

Overview

<code>docker</code>	Run these docker sub-commands to have an overview of the Docker daemon.
<code>ps</code>	List running containers
<code>ps -a</code>	List all containers
<code>images</code>	List all images
<code>version</code>	Display version
<code>info</code>	Various informations on the Daemon

Building an image

<code>docker build DIR</code>	Build an image from the current directory, by default. Example: <code>docker build -t my-image .</code>
<code>-t</code>	The tag of the built image

Running a container

<code>docker run</code>	Run a container from a given image. <code>docker run IMAGE-NAME</code>
<code>-d</code>	Run in background
<code>-i</code>	Interactive session
<code>-t</code>	TTY
<code>-p H:C</code>	Exposes the port C of the container to the port H of the host
<code>-v H:C</code>	Mount the host path H at the path C in the container
<code>--rm</code>	Remove the container when exited
<code>--name</code>	Give a name to the container

Docker-Compose

<code>docker-compose [command]</code>	Manage the Docker application stack.
<code>up</code>	Run the stack
<code>-d</code>	Run in the background
<code>kill</code>	Kill all the containers or a specific one if precised

Docker-Compose (cont)

<code>scale</code>	Scale the given container with the given amount of replicas. <code>docker-compose scale CONTAINER=REPLICAS</code>
<code>ps</code>	List running containers of the stack
<code>rm</code>	Remove the containers
<code>build</code>	Force (re)build of the stack's containers

Managing a container

<code>docker</code>	Run the following sub-commands followed by the container ID or name. Example: <code>docker kill nginx</code>
<code>logs</code>	Get the logs of the container
<code>--follow</code>	Follow the logs
<code>rm</code>	Remove the container
<code>-f</code>	Force removal of the container
<code>kill</code>	Kill the container
<code>inspect</code>	Inspect the details of a container

dock-cli

<code>dock-cli [command]</code>	Manage the Docker application stack.
<code>start</code>	Start the application stack
<code>ps</code>	List running containers
<code>reset</code>	Reset the given containers
<code>docker:doctor</code>	Run a set of tests about the Docker setup
<code>docker:install</code>	Install Docker and configure it to have direct IP routing and DNS resolution with DnsDock

kubectl

<code>namespace=NAMESPACE</code>	--	Set the command's context
<code>config use-context</code>		Change the current configuration context.
<code>get OBJECT [name]</code>		Get the given object(s). If name is given only get the object with the given name instead of a list. OBJECT can be: pod, rc, service, ds, deployment, pvc, pv, ingresses, ...
	<code>-o yaml</code>	Outputs a YAML instead of printing the details
<code>describe OBJECT NAME</code>		Describe the given object. Will display basics and events.
<code>exec POD COMMAND</code>		Run a given command in a pod. <code>exec -it POD /bin/bash</code>
	<code>-it</code>	Ask for an interactive shell
<code>create -f FILE</code>		Create a resource from the file FILE
<code>delete OBJECT NAME</code>		Delete the object of type OBJECT named NAME
<code>logs POD</code>		Get the logs of the pod named POD
<code>edit OBJECT NAME</code>		Edit the YAML definition of the object