

Docker-compose Lnmp环境

1. docker-compose安装

```
curl -L https://github.com/docker/compose/releases/download/1.13.0/docker-compose-`uname -s`-`uname -m` > /usr/local/bin/docker-compose
chmod +x /usr/local/bin/docker-compose
```

2. 下载初始环境

```
git clone https://github.com/yeszao/dnmp.git
```

3. 参考博客

<https://www.awaimai.com/2120.html>

4. 更换docker源站地址

对于Docker 1.10+，打开配置文件 /etc/docker/daemon.json（没有时新建该文件）：

```
{
  "registry-mirrors": ["https://6evg8u3r.mirror.aliyuncs.com"]
}
```

以上加速地址可以自己去阿里云注册后会自动生成一个

然后重启Docker Daemon：

```
sudo systemctl daemon-reload
sudo systemctl restart docker
```

5. yml文件 docker-compose.yml(这里增加redis 和phpadmin方便管理)

```
root@master:/home/huzhong/dnmp# cat docker-compose.yml
nginx:
```

```
  image: nginx:alpine
  ports:
    - "80:80"
    - "443:443"
  volumes:
    - ./www:/var/www/html:rw
    - ./conf/nginx/conf.d:/etc/nginx/conf.d:ro
    - ./conf/nginx/nginx.conf:/etc/nginx/nginx.conf:ro
    - ./log/nginx:/var/log/nginx:rw
  container_name : nginx
  links:
    - php72:fpm
  restart : always
```

php72:

```
  build: ./php/php72/
  expose:
    - "9000"
  volumes:
    - ./www:/var/www/html:rw
```

```

- ./conf/php/php.ini:/usr/local/etc/php/php.ini:ro
- ./conf/php/php-fpm.d/www.conf:/usr/local/etc/php-fpm.d/www.conf:rw
- ./log/php-fpm:/var/log/php-fpm:rw
container_name : php72
links:
- mysql:mysql
- redis:redis
restart : always

```

```

mysql:
  image: mysql:5.7
  ports:
    - "3306:3306"
  volumes:
    - ./conf/mysql/my.cnf:/etc/mysql/my.cnf:rw
    - ./mysql:/var/lib/mysql:rw
    - ./log/mysql:/var/log/mysql:rw
  container_name : mysql
  environment:
    MYSQL_ROOT_PASSWORD: "123456"
  restart : always

```

```

phpmyadmin :
  image : phpmyadmin/phpmyadmin
  container_name : myadmin
  volumes:
    - /sessions
  ports :
    - 8080:80
  environment :
    - PMA_ARBITRARY=1
    - TESTSUITE_PASSWORD=123456
  links :
    - mysql
  restart: always

```

```

redis:
  image: redis:latest
  ports:
    - "6379:6379"

```

6. 运行命令自动构建容器

```
docker-compose up -d
```

7. 查看状态

```

root@master:/home/huzhong/dnmp# docker-compose ps

```

Name	Ports	Command	State
dnmp_redis_1	docker-entrypoint.sh redis ...	Up	0.0.0.0:6379->6379/tcp
myadmin	/run.sh phpmyadmin	Up	0.0.0.0:8080->80/tcp, 9000/tcp
mysql	docker-entrypoint.sh mysqld	Up	0.0.0.0:3306->3306/tcp
nginx	nginx -g daemon off;	Up	0.0.0.0:443->443/tcp, 0.0.0.0:80->80/tcp
php72	docker-php-entrypoint php-fpm	Up	9000/tcp

dnmp_20180423.tar.gz	990 KB	2018-04-23	Viman
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