
 docker-compose.yml X

 Dockerfile

tutorials-master > docker > 02-docker-compose >  docker-compose.y

docker-compose.yml (compose-spec.json)

1 version: '3'

2

3 services:

4 product-service:

5 build: ./product

6 volumes:

7 - ./product:/usr/src/app

8 ports:

9 - 5001:80

10

11 website:

12 image: php:apache

13 volumes:

14 - ./website:/var/www/html

15 ports:

16 - 5000:80

17 depends_on:

18 - product-service

19

EXPLORER

OPEN EDITORS

docker-compose.yml

tutorials-master...

Dockerfile

tutorials-master\docker...

DOCKERCOMPOSE

tutorials-master

docker

01-getting-started

src

Dockerfile

README.md

02-docker-compose

product

website

docker-compose.yml

README.md

03-deployment

go

home-automation

html

LICENSE.md

README.md

docker-compose.yml

Dockerfile

tutorials-master > docker > 01-getting-started > Dockerfile

1 FROM php:apache

2 COPY src/ /var/www/html/

3 EXPOSE 80

4

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

=> => sha256:e96bc319bce0351d1157092352bc5f85f8800c745388e60e86d06dec99285b45 1.79MB / 1.79MB

=> => sha256:490280dbcfb772eb5731f059e38fcfacae75b4d005af7c249fd51926db2bd62 132B / 132B

=> => extracting sha256:ec825d3308bbf98f708d95475ccd880497a1e2979ff4ef2534d49049a18488f

=> => extracting sha256:06854774e2f35e4763103a446112c67322913a6177bea69eb49663e0166e6dd

=> => extracting sha256:f0db43b9b8da254cebc77bf871006df01219e195b9853616b9f708f124a00f3a

=> => extracting sha256:2d21c767035c4593de8bf7ad9781aa83ba110871d1a50871192f4e3480e6f11d

=> => extracting sha256:e10b68fb77e6e91453cd4c1b02e2d77aa23a857cd8eb250617129d074478e1a5

=> => extracting sha256:e2c0fb34dff3a1d32346b92e53fb88a14d1987b402a2348cb379c039687fabe2

=> => extracting sha256:e96bc319bce0351d1157092352bc5f85f8800c745388e60e86d06dec99285b45

=> => extracting sha256:490280dbcfb772eb5731f059e38fcfacae75b4d005af7c249fd51926db2bd62

=> [internal] load build context

=> => transferring context: 668B

=> [2/2] COPY requirements.txt /usr/src/app/

=> [3/2] RUN pip install --no-cache-dir -r requirements.txt

=> [4/2] COPY . /usr/src/app

=> [5/2] COPY . /usr/src/app

=> exporting to image

=> => exporting layers

=> => writing image sha256:a2587190f124c62bf2d9a8ed61976f4d8e197228396bd7d77ccf1db7accdff09

=> => naming to docker.io/library/02-docker-compose_product-service

Use 'docker scan' to run Snyk tests against images to find vulnerabilities and learn how to fix them

[+] Running 3/3

- Network 02-docker-compose_default Created

- Container 02-docker-compose-product-service-1 Started

- Container 02-docker-compose-website-1 Started

PS F:\dockercompose\tutorials-master\docker\02-docker-compose>

Welcome to my shop

- Ice cream
- Chocolate
- Fruit
- Eggs

```
{  
  "products": [  
    "Ice cream",  
    "Chocolate",  
    "Fruit",  
    "Eggs"  
  ]  
}
```



02-docker-compose

RUNNING



02-docker-compose-website-1 [php:apache](#)

RUNNING PORT: 5000



02-docker-compose-product-service-1 [02-docker-com...](#)

RUNNING PORT: 5001

```
app > 🐳 docker-compose.yml > {} services
```

```
1  version: "3.7"
2
3  services:
4    app:
5      image: node:12-alpine
6      command: sh -c "yarn install && yarn run dev"
7      ports:
8        - 3001:3000
9      working_dir: /app
10     volumes:
11       - ./:/app
12     environment:
13       MYSQL_HOST: mysql
14       MYSQL_USER: root
15       MYSQL_PASSWORD: secret
16       MYSQL_DB: todos
17     mysql:
18       image: mysql:5.7
19       volumes:
20         - todo-mysql-data:/var/lib/mysql
21       environment:
22         MYSQL_ROOT_PASSWORD: secret
23         MYSQL_DATABASE: todos
24   volumes:
25     todo-mysql-data:
26
```

Search...



objective_germain [ubuntu](#)
RUNNING



zealous_morse [mysql:5.7](#)
RUNNING



strange_pasteur [nicolaka/netsho...](#)
EXITED (0)



musing_mccarthy [node:12-alpine](#)
RUNNING PORT: 3000



kind_lamport [node:12-alpine](#)
RUNNING PORT: 3002



sweet_gauss [mysql:5.7](#)
EXITED (1)



app
RUNNING



app-app-1 [node:12-alpine](#)
RUNNING PORT: 3001



app-mysql-1 [mysql:5.7](#)
RUNNING

```

PS C:\Users\hp\Downloads\getting-started-master\app> docker-compose version
Docker Compose version v2.2.3
PS C:\Users\hp\Downloads\getting-started-master\app> docker run -dp 3002:3000 `
>> -w /app -v "$(pwd):/app" `
>> --network todo-app `
>> -e MYSQL_HOST=mysql `
>> -e MYSQL_USER=root `
>> -e MYSQL_PASSWORD=secret `
>> -e MYSQL_DB=todos `
>> node:12-alpine `
>> sh -c "yarn install && yarn run dev"
0cfe60f4c63eddd88f47255f3daa2f69bd3b8de43fecab37366ade193531cb50
PS C:\Users\hp\Downloads\getting-started-master\app> docker run -d `
>> --network todo-app --network-alias mysql `
>> -v todo-mysql-data:/var/lib/mysql `
>> -e MYSQL_ROOT_PASSWORD=secret `
>> -e MYSQL_DATABASE=todos `
>> mysql:5.7
1d95c9f1512692a920096d20cd94928c1b6cc63fe398b131c02514da4554ec41
PS C:\Users\hp\Downloads\getting-started-master\app> docker-compose up -d
[+] Running 4/4
 - Network app_default          Created                2.1s
 - Volume "app_todo-mysql-data" Created                0.2s
 - Container app-app-1          Started              15.8s
 - Container app-mysql-1        Started              15.0s
PS C:\Users\hp\Downloads\getting-started-master\app> docker-compose logs -f
app-app-1 | yarn install v1.22.17
app-app-1 | [1/4] Resolving packages...
app-app-1 | warning Resolution field "ansi-regex@5.0.1" is incompatible with requested version "ansi-regex@^2.0.0"
app-app-1 | warning Resolution field "ansi-regex@5.0.1" is incompatible with requested version "ansi-regex@^3.0.0"
app-app-1 | success Already up-to-date.
app-app-1 | Done in 3.99s.
app-app-1 | yarn run v1.22.17
app-app-1 | $ nodemon src/index.js
app-app-1 | [nodemon] 2.0.13
app-app-1 | [nodemon] to restart at any time, enter `rs`

```