

Logging into the container and Inspecting

```
docker ps -a
```

CONTAINER ID	IMAGE	COMMAND	CREATED
STATUS	PORTS	NAMES	
efd179866fdf	my-httpd:latest	"httpd-foreground"	17
hours ago	Up 23 minutes	0.0.0.0:32770->80/tcp	
my-http-container-with-random-port			
9fdf31d91125	my-httpd:latest	"httpd-foreground"	18
hours ago	Exited (0) 18 hours ago		
my-http-container-10-not-detached-mode			
2ba7e708705c	my-httpd:latest	"httpd-foreground"	18
hours ago	Exited (0) 11 minutes ago		
my-http-container-not-detached-mode			
811683a80a82	my-httpd:latest	"httpd-foreground"	18
hours ago	Exited (0) 18 hours ago		
my-http-container-5-non-detached			
0e20474d75a8	my-httpd:latest	"httpd-foreground"	18
hours ago	Exited (0) 18 hours ago		
my-http-container-4-non-detached			
4fa94aa7a333	my-httpd:latest	"httpd-foreground"	19
hours ago	Exited (0) 19 hours ago		
my-http-container-3-non-detached			
218bc35ba1ff	my-httpd:latest	"httpd-foreground"	19
hours ago	Created		
my-http-container-3			
8b15eb7b5aab	my-httpd:latest	"httpd-foreground"	19
hours ago	Up 19 hours	0.0.0.0:5556->80/tcp	
my-http-container-2			
cf5f8e28a72c	my-httpd:latest	"httpd-foreground"	19
hours ago	Up 19 hours	0.0.0.0:5555->80/tcp	
my-http-container-1			
cde22a5de0cd	hello-world	"/hello"	23
hours ago	Exited (0) 23 hours ago		

jolly_jang

Login into the container

```
docker exec -it cf /bin/bash
```

```
root@cf5f8e28a72c:/usr/local/apache2#
```

To view all process inside container

```
root@cf5f8e28a72c:/usr/local/apache2# ps -ef|grep 1
```

What is a PID with 1 when you launch a docker container. (It will be always the the image which you are running as container)

To view directory inside container

```
docker exec -it cf /bin/bash
```

```
root@cf5f8e28a72c:/usr/local/apache2# cd /usr/local/apache2/htdocs/
```

```
root@cf5f8e28a72c:/usr/local/apache2/htdocs# ls
```

```
index.html pictolearn
```

```

root@cf5f8e28a72c:/usr/local/apache2/htdocs# cd ../conf/
root@cf5f8e28a72c:/usr/local/apache2/conf# ls -l
total 104
drwxr-xr-x 2 root root 4096 Oct 13 07:34 extra
-rw-r--r-- 1 root root 19911 Nov 14 06:22 httpd.conf
-rw-r--r-- 1 root root 13064 Oct 13 07:34 magic
-rw-r--r-- 1 root root 60847 Oct 13 07:34 mime.types
drwxr-xr-x 3 root root 4096 Oct 13 07:34 original

```

#Note that conf file was modified recently

```

root@cf5f8e28a72c:/usr/local/apache2/conf# cat httpd.conf | grep
pictolearn
DocumentRoot "/usr/local/apache2/htdocs/pictolearn"
<Directory "/usr/local/apache2/htdocs/pictolearn">

```

So what we did is we just downloaded httpd image and customised it. So we have our own image.

Remove all the containers and images

Note: To remove an image the corresponding container built from that image will need to be removed. Even if the container is not running.

Tor remove the container it should not be running.

Remove a specific container

docker ps -a

CONTAINER ID	IMAGE	COMMAND	CREATED
811683a80a82	my-httpd:latest	"httpd-foreground"	22 hours ago
my-http-container-5-non-detached	0e20474d75a8	my-httpd:latest	22 hours ago
my-http-container-4-non-detached	4fa94aa7a333	my-httpd:latest	22 hours ago
my-http-container-3-non-detached	218bc35ba1ff	my-httpd:latest	23 hours ago
my-http-container-3	8b15eb7b5aab	my-httpd:latest	23 hours ago
my-http-container-2	cf5f8e28a72c	my-httpd:latest	23 hours ago
my-http-container-1	cde22a5de0cd	hello-world	27 hours ago

docker rm 811683a80a82

811683a80a82

```
docker rm 0e20474d75a8
0e20474d75a8
```

```
docker ps -a
```

CONTAINER ID	IMAGE	COMMAND	CREATED
STATUS	PORTS	NAMES	
4fa94aa7a333	my-httpd:latest	"httpd-foreground"	22
hours ago	Exited (0) 22 hours ago		
my-http-container-3-non-detached			
218bc35ba1ff	my-httpd:latest	"httpd-foreground"	23
hours ago	Created		
my-http-container-3			
8b15eb7b5aab	my-httpd:latest	"httpd-foreground"	23
hours ago	Up 23 hours	0.0.0.0:5556->80/tcp	
my-http-container-2			
cf5f8e28a72c	my-httpd:latest	"httpd-foreground"	23
hours ago	Up 23 hours	0.0.0.0:5555->80/tcp	
my-http-container-1			
cde22a5de0cd	hello-world	"/hello"	27
hours ago	Exited (0) 27 hours ago		
jolly_jang			

Stop all containers

```
docker stop $(docker ps -a -q)
8b15eb7b5aab
cf5f8e28a72c
```

Remove all containers

```
docker rm $(docker ps -a -q)
8b15eb7b5aab
cf5f8e28a72c
```

```
docker images
```

REPOSITORY	TAG	IMAGE ID	CREATED
SIZE			
my-httpd	latest	f9c5fdcb01cc	24 hours
ago	139MB		
hello-world	latest	bf756fb1ae65	10
months ago	13.3kB		

```
docker rmi bf756fb1ae65
```

Untagged: hello-world:latest

Untagged: hello-

world@sha256:8c5aeeb6a5f3ba4883347d3747a7249f491766ca1caa47e5da5dfcf6b9b717c0

Deleted:

sha256:bf756fb1ae65adf866bd8c456593cd24beb6a0a061dedf42b26a993176745f6b

Deleted:

sha256:9c27e219663c25e0f28493790cc0b88bc973ba3b1686355f221c38a36978ac63

```
docker images
```

REPOSITORY	TAG	IMAGE ID	CREATED
my-httpd	latest	f9c5fdcb01cc	24 hours ago
SIZE	139MB		

Remove all images

```
docker rmi $(docker images -q)
```

Untagged: my-httpd:latest

Deleted:

sha256:f9c5fdcb01cc395d9055b01e2d39a837532b3d947cd68a76e2d9fa7b1ba07f8e