

# docker-compose Cheat Sheet

## MANAGE APP

### Build images for services

```
docker compose build
```

### Build images from custom file(s)

```
docker compose -f part_4/docker-  
compose.yml build
```

### Build images without cache

```
docker compose build --no-cache
```

### Build, create, start and attach to circus

```
docker compose up
```

### Stop running services

```
docker compose stop
```

### Start existing services

```
docker compose start
```

### Delete stoped containers

```
docker compose down
```

### Pause running service

```
docker compose pause
```

### Un-pause running service

```
docker compose unpause
```

### Execute command on a service

```
docker compose exec SERVICE bash
```

### Execute command interactively :)

```
docker compose exec -it SERVICE  
bash
```

### Execute command on a service

```
docker compose exec SERVICE bash
```

## DOCKER-COMPOSE REFERENCE

Specify VERSION used

```
version: "3.9"
```

Hash of services

```
services:  
  redis: ...  
  app: ...
```

*Each service starts with its name*

Hash of volumes available to services

```
volumes:  
  shared:
```

Hash of volumes available to services

```
volumes:  
  shared:
```

## DOCKER-COMPOSE SERVICE

Specify image service will use

```
image: redis:latest
```

Or specify build arguments

```
build:  
  context: .  
  dockerfile: Dockerfile
```

List services it depends on

```
depends_on:  
  - redis
```

List of exposed ports to other services

```
expose:  
  - 3000
```

List of ports your service publishes

```
ports:  
  - 3000:3000
```

Hash of Environment variables

```
environment:  
  TEST: true
```

List of local environment files

```
env_file:  
  - .env
```

List of volumes

```
volumes:  
  - shared:/shared  
  - ../root/app
```

Override an entry command

```
command: /bin/sh -c "while sleep  
1000; do ;; done"
```