

GITHUB 模拟线上打包并推送镜像至远程仓库

1. 在 github 上创建好仓库，推送相关代码

1. Dockerfile 配置

```
FROM node:16

ENV TZ=Asia/Shanghai
ENV DEBIAN_FRONTEND=noninteractive

RUN apt install -y tzdata
RUN ln -fs /usr/share/zoneinfo/${TZ} /etc/localtime
RUN echo ${TZ} > /etc/timezone
RUN dpkg-reconfigure --frontend noninteractive tzdata

WORKDIR /app

COPY ./package.json /app/package.json
COPY ./build /app/build

RUN npm -g install pnpm
RUN pnpm i --production

CMD ["node", "build"]
```

2. github workflows 配置

```
name: Docker Image CI

on:
  push:
    branches: ["master"]
  pull_request:
    branches: ["master"]

jobs:
  build:
    runs-on: ubuntu-latest

    steps:
      - uses: actions/checkout@v3
      - name: Build the Docker image
        run: |
          docker login --username=${{ secrets.DOCKER_USERNAME }} --
password=${{ secrets.DOCKER_PASSWORD }} registry.cn-
beijing.aliyuncs.com
          docker build . --file .server.Dockerfile --tag lily_demo
```

```
docker tag lily_demo registry.cn-  
beijing.aliyuncs.com/medomino_demo/lily_demo  
docker push registry.cn-  
beijing.aliyuncs.com/medomino_demo/lily_demo
```

3. 密钥设置

Actions secrets

New repository secret

Secrets are environment variables that are **encrypted**. Anyone with **collaborator** access to this repository can use these secrets for Actions.

Secrets are not passed to workflows that are triggered by a pull request from a fork. [Learn more](#).

Environment secrets

There are no secrets for this repository's environments.

Encrypted environment secrets allow you to store sensitive information, such as access tokens, in your repository environments.

[Manage your environments and add environment secrets](#)

Repository secrets

DOCKER_PASSWORD	Updated 7 minutes ago	<button>Update</button>	<button>Remove</button>
DOCKER_USERNAME	Updated 7 minutes ago	<button>Update</button>	<button>Remove</button>

2. 推送代码，触发线上打包, 推送至远程仓库

1. 正在打包

All workflows

Showing runs from all workflows

Filter workflow runs

2 workflow runs	Event	Status	Branch	Actor
<div> 1</div> <div>Docker Image CI #10: Commit 4c5afb2 pushed by LQL170</div> <div>master</div> <div><div>10 seconds ago</div><div>In progress</div></div> <div>...</div>				
<div> Create docker-image.yml</div> <div>Docker Image CI #1: Commit c36789a pushed by LQL170</div> <div>master</div> <div><div>3 days ago</div><div>20s</div></div> <div>...</div>				

2. 代码扫描

1 CodeQL #2

Summary

Jobs

- Analyze (javascript)
- Analyze (typeScript)

Analyze (javascript)

succeeded 14 seconds ago in 1m 18s

- Set up job
- Checkout repository
- Initialize CodeQL
- Autobuild
- Perform CodeQL Analysis
- Post Checkout repository
- Complete job

3. 打包成功日志

1 Docker Image CI #10

Summary

Jobs

build

build

succeeded 1 minute ago in 18s

Set up job

Run actions/checkout@v3

```
1  Run actions/checkout@v3
2  Syncing repository: lily/lily
3  Setting Git version info
4  Temporarily overriding HOME='/home/runner/work/_temp/26c8b69-8c88-4607-ac98-954d29b0c9ef' before making global git config changes
5  Adding repository directory to the temporary git global config as a safe directory
6  /usr/bin/git config --global --add safe.directory /home/runner/work/lily/lily
7  Deleting the contents of '/home/runner/work/lily/lily'
8  Initializing the repository
9  Disabling automatic garbage collection
10 Setting up auth
11 Fetching the repository
12 Determining the checkout info
13 Checking out the ref
14 /usr/bin/git log -1 --format='%H'
15 '4c8af024ecba068c21b63cc4e6d0bb20e2be51'
```

Build the Docker image

Post Run actions/checkout@v3

```
1 Post job cleanup
2 /usr/bin/git version
3 git version 2.36.1
4 Temporarily overriding HOME='/home/runner/work/_temp/26c8b69-8c88-4607-ac98-954d29b0c9ef' before making global git config changes
5 Adding repository directory to the temporary git global config as a safe directory
6 /usr/bin/git config --global --add safe.directory /home/runner/work/lily/lily
7 /usr/bin/git config --local --name-only --get-regexp core.sshCommand
8 /usr/bin/git submodule foreach --recursive git config --local --name-only --get-regexp 'core.sshCommand' && git config --local --unset-all 'core.sshCommand' || :
9 /usr/bin/git config --local --name-only --get-regexp http.https://github.com/.extraheader
10 http.https://github.com/.extraheader
11 /usr/bin/git config --local --unset-all http.https://github.com/.extraheader
12 /usr/bin/git submodule foreach --recursive git config --local --name-only --get-regexp 'http.https://github.com/.extraheader' && git config --local --unset-all 'http.https://github.com/.extraheader' || :
```

Complete job

```
1 Cleaning up orphan processes
```

4. 打包成功

All workflows

Showing runs from all workflows

Q Filter workflow runs

2 workflow runs		Event ▾	Status ▾	Branch ▾	Actor ▾
✓ 1	Docker Image CI #10: Commit 4c5afb2 pushed by LQL170	master	2 minutes ago 27s	...	
✓ Create docker-image.yml	Docker Image CI #1: Commit c36789a pushed by LQL170	master	3 days ago 20s	...	

5. 推送镜像成功

<input type="checkbox"/>	版本	镜像ID	状态	Digest	镜像大小
<input type="checkbox"/>	latest	e8a0ffedd2c...	✓ 正常	5eae06fa09952c1ae2015e7417c4b44dca5aeeca167da92d4c14f132079d305b	332.820 MB