

Creating and Starting

run	Create and run a container from an image
run --rm	Automatically remove the container when it exits
run -d	Run container in background and print container ID
start	Start one or more stopped containers
CTRL+P, CTRL+Q	Detach from container without killing it

compose.yaml

version (optional)
services (optional)
volumes
networks

compose services

image
ports
environment
networks
volumes

Monitoring

images	List local images
ps	To list currently running containers
history	Show the history of an image
inspect	Return low-level information on Docker objects
attach	Attach local standard input, output, and error streams to a running container
stop	Stop one or more running containers
logs	Fetch the logs of a container
exec	Execute a command in a running container

Compose

up	Create and start containers
up -d	Detached mode: Run containers in the background
stop	Stop services
start	Start services
logs	View output from containers
down	Stop and remove containers, networks
down -v	Remove containers, network named volumes declared in the "-volumes" section of the Compose file and anonymous volumes attached to containers.

Networking

run -p	Publish a container's port(s) to the host
run --network	Connect a container to a network
network	Manage networks
network create -d	Driver to manage the Network: none, bridge, host, overlay, macvlan

Dockerfile

FROM	Create a new build stage from a base image
RUN	Execute build commands

Build image

build	Build an image from a Dockerfile
build -t	Name and optionally a tag in the name:tag format

Volumes

run -v	Bind mount a volume
volume create	Create a volume



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 Page 1 of 1.

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