SSH_KEY }
          user: ${ secrets.REMOTE_USER }
          port: ${ secrets.PORT }
          password: ${ secrets.PASSWORD }
          commands: ~/build.sh
```

如何工作?

on: [release]

当项目release了新版本触发action

name: building
runs-on: ubuntu-16.04

名称是Action Page用来显示用的, runs-on表示 job 在什么样子的系统上运行

steps:
- uses: actions/checkout@v2

checkout code的action

一个job的具体工作, uses饮用别人写好的action, 具体action作用可以在<https://github.com/actions>/ 搜罗, 比如我需要scp文件那就搜scp, 然后根据readme进行配置即可

- uses: actions/setup-node@v2-beta
 with:

- node-version: "14"
- run: npm install
- run: npm run build

nodejs 相关的action,由于项目类型为nodejs所以用这个, with是传入一些变量,两个run 安装依赖并包

- uses: appleboy/scp-action@master
- with:
 - host: \${ secrets.REMOTE_HOST }
 - username: \${ secrets.REMOTE_USER }
 - password: \${ secrets.PASSWORD }
 - port: \${ secrets.PORT }
 - source: ".nuxt"
 - target: \${ secrets.REMOTE_TARGET }

由于代码开源所以host,username,password这种数据不可能明文写出,所以需要从项目配置里取

The screenshot shows the GitHub interface for the repository 'rymcu / nebula'. The top navigation bar includes links for Code, Pull requests, Actions, Projects, Wiki, Security, Insights, and Settings. A red arrow points to the Settings link. Below the navigation bar, the repository details show the current branch (master) and a list of files. Another red arrow points to the 'Secrets' option in the left sidebar. The main content area displays the 'Secrets' page, which explains that secrets are encrypted environment variables. A table lists repository secrets: PASSWORD, PORT, REMOTE_HOST, REMOTE_TARGET, REMOTE_USER, and SERVER_SSH_KEY, each with an 'Update' and 'Remove' button. A third red arrow points to the 'New secret' button.

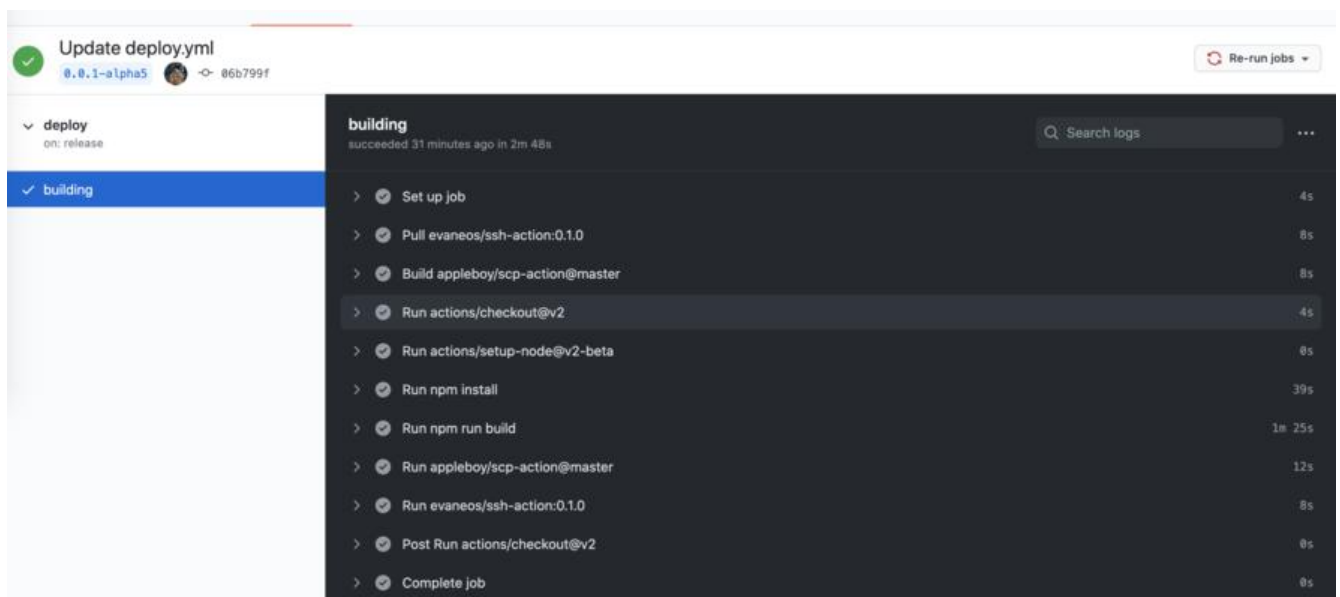
Secret Name	Updated	Update	Remove
PASSWORD	Updated 4 hours ago	Update	Remove
PORT	Updated 4 hours ago	Update	Remove
REMOTE_HOST	Updated 5 hours ago	Update	Remove
REMOTE_TARGET	Updated 3 hours ago	Update	Remove
REMOTE_USER	Updated 5 hours ago	Update	Remove
SERVER_SSH_KEY	Updated 4 hours ago	Update	Remove

这个action主要是将第一步打包好的静态文件scp至我们的服务器上待用

```
- uses: docker://evaneos/ssh-action:0.1.0
  with:
    host: ${ secrets.REMOTE_HOST }
    private-key: ${ secrets.SERVER_SSH_KEY }
    user: ${ secrets.REMOTE_USER }
    port: ${ secrets.PORT }
    password: ${ secrets.PASSWORD }
    commands: ~/build.sh
```

这个action用来ssh到我们的服务器执行commands，由于静态文件已经放入服务器，build.sh我们要将文件放到合适的地方重启服务就好了,至于ssh的公钥和私钥请自行google

效果展示



The screenshot shows the GitHub Actions interface for a workflow named 'Update deploy.yml'. The 'building' job is selected and its logs are displayed. The job status is 'succeeded 31 minutes ago in 2m 48s'. The logs show a sequence of steps: 'Set up job' (4s), 'Pull evaneos/ssh-action:0.1.0' (8s), 'Build appleboy/scp-action@master' (8s), 'Run actions/checkout@v2' (4s), 'Run actions/setup-node@v2-beta' (0s), 'Run npm install' (39s), 'Run npm run build' (1m 25s), 'Run appleboy/scp-action@master' (12s), 'Run evaneos/ssh-action:0.1.0' (8s), 'Post Run actions/checkout@v2' (0s), and 'Complete job' (0s).

Step	Duration
Set up job	4s
Pull evaneos/ssh-action:0.1.0	8s
Build appleboy/scp-action@master	8s
Run actions/checkout@v2	4s
Run actions/setup-node@v2-beta	0s
Run npm install	39s
Run npm run build	1m 25s
Run appleboy/scp-action@master	12s
Run evaneos/ssh-action:0.1.0	8s
Post Run actions/checkout@v2	0s
Complete job	0s

```
[haonan@iZbp1dkdcnxs15j673vh4Z ~]$ ls
build.sh  nuxt
[haonan@iZbp1dkdcnxs15j673vh4Z ~]$ _
```