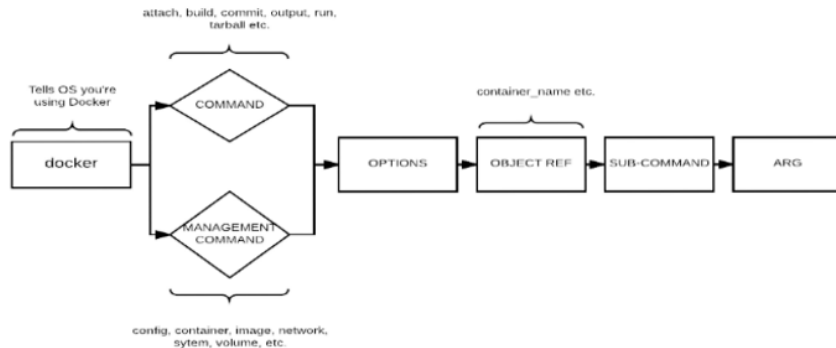


Docker Commands Cheat Sheet



Orchestration

To create and run a container:

```
docker run --name container_name docker_image
```

Other useful flags to attach to the 'docker run' command are:

- d — Detach container on start
- rm — Remove container once it stops
- p — Publish host IP and host port to the container port
- v — Define and share storage volume across containers
- read-only — Sets container to be read only

Clean Up

To clean—or prune—unused (dangling) images:

```
docker image prune
```

To remove all images which are not in use by containers, add -a:

```
docker image prune -a
```

To prune your entire system:

```
docker system prune
```

To leave a swarm:

```
docker swarm leave
```

To remove a swarm: *(Deletes all volume data and database info also!)*

```
docker stack rm stack_name
```

To kill all running containers:

```
docker kill $(docker ps -q)
```

Run

To create and run a container:

```
docker run --name container_name docker_image
```

Other useful flags:

- d — Detach container on start
- rm — Remove container once it stops
- p — Publish host IP and host port to the container port
- v — Define and share volume across containers

--read-only — Sets container to be read only

Build

To pull an image from the Registry, define 'image_name':

```
docker pull image_name:tag
```

To build an image from your Dockerfile:

```
docker build -t image_name:tag
```

If you **don't** want your container to autostart, use:

```
docker create --name container_name image_name:tag
```

Start and stop container commands:

```
docker start container_name
```

```
docker stop container_name
```

Services

To view a list of all the services running in a swarm:

```
docker service ls
```

To see all running services:

```
docker stack services stack_name
```

To see all service logs:

```
docker service logs stack_name_service_name
```

To scale services quickly across qualified nodes:

```
docker service scale stack_name_service_name=replicas
```