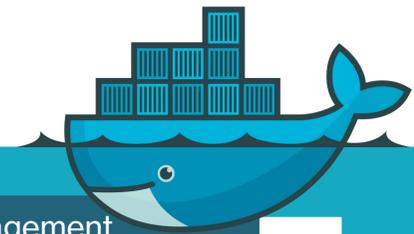


Docker #CheatSheet



Container Management

<code>docker ps</code>	List the running containers.
<code>docker ps -a</code>	List all the containers, both running and stopped.
<code>docker create [image]</code>	Create a container without starting it.
<code>docker create -it [image]</code>	Create an interactive container with pseudo-TTY.
<code>docker rename [container] [new-name]</code>	Rename a container.
<code>docker rm [container]</code>	Remove a stopped container.
<code>docker rm -f [container]</code>	Force remove a container, even if it is running.
<code>docker logs [container]</code>	View logs for a running container.
<code>docker logs -f --until=[interval] [container]</code>	Retrieve logs before a specific point in time.
<code>docker events [container]</code>	View real time events for a container.
<code>docker update [container]</code>	Update the configuration of a container.
<code>docker port [container]</code>	Show port mapping for a container.
<code>docker top [container]</code>	Show running processes in a container.
<code>docker stats [container]</code>	Show live resource usage statistics for a container.
<code>docker diff [container]</code>	Show changes to files or directories on the filesystem.
<code>docker cp [file-path] CONTAINER:[path]</code>	Copy a local file to a directory in a container.



Networking

<code>docker network ls</code>	View available networks.
<code>docker network rm [network]</code>	Remove a network.
<code>docker network inspect [network]</code>	Show information about a network.
<code>docker network connect [network] [container]</code>	Connect a container to a network.
<code>docker network disconnect [network] [container]</code>	Disconnect a container from a network.

General Management

<code>docker login</code>	Log in to a Docker registry.
<code>docker logout</code>	Log out of a Docker registry.
<code>docker inspect [object]</code>	Show low-level information about an object.
<code>docker version</code>	Show the version of the local Docker installation.
<code>docker info</code>	Display information about the system.
<code>docker system prune</code>	Remove unused images, containers, and networks.



Running a Container

<code>docker run [image] [command]</code>	Run a command in a container based on an image.
<code>docker run --name [container-name] [image]</code>	Create, start, and name a container.
<code>docker run -p [host]:[container-port] [image]</code>	Map a host port to a container port.
<code>docker run --rm [image]</code>	Run a container and remove it after it stops.
<code>docker run -d [image]</code>	Run a detached (background) container.
<code>docker run -it [image]</code>	Run an interactive process, e.g., a shell, in a container.
<code>docker start [container]</code>	Start a container.
<code>docker stop [container]</code>	Stop a container.
<code>docker restart [container]</code>	Stop a container and start it again.
<code>docker pause [container]</code>	Pause processes in a running container.
<code>docker unpause [container]</code>	Unpause processes in a running container.
<code>docker wait [container]</code>	Block input until the container stops.
<code>docker kill [container]</code>	Send a SIGKILL signal to stop a container.
<code>docker attach [container]</code>	Attach local standard input, output and error.
<code>docker exec -it [container] [shell]</code>	Run a shell inside a running container.

Image Management

<code>docker build [dockerfile-path]</code>	Create an image from a Dockerfile.
<code>docker build .</code>	Build an image using the files from the current path.
<code>docker build -t [name]:[tag] [location]</code>	Create an image from a Dockerfile and tag it.
<code>docker build -f [file]</code>	Specify a file to build from.
<code>docker pull [image]</code>	Pull an image from a registry.
<code>docker push [image]</code>	Push an image to a registry.
<code>docker import [url/file]</code>	Create an image from a tarball.
<code>docker commit [container] [new-image]</code>	Create an image from a container.
<code>docker tag [image] [image]:[tag]</code>	Tag an image.
<code>docker images</code>	Show all locally stored top level images.
<code>docker history [image]</code>	Show history for an image.
<code>docker rmi [image]</code>	Remove an image.
<code>docker load --image [tar-file]</code>	Load an image from a tar archive file.
<code>docker save [image] > [tar-file]</code>	Save an image to a tar archive file.
<code>docker search [query]</code>	Search Docker Hub for images.
<code>docker image prune</code>	Remove unused images.



Plugin Management

<code>docker plugin enable [plugin]</code>	Enable a Docker plugin.
<code>docker plugin disable [plugin]</code>	Disable a Docker plugin.
<code>docker plugin create [plugin] [path-to-data]</code>	Create a plugin from config.json and rootfs.
<code>docker plugin inspect [plugin]</code>	View details about a plugin.
<code>docker plugin rm [plugin]</code>	Remove a plugin.