Cheatography

Docker Cheat Sheet
by pavel via cheatography.com/21855/cs/4324/

Containers

create	creates a container but does not start it.
run	creates and starts a container in one operation.
stop	stops it.
start	will start it again.
restart	restarts a container.
rm	deletes a container.
kill	sends a SIGKILL to a container.
attach	will connect to a running container.
wait	blocks until container stops.

Info

ps	shows running containers.
logs	gets logs from container.
inspect	looks at all the info on a container (including IP address).
events	gets events from container.
port	shows public facing port of container.
top	shows running processes in container.
stats	shows containers' resource usage statistics.
diff	shows changed files in the container's FS.

Import / Export

cp	copies files or folders out of a container's filesystem.
export	turns container filesystem into tarball archive stream to STDOUT.

Executing Commands

exec	to execute a command in container.

Images

images	shows all images.
import	creates an image from a tarball.
build	creates image from Dockerfile.
commit	creates image from a container.
rmi	removes an image.
insert	inserts a file from URL into image. (kind of odd, you'd think images would be immutable after create)
load	loads an image from a tar archive as STDIN, including images and tags (as of 0.7).
save	saves an image to a tar archive stream to STDOUT with all parent layers, tags & versions (as of 0.7).

Info

history	shows history of image.
tag	tags an image to a name (local or registry).

Registry & Repository

login	to login to a registry.
search	searches registry for image.
pull	pulls an image from registry to local machine.
push	pushes an image to the registry from local machine.

Dockerfile

FROM	<image>:<tag>
MAINTAINER	<name>
RUN	<shell command>
CMD	<command>
EXPOSE	<port>
ENV	<key> <value>
ADD	<src>... <dest>
COPY	<src>... <dest>
ENTRYPOINT	command param1 param2
VOLUME	["/data"]
USER	daemon
WORKDIR	/path/to/workdir
ONBUILD	[INSTRUCTION]