



Docker Management Cheatsheet

Common commands and options for managing images and containers



\$> docker run <image>:<tag>

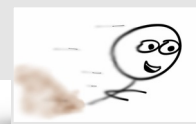
Common options

- name <container name>
- p <local port>:<container port>
- v <local volume>:<container volume>
- d (detached mode)

Run an instance of a Docker image with optional tag to specify a version or feature set.

The image will be downloaded if you don't yet have it.

For a complete list of options see [the Docker run commandline reference](#).



\$> docker start / stop <container>

Common "start" options

- a (attach to stdout / stderr)
- i (interactive mode)

Start and stop a container to manage running apps/ services on the host.

A stopped container retains all the "run" configuration.



\$> docker ps

Common options

- a (all containers, not just running)

List all available containers and any relevant information about them.

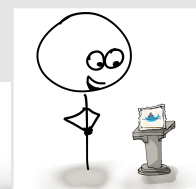


\$> docker images

Common options

- a (all images, including intermediate)

List all available images in your local cache, from which containers can be made.



\$> docker rm <container>

Common options

- f (force; kills running container)
- v (remove associated volumes)

Remove the specified Docker container - not the image from which it was created - permanently.



\$> docker rmi <image>

Common options

- f (force removal of the image)

Remove the specified image - not container - from Docker, permanently.

