Cheatography

Docker Cheat Sheet

by gambit via cheatography.com/69560/cs/17584/

Basic Docker Commands

docker ps	List of live containers
docker ps -a	List all containers
docker info	Retrieves docker configuration
docker version	Retrieves docker versioning
docker build -t <Image>:<-Tag> .	Builds a docker Image from Dockerfile or container
docker push <Image_Name>:<Tag>	Pushes the image to the repo
docker pull<Image_Name->:<Tag>	Pulls the image from the repo

Container Commands

docker inspect <Container>	Inspect a container
docker stats <Container>	Live data stream from container
docker logs <Container>	Retrieves the containers logs
docker run <Container>	Run container
docker kill <Container>	Kill a running container
docker start <Container>	Start container
docker stop <Container>	Stop a running container
docker restart <Container>	Restarts the container
docker rm <Container>	Remove container
docker port <Container>	Lists the port mapping of the container
docker pause <Container>	Suspends all the processes in the container
docker unpause <Container>	Un-suspends all the processes in the container

<Container> can be replaced with the containers **ID or NAME**

Volume Commands

docker volume ls	List volumes
docker volume inspect <Volume>	Inspect volume
docker volume create <Volume>	Create volume
docker volume rm <Volume>	Removes a volume

<Volume> can be replaced with the volume **ID or NAME**

Misc. Commands

Options Keywords

-p, –-publish	Host to container port mapping
--publish-all	Publish all ports
--expose	Expose container port
-d, –-detach	Run in background
-e, –-env	set env vars
-v, --volume	Mount files or directories
-i, --interactive	
-t, --tty	
exec	Run a new command in a container
cp	copy path

These options keywords can be add to most docker commands

Image Commands

docker images	List images
docker run <Image>	runs the image
docker create <Image>:<Tag>	Create image
docker rmi <Image>	Remove image
docker save <Image>	Saves images to a tar archive

Network Commands

docker network ls	List networks
docker network inspect <Network>	Inspect a network
docker network create <Network>	Create a network
docker network rm <Network>	Removes a network
docker network connect <Network> <Container>	Connect a container to the network
docker network connect --ip <IP> <Network> <Container>	Specify the ip address of container interface
docker network disconnect <Netwo-rk_Name> <Container>	Disconnect container from network

<Network> can be replaced with the network **ID or NAME**

docker cp <Container>:<source_path> <dest_path>	Copy from container to host
docker cp <source_path> <Container>:<dest_path>	Copy from host to container
docker exec -ti <Container> <Entrypoint>	Executes the terminal of a live container

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