

DEVHINTS.IO





docker-compose cheatsheet



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Basic example

Ports

Commands

```
docker-compose start
docker-compose stop

docker-compose pause
docker-compose unpause

docker-compose ps
docker-compose up
docker-compose down
```

Reference

Building

web: # build from Dockerfile build: . args: # Add build arguments APP_HOME: app # build from custom Dockerfile build: context: ./dir dockerfile: Dockerfile.dev

ports: - "3000" - "8000:80" # host:container # expose ports to linked services (not to host) expose: ["3000"]

Commands

```
# command to execute
command: bundle exec thin -p 3000
command: [bundle, exec, thin, -p, 3000]

# override the entrypoint
entrypoint: /app/start.sh
entrypoint: [php, -d, vendor/bin/phpunit]
```

environment vars environment: RACK_ENV: development environment: - RACK_ENV=development # environment vars from file env_file: .env env_file: [.env, .development.env]

```
# makes the `db` service available as the hostn
# (implies depends_on)
links:
   - db:database
   - redis

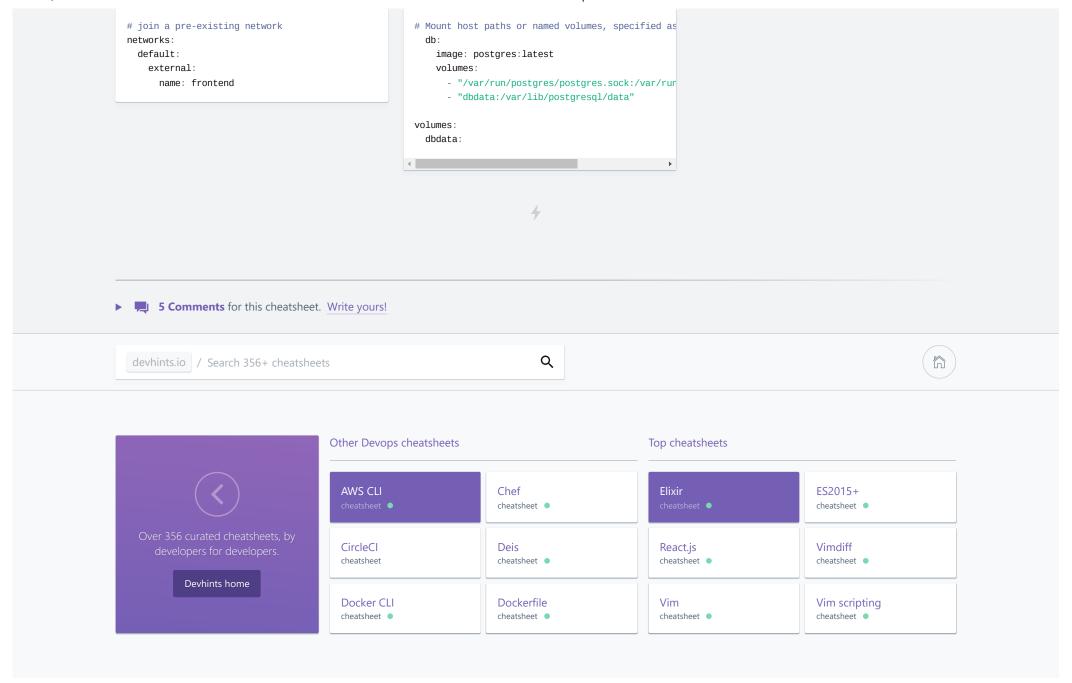
# make sure `db` is alive before starting
depends_on:
   - db
```

Dependencies

Advanced features

```
Labels
                                                     DNS servers
                                                                                                          Devices
  services:
                                                       services:
                                                                                                             services:
    web:
                                                         web:
                                                                                                               web:
     labels:
                                                           dns: 8.8.8.8
                                                                                                                 devices:
       com.example.description: "Accounting web ap
                                                                                                                 - "/dev/ttyUSB0:/dev/ttyUSB0"
                                                           dns:
                                                             - 8.8.8.8
                                                             - 8.8.4.4
                                                                                                          External links
Hosts
                                                     Network
                                                                                                             services:
  services:
                                                                                                               web:
   web:
                                                       # creates a custom network called `frontend`
                                                                                                                 external links:
     extra_hosts:
                                                                                                                  - redis 1
                                                       networks:
       - "somehost:192.168.1.100"
                                                         frontend:
                                                                                                                  - project_db_1:mysql
External network
                                                     Volume
```

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