Docker cheat sheet (Last updated 10/03/2015)

Container management

GENERAL NOTES

- Install the docker first :-) *sudo apt-get install docker* or *yum install docker* or *curl -sSL https://get.docker.com/* | *sh*
- You may want to start from basics. Also free training is available here
- To test your docker installation in Ubuntu do *sudo docker run hello-world*
- To retrieve ready made images please visit Docker Hub

LIFECYCLE

docker create	Creates a container but does not start it
docker run	Creates and starts a container in one operation
docker stop	Stops it
docker start	Will start it again
docker restart	Restarts a container
docker rm	Deletes a container
docker kill	Sends a SIGKILL to a container
docker attach	Will connect to a running container
docker wait	Blocks until container stops

INFO

docker ps	Shows running containers. Use *docker ps -a* to show running and stopped containers.
docker logs	Gets logs from container
docker inspect	Looks at all the info on a container (including IP address)
docker events	Gets events from container
docker port	Shows public facing port of container
docker top	Shows running processes in container
docker stats	Shows containers' resource usage statistics
docker diff	Shows changed files in the container's FS
docker history	Shows history of image
docker tag	Tags an image to a name (local or registry)

LIFECYCLE

docker images	Shows all images
docker import	Creates an image from a tarball
docker build	Creates image from Dockerfile
docker commit	Creates image from a container
docker rmi	Removes an image
docker load	Loads an image from a tar archive as STDIN, including images and tags (as of 0.7)
docker save	Saves an image to a tar archive stream to STDOUT with all parent layers, tags & versions (as of 0.7)