Docker cheat sheet Cheat Sheet

by rishabkumar7 via cheatography.com/132291/cs/38939/

General Commands

docker version	Shows the Docker version information
docker info	Display system-wide information
docker help <command>	Shows help for a specific command

Image Commands

docker images	List images
docker pull <image>	Pull an image or a repository from a registry
docker rmi <image>	Remove one or more images

Container Commands

docker ps	Lists running containers
docker ps -a	List all containers (both running and stopped)
docker run <image>	Run a command in a new container
docker start	Start one or more stopped containers
docker restart	Restart one or more containers
docker stop <containe-r>	Stop one or more running containers
docker rm <container>	Remove one or more containers
docker rename	Rename a container

Dockerfile Instructions

FROM	Set the Base Image for subsequent instructions
RUN	Execute any commands in a new layer on top of the current image and commit the results
CMD	Provide defaults for an executing container
EXPOSE	nform Docker that the container listens on the specified network ports at runtime
ENV	Set environment variables
ADD	Copy new files, directories or remote file URLs from <src> and add them to the filesystem of the image at the path <dest>
COPY	Copy new files or directories from <src> and add them to the filesystem of the container at the path <dest>
ENTRYPOINT	Allows you to configure a container that will run as an executable

Dockerfile Instructions (cont)

VOLUME	Create a mount point with the specified name and mark it as holding externally mounted volumes from native host or other containers
USER	Set the user name or UID to use when running the image and for any RUN, CMD and ENTRYPOINT instructions that follow it in the Dockerfile
WORKDIR	Sets the working directory for any RUN, CMD, ENTRYPOINT, COPY and ADD instructions that follow it in the Dockerfile

Dockerfile Commands

docker build -t <tag>	Build an image from a Dockerfile in the current directory
docker tag <image> <tag>	Tag an image to a name (local or registry)

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