docker --version

docker images

docker info

Client:

Version: 19.03.8

API version: 1.40

Go version: go1.12.17

Git commit: afacb8b

Built: Wed Mar 11 01:21:11 2020

OS/Arch: darwin/amd64

Context: default

Experimental: true

Server:

Engine:

Version: 19.03.8

API version: 1.40 (minimum version 1.12)

Go version: go1.12.17

Git commit: afacb8b

Built: Wed Mar 11 01:29:16 2020

OS/Arch: linux/amd64

Experimental: true

containerd:

Version: v1.2.13

GitCommit: 7ad184331fa3e55e52b890ea95e65ba581ae3429

runc:

Version: 1.0.0-rc10

GitCommit: dc9208a3303feef5b3839f4323d9beb36df0a9dd

docker-init:

Version: 0.18.0

GitCommit: fec3683

docker pull

ex: docker pull mysql

docker rmi mysql

docker container logs

docker container kill

docker container rm

docker container run

docker container start

docker login -> to login to docker hub

docker push dockerid/imagename

**container commands**

docker ps ->running containers

docker ps –a -> display containers which are shutdown

docker stop id

docker kill id ->kill the container

docker rm id

docker rmi image

| docker ps | List all running containers |

| docker ps -a | List all containers stopped, running |

| docker stop container-id | Stop the container which is running |

| docker start container-id | Start the container which is stopped |

| docker restart container-id | Restart the container which is running |

| docker port container-id | List port mappings of a specific container |

| docker rm container-id or name | Remove the stopped container |

| docker rm -f container-id or name| Remove the running container forcefully |

| docker pull image-info | Pull the image from docker hub repository |

| docker pull stacksimplify/springboot-helloworld-rest-api:2.0.0-RELEASE | Pull the image from docker hub repository |

| docker exec -it container-name /bin/sh | Connect to linux container and execute commands in container |

| docker rmi image-id | Remove the docker image |

| docker logout | Logout from docker hub |

| docker login -u username -p password | Login to docker hub |

| docker stats | Display a live stream of container(s) resource usage statistics |

| docker top container-id or name | Display the running processes of a container |

| docker version | Show the Docker version information |

docker pull ubuntu

ex: docker pull mysql

docker rmi mysql

| Command | Description |
| --- | --- |
| [docker container attach](https://docs.docker.com/engine/reference/commandline/container_attach/) | Attach local standard input, output, and error streams to a running container |
| [docker container commit](https://docs.docker.com/engine/reference/commandline/container_commit/) | Create a new image from a container’s changes |
| [docker container cp](https://docs.docker.com/engine/reference/commandline/container_cp/) | Copy files/folders between a container and the local filesystem |
| [docker container create](https://docs.docker.com/engine/reference/commandline/container_create/) | Create a new container |
| [docker container diff](https://docs.docker.com/engine/reference/commandline/container_diff/) | Inspect changes to files or directories on a container’s filesystem |
| [docker container exec](https://docs.docker.com/engine/reference/commandline/container_exec/) | Run a command in a running container |
| [docker container export](https://docs.docker.com/engine/reference/commandline/container_export/) | Export a container’s filesystem as a tar archive |
| [docker container inspect](https://docs.docker.com/engine/reference/commandline/container_inspect/) | Display detailed information on one or more containers |
| [docker container kill](https://docs.docker.com/engine/reference/commandline/container_kill/) | Kill one or more running containers |
| [docker container logs](https://docs.docker.com/engine/reference/commandline/container_logs/) | Fetch the logs of a container |
| [docker container ls](https://docs.docker.com/engine/reference/commandline/container_ls/) | List containers |
| [docker container pause](https://docs.docker.com/engine/reference/commandline/container_pause/) | Pause all processes within one or more containers |
| [docker container port](https://docs.docker.com/engine/reference/commandline/container_port/) | List port mappings or a specific mapping for the container |
| [docker container prune](https://docs.docker.com/engine/reference/commandline/container_prune/) | Remove all stopped containers |
| [docker container rename](https://docs.docker.com/engine/reference/commandline/container_rename/) | Rename a container |
| [docker container restart](https://docs.docker.com/engine/reference/commandline/container_restart/) | Restart one or more containers |
| [docker container rm](https://docs.docker.com/engine/reference/commandline/container_rm/) | Remove one or more containers |
| [docker container run](https://docs.docker.com/engine/reference/commandline/container_run/) | Run a command in a new container |
| [docker container start](https://docs.docker.com/engine/reference/commandline/container_start/) | Start one or more stopped containers |
| [docker container stats](https://docs.docker.com/engine/reference/commandline/container_stats/) | Display a live stream of container(s) resource usage statistics |
| [docker container stop](https://docs.docker.com/engine/reference/commandline/container_stop/) | Stop one or more running containers |
| [docker container top](https://docs.docker.com/engine/reference/commandline/container_top/) | Display the running processes of a container |
| [docker container unpause](https://docs.docker.com/engine/reference/commandline/container_unpause/) | Unpause all processes within one or more containers |
| [docker container update](https://docs.docker.com/engine/reference/commandline/container_update/) | Update configuration of one or more containers |
| [docker container wait](https://docs.docker.com/engine/reference/commandline/container_wait/) | Block until one or more containers stop, then print their exit codes |