

List all the containers in a machine:

docker ps -a

*→ all*

To list all the running container only: (not stopped container)

docker ps

*→ runs*

```
root@ip-172-31-13-125:/home/ubuntu# docker ps -a
```

CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS	PORTS	NAMES
f9baaeaff45d	ubuntu	"/bin/bash"	7 minutes ago	Up 7 minutes		c01

```
root@ip-172-31-13-125:/home/ubuntu# docker ps
```

CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS	PORTS	NAMES
f9baaeaff45d	ubuntu	"/bin/bash"	7 minutes ago	Up 7 minutes		c01

```
root@ip-172-31-13-125:/home/ubuntu# █
```

## how to stop a running container:

docker stop containername

OR

docker stop containerid

```
root@ip-172-31-13-125:/home/ubuntu# docker stop c01  
c01  
root@ip-172-31-13-125:/home/ubuntu# docker ps  
CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES  
root@ip-172-31-13-125:/home/ubuntu# docker ps -a  
CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES  
f9baaeaff45d ubuntu "/bin/bash" 9 minutes ago Exited (137) 27 seconds ago  
root@ip-172-31-13-125:/home/ubuntu#
```

Annotations in red:

- An arrow points from the command "docker stop c01" to the word "c01" in the output.
- An arrow points from the command "docker stop containerid" to the word "c01" in the output.
- An arrow points from the word "status" in the "docker ps" command to the status "Exited (137)" in the output.
- An arrow points from the word "status" in the "docker ps -a" command to the status "Exited (137)" in the output.
- A handwritten note "dist all Running container" is written diagonally across the top right of the terminal window.
- A handwritten note "dist all cont" is written diagonally across the bottom right of the terminal window.
- A handwritten note "dist stop container" is written above the word "c01" in the output.

## how will i start a stopped container:

docker start container name or id

```
root@ip-172-31-13-125:/home/ubuntu# docker start c01
c01
root@ip-172-31-13-125:/home/ubuntu# docker ps
CONTAINER ID        IMAGE       COMMAND       CREATED          STATUS          PORTS     NAMES
f9baaeaff45d      ubuntu      "/bin/bash"   12 minutes ago   Up 2 seconds           c01
root@ip-172-31-13-125:/home/ubuntu#
```