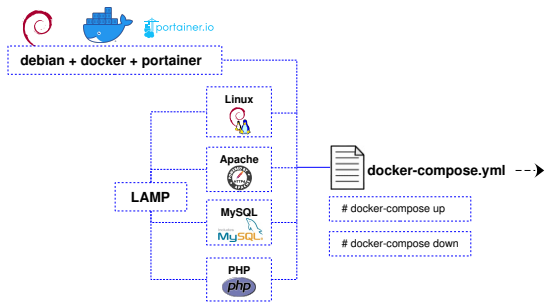


# Cheat-Sheet: debian + docker + portainer → LAMP



```
version: "3.1"
services:
  #https://hub.docker.com/r/portainer/portainer-ce
  PORTAINER:
    image: portainer/portainer-ce:linux-amd64
    container_name: PORTAINER
    restart: always
    security_opt:
      - no-new-privileges:true
    ports:
      - "9000:9000"
    volumes:
      - /etc/localtime:/etc/localtime:ro
      - /var/run/docker.sock:/var/run/docker.sock:ro
      - portainer_data:/data

  #https://hub.docker.com/_/mysql
  dbLAMP:
    image: mysql
    container_name: dbLAMP
    command: --default-authentication-plugin=mysql_native_password
    restart: always
    environment:
      MYSQL_DATABASE: "lamp"
      MYSQL_ROOT_PASSWORD: "abc123."
    volumes:
      - ./db:/docker-entrypoint-initdb.d
      - ./conf:/etc/mysql/conf.d
      - lib_data:/var/lib/mysql

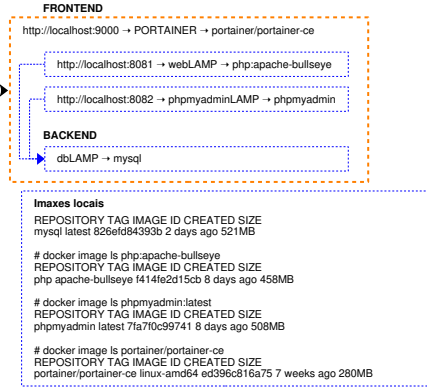
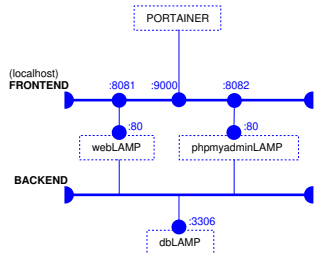
  #https://hub.docker.com/_/php
  webLAMP:
    image: php:apache-bullseye
    container_name: webLAMP
    restart: always
    ports:
      - "8081:80"
    volumes:
      - ./web:/var/www/html
    links:
      - dbLAMP

  #https://hub.docker.com/_/phpmyadmin
  phpmyadminLAMP:
    image: phpmyadmin
    container_name: phpmyadminLAMP
    restart: always
    ports:
      - "8082:80"
    environment:
      PMA_HOST: dbLAMP

volumes:
  lib_data:
  portainer_data:
```

```
docker-compose-lamp-example2.yml

# docker-compose -f docker-compose-lamp-example2.yml up
# docker-compose -f docker-compose-lamp-example2.yml down
```



**Imaxes locals**

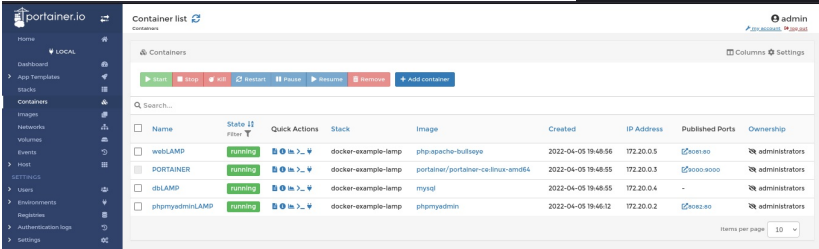
REPOSITORY TAG IMAGE ID CREATED SIZE  
mysql latest 826efd84393b 2 days ago 521MB

# docker image is php:apache-bullseye  
REPOSITORY TAG IMAGE ID CREATED SIZE  
php apache-bullseye f414fe2d15cb 8 days ago 458MB

# docker image is phpmyadmin:latest  
REPOSITORY TAG IMAGE ID CREATED SIZE  
phpmyadmin latest 71a710c99741 8 days ago 508MB

# docker image is portainer/portainer-ce  
REPOSITORY TAG IMAGE ID CREATED SIZE  
portainer/portainer-ce linux-amd64 ed396c816a75 7 weeks ago 280MB

<http://localhost:9000/#/1/2/docker/containers>



Ricardo Feijoo Costa



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