



root@DESKTOP-1IPFIN4: ~/ta



```
root@DESKTOP-1IPFIN4:~# cd task9
```

```
root@DESKTOP-1IPFIN4:~/task9# nano Dockerfile
```

```
root@DESKTOP-1IPFIN4:~/task9# nano docker-compose.dev.yml
```

GNU nano 6.2

docker-compose.dev.yml

version: '3.8'

services:

spring-petclinic:

build: .

ports:

- "8080:8080"

environment:

- SPRING_PROFILES_ACTIVE=mysql

- MYSQL_URL=jdbc:mysql://mysql:3306/petclinic

- MYSQL_USER=petclinic

- MYSQL_PASS=petclinic

depends_on:

- mysql

mysql:

image: mysql:8.0

ports:

- "3306:3306"

environment:

- MYSQL_ROOT_PASSWORD=

- MYSQL_ALLOW_EMPTY_PASSWORD=true

- MYSQL_USER=petclinic

- MYSQL_PASSWORD=petclinic

- MYSQL_DATABASE=petclinic

volumes:

- mysql_data:/var/lib/mysql

volumes:

mysql_data:



```
version: '3.8'
```

```
services:
```

```
  spring-petclinic:
```

```
    build: .
```

```
    ports:
```

```
      - "8080:8080"
```

```
    environment:
```

```
      - SPRING_PROFILES_ACTIVE=postgres
```

```
      - POSTGRES_URL=jdbc:postgresql://postgres:5432/petclinic
```

```
      - POSTGRES_USER=petclinic
```

```
      - POSTGRES_PASS=petclinic
```

```
    depends_on:
```

```
      - postgres
```

```
postgres:
```

```
  image: postgres:13
```

```
  ports:
```

```
    - "5432:5432"
```

```
  environment:
```

```
    - POSTGRES_DB=petclinic
```

```
    - POSTGRES_USER=petclinic
```

```
    - POSTGRES_PASSWORD=petclinic
```

```
  volumes:
```

```
    - postgres_data:/var/lib/postgresql/data
```

```
volumes:
```

```
  postgres_data:
```

GNU nano 6.2

Dockerfile

```
FROM ubuntu:latest
```

```
ENV DEBIAN_FRONTEND=noninteractive
```

```
RUN apt-get update && \  
    apt-get install -y openjdk-17-jdk git maven curl && \  
    apt-get clean
```

```
WORKDIR /app
```

```
RUN git clone https://github.com/dockersamples/spring-petclinic-docker.git
```

```
WORKDIR /app/spring-petclinic-docker
```

```
RUN ./mvnw package
```

```
EXPOSE 8080
```

```
ENV APP_VERSION="1.0.0"
```

```
RUN echo "Running Spring Petclinic version $APP_VERSION"
```

```
CMD ["java", "-jar", "target/spring-petclinic-2.7.0-SNAPSHOT.jar"]
```

```
root@DESKTOP-1IPFIN4:~/task9# docker compose -f docker-compose.prod.yml up -d
WARN[0000] /root/task9/docker-compose.prod.yml: 'version' is obsolete
[+] Building 1274.6s (11/11) FINISHED
=> [spring-petclinic internal] load build definition from Dockerfile
=> => transferring dockerfile: 507B
=> [spring-petclinic internal] load metadata for docker.io/library/ubuntu:latest
=> [spring-petclinic internal] load .dockerignore
=> => transferring context: 2B
=> CACHED [spring-petclinic 1/7] FROM docker.io/library/ubuntu:latest
=> [spring-petclinic 2/7] RUN apt-get update && apt-get install -y openjdk-17-jdk git maven curl && apt-get clean
=> [spring-petclinic 3/7] WORKDIR /app
=> [spring-petclinic 4/7] RUN git clone https://github.com/dockersamples/spring-petclinic-docker.git
=> [spring-petclinic 5/7] WORKDIR /app/spring-petclinic-docker
=> [spring-petclinic 6/7] RUN ./mvnw package
=> [spring-petclinic 7/7] RUN echo "Running Spring Petclinic version 1.0.0"
=> [spring-petclinic] exporting to image
=> => exporting layers
=> => writing image sha256:1c0ca393af1b96e5eaafbbf6a008f5ee0ed253caefbda851eb304de1d3c88d86
=> => naming to docker.io/library/task9-spring-petclinic
[+] Running 2/2
✔Container task9-postgres-1 Started
✔Container task9-spring-petclinic-1 Started
root@DESKTOP-1IPFIN4:~/task9# docker ps
```

CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS	PORTS	NAMES
1c94c1a592f8	task9-spring-petclinic	"java -jar target/sp..."	4 minutes ago	Up 4 minutes	0.0.0.0:8080->8080/tcp, :::8080->8080/tcp	task9-spring-petclinic-1
402a28b5cd09	postgres:13	"docker-entrypoint.s..."	4 minutes ago	Up 4 minutes	0.0.0.0:5432->5432/tcp, :::5432->5432/tcp	task9-postgres-1

```
CONTAINER ID   IMAGE          COMMAND          CREATED        STATUS        PORTS          NAMES
root@DESKTOP-1IPFIN4:~/task9# docker compose -f docker-compose.dev.yml up -d
WARN[0000] /root/task9/docker-compose.dev.yml: `version` is obsolete
[+] Running 3/3
  ✓ Network task9_default          Created                                0.2s
  ✓ Container task9-mysql-1        Started                               0.6s
  ✓ Container task9-spring-petclinic-1 Started                               0.8s
root@DESKTOP-1IPFIN4:~/task9# docker ps
CONTAINER ID   IMAGE          COMMAND          CREATED        STATUS        PORTS          NAMES
264a7d325c6a   task9-spring-petclinic "java -jar target/sp...  4 seconds ago Up 3 seconds  0.0.0.0:8080->8080/tcp, :::8080->8080/tcp task9
-spring-petclinic-1
a50a9433ec80   mysql:8.0     "docker-entrypoint.s...  4 seconds ago Up 3 seconds  0.0.0.0:3306->3306/tcp, :::3306->3306/tcp, 33060/tcp task9
-mysql-1
root@DESKTOP-1IPFIN4:~/task9#
```

