Cheatography

Docker basics Cheat Sheet

by sroze via cheatography.com/30239/cs/8985/

Overview

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

Building an image

`docker build DIR`	Build an image from the current directory, by default. **Example:** `docker build -t my-image .`
`-t`	The tag of the built image

Running a container

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

Docker-Compose

Docker-Compose (cont)

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

Managing a container

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

dock-cli

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

kubectl

`--namespace= NAMESPACE`	Set the comma
`config use-context`	Change the cu uration context
`get OBJECT [name]`	Get the given name is given object with the instead of a lis **OBJECT can b** `rvice`, `ds`, `de` `c`, `pv`, `ingres`
`-o yaml`	Outputs a YAM printing the de
`describe OBJECT NAME`	Describe the g display basics
`exec POD COMMAND`	Run a given co pod. `exec -it PO`
`-it`	Ask for an inte
`create -f FILE`	Create a resou file `FILE`
`delete OBJECT NAME`	Delete the obje `ECT` named `NA`
`logs POD`	Get the logs of named `POD`
`edit OBJECT NAME`	Edit the YAML the object

`docker -co mpose [comman d]`	Manage the Docker application stack.
`up`	Run the stack
`-d`	Run in the background
`kill`	Kill all the containers or a specific one if precised

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