


```
Remove one or more containers
[root@ip-172-31-13-251 ~]# docker rm -f $(ps -aq)
ERROR: List of process IDs must follow -q.
***** simple selection ***** ***** selection by list *****
-A all processes -C by command name
-N negate selection -G by real group ID (supports names)
-a all w/ tty except session leaders -U by real user ID (supports names)
-d all except session leaders -g by session OR by effective group name
-e all processes -p by process ID
-T all processes on this terminal -q by process ID (unsorted & quick)
-a all w/ tty, including other users -s processes in the sessions given
-g OBSOLETE -- DO NOT USE -t by tty
-r only running processes -u by effective user ID (supports names)
-x processes w/o controlling ttys U processes for specified users
-t by tty
***** output format ***** ***** long options *****
-o,o user-defined -f full --Group --User --pid --cols --ppid
-j,j job control s signal --group --user --sid --rows --info
-O,O preloaded -o v virtual memory --cumulative --format --deselect
-l,l long u user-oriented --sort --tty --forest --version
-F extra full X registers --heading --no-heading --context
--quick-pid
***** misc options *****
-V,V show version L list format codes f ASCII art forest
-m,m,-L,-T,H threads S children in sum -y change -l format
-M,Z security data c true command name -c scheduling class
-w,w wide output n numeric WCHAN,UID -H process hierarchy
"docker rm" requires at least 1 argument.
See 'docker rm --help'.

Usage: docker rm [OPTIONS] CONTAINER [CONTAINER...]
```

Remove one or more containers

```
[root@ip-172-31-13-251 ~]# service docker status
docker (pid 2640) is running...
[root@ip-172-31-13-251 ~]# docker ps -a
```

CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS	PORTS
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```
[root@ip-172-31-13-251 ~]# docker ps -a
```

CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS	PORTS
71a7b489eala	httpd	"httpd-foreground"	23 hours ago	Exited (0) 17 hours ago	
2df8bc90d335	httpd	"httpd-foreground"	23 hours ago	Exited (0) 17 hours ago	

```
[root@ip-172-31-13-251 ~]# docker run -d -p 8081:8080 httpd
8a4ee0cd62d422da00ddefcdc750accb15fb346d926e0ad50e4973e598642ed8
[root@ip-172-31-13-251 ~]# docker ps -a
```

CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS	PORTS
8a4ee0cd62d4	httpd	"httpd-foreground"	30 seconds ago	Up 29 seconds	80/tcp, 0.0
.0.0:8081->8080/tcp	xenodochial_shockley				
71a7b489eala	httpd	"httpd-foreground"	23 hours ago	Exited (0) 17 hours ago	
2df8bc90d335	httpd	"httpd-foreground"	23 hours ago	Exited (0) 17 hours ago	

```
[root@ip-172-31-13-251 ~]# docker ps -a
```

CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS	PORTS
8a4ee0cd62d4	httpd	"httpd-foreground"	2 minutes ago	Up 2 minutes	80/tcp, 0.0
.0.0:8081->8080/tcp	xenodochial_shockley				
71a7b489eala	httpd	"httpd-foreground"	23 hours ago	Exited (0) 17 hours ago	
2df8bc90d335	httpd	"httpd-foreground"	23 hours ago	Exited (0) 17 hours ago	

```
[root@ip-172-31-13-251 ~]# docker remove `C
[root@ip-172-31-13-251 ~]# docker remove 8a4ee0cd62d4

Usage: docker [OPTIONS] COMMAND

A self-sufficient runtime for containers

Options:
  --config string      Location of client config files (default "/root/.docker")
  -D, --debug           Enable debug mode
```

```

-w,w wide output      n numeric WCHAN,UID -H process hierarchy
"docker rm" requires at least 1 argument.
See 'docker rm --help'.

Usage:  docker rm [OPTIONS] CONTAINER [CONTAINER...]

Remove one or more containers
[root@ip-172-31-13-251 ~]# docker rm -f $(ps -aq)
-bash: ps -aq: command not found
"docker rm" requires at least 1 argument.
See 'docker rm --help'.

Usage:  docker rm [OPTIONS] CONTAINER [CONTAINER...]

Remove one or more containers
[root@ip-172-31-13-251 ~]# docker rm -f $(docker ps -aq)
8a4ee0cd62d4
71a7b489eala
2df8bc90d335
[root@ip-172-31-13-251 ~]# docker run -d -p 8081:8080 tomcat
albfcdbaaacbc19cd35f31790e917bdc1175a76864dc7c75bc51d3b87e6e2466
[root@ip-172-31-13-251 ~]# docker ps -a
CONTAINER ID        IMAGE               COMMAND             CREATED             STATUS              PORTS
albfcdbaaacbc      tomcat             "catalina.sh run"   10 seconds ago      Up 9 seconds       0.0.0.0:8081->8080
/tcp               serene_sammet
[root@ip-172-31-13-251 ~]# docker exec -it albfcdbaaacbc /bin/bash
root@albfcdbaaacbc:/usr/local/tomcat# ls -lrt
total 152
drwxr-xr-x 7 root root    4096 Dec 12 12:07 webapps
-rw-r--r-- 1 root root   16262 Dec 12 12:23 RUNNING.txt
-rw-r--r-- 1 root root    7142 Dec 12 12:23 RELEASE-NOTES
-rw-r--r-- 1 root root    3255 Dec 12 12:23 README.md
-rw-r--r-- 1 root root    1726 Dec 12 12:23 NOTICE
-rw-r--r-- 1 root root   57092 Dec 12 12:23 LICENSE
-rw-r--r-- 1 root root    6090 Dec 12 12:23 CONTRIBUTING.md
-rw-r--r-- 1 root root   19539 Dec 12 12:23 BUILDING.txt

```

```

[root@ip-172-31-13-251 ~]# docker run -d -p 8081:8080 tomcat
albfcdbaaacbc19cd35f31790e917bdc1175a76864dc7c75bc51d3b87e6e2466
[root@ip-172-31-13-251 ~]# docker ps -a
CONTAINER ID        IMAGE               COMMAND             CREATED             STATUS              PORTS
albfcdbaaacbc      tomcat             "catalina.sh run"   10 seconds ago      Up 9 seconds       0.0.0.0:8081->8080
/tcp               serene_sammet
[root@ip-172-31-13-251 ~]# docker exec -it albfcdbaaacbc /bin/bash
root@albfcdbaaacbc:/usr/local/tomcat# ls -lrt
total 152
drwxr-xr-x 7 root root    4096 Dec 12 12:07 webapps
-rw-r--r-- 1 root root   16262 Dec 12 12:23 RUNNING.txt
-rw-r--r-- 1 root root    7142 Dec 12 12:23 RELEASE-NOTES
-rw-r--r-- 1 root root    3255 Dec 12 12:23 README.md
-rw-r--r-- 1 root root    1726 Dec 12 12:23 NOTICE
-rw-r--r-- 1 root root   57092 Dec 12 12:23 LICENSE
-rw-r--r-- 1 root root    6090 Dec 12 12:23 CONTRIBUTING.md
-rw-r--r-- 1 root root   19539 Dec 12 12:23 BUILDING.txt
drwxr-xr-x 2 root root    4096 Dec 29 11:48 temp
drwxr-xr-x 2 root root    4096 Dec 29 11:48 lib
drwxr-sr-x 3 root staff   4096 Dec 29 11:48 native-jni-lib
drwxr-sr-x 3 root staff   4096 Dec 29 11:48 include
drwxr-xr-x 2 root root    4096 Dec 29 11:49 bin
drwxrwxrwx 1 root root    4096 Jan  9 02:14 logs
drwxr-sr-x 1 root root    4096 Jan  9 02:14 conf
drwxrwxrwx 1 root root    4096 Jan  9 02:14 work
root@albfcdbaaacbc:/usr/local/tomcat# cd webapps
root@albfcdbaaacbc:/usr/local/tomcat/webapps# wget https://www.oracle.com/webfolder/technetwork/tutorials/obe/fmw/wls/12c/03-DeployApps/files/benefits.var
--2019-01-09 02:17:21--  https://www.oracle.com/webfolder/technetwork/tutorials/obe/fmw/wls/12c/03-DeployApps/files/benefits.var
Resolving www.oracle.com (www.oracle.com)... 104.122.89.171, 2600:140f:4:19a::366, 2600:140f:4:198::366
Connecting to www.oracle.com (www.oracle.com)|104.122.89.171|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 30750 (30K) [Application/war]
Saving to: 'benefits.var'

```

```

root@albfcdbaaacb:/usr/local/tomcat# cd webapps
root@albfcdbaaacb:/usr/local/tomcat/webapps# wget https://www.oracle.com/webfolder/technetwork/tutorials/obe/fmw/wls/12c/03-DeployApps/files/benefits.war

--2019-01-09 02:17:21-- https://www.oracle.com/webfolder/technetwork/tutorials/obe/fmw/wls/12c/03-DeployApps/files/benefits.war
Resolving www.oracle.com (www.oracle.com)... 104.122.89.171, 2600:140f:4:19a::366, 2600:140f:4:198::366
Connecting to www.oracle.com (www.oracle.com)|104.122.89.171|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 30750 (30K) [Application/war]
Saving to: 'benefits.war'

benefits.war          100%[=====] 30.03K  --.-KB/s    in 0.001s

2019-01-09 02:17:21 (46.5 MB/s) - 'benefits.war' saved [30750/30750]

root@albfcdbaaacb:/usr/local/tomcat/webapps#
root@albfcdbaaacb:/usr/local/tomcat/webapps# exit
exit
[root@ip-172-31-13-251 ~]# docker ps
CONTAINER ID        IMAGE               COMMAND             CREATED             STATUS              PORTS
NAMES
albfcdbaaacb        tomcat             "catalina.sh run"   5 minutes ago       Up 5 minutes        0.0.0.0:8081->8080
/tcp serene_sammet
[root@ip-172-31-13-251 ~]# docker ps albfcdbaaacb mytomcatdemo:1.0
"docker ps" accepts no arguments.
See 'docker ps --help'.

Usage: docker ps [OPTIONS]

List containers
[root@ip-172-31-13-251 ~]# docker commit albfcdbaaacb mytomcatdemo:1.0
sha256:7f5356049633e2b5e94bd67c74b436c67b629482b084d95479d1f399b3d41249
[root@ip-172-31-13-251 ~]# docker ps -a
CONTAINER ID        IMAGE               COMMAND             CREATED             STATUS              PORTS
NAMES
albfcdbaaacb        tomcat             "catalina.sh run"   6 minutes ago       Up 6 minutes        0.0.0.0:8081->8080

```

```

[root@ip-172-31-13-251 ~]# docker commit albfcdbaaacb mytomcatdemo:1.0
sha256:7f5356049633e2b5e94bd67c74b436c67b629482b084d95479d1f399b3d41249
[root@ip-172-31-13-251 ~]# docker ps -a
CONTAINER ID        IMAGE               COMMAND             CREATED             STATUS              PORTS
NAMES
albfcdbaaacb        tomcat             "catalina.sh run"   6 minutes ago       Up 6 minutes        0.0.0.0:8081->8080
/tcp serene_sammet
[root@ip-172-31-13-251 ~]# docker images
REPOSITORY          TAG               IMAGE ID            CREATED             SIZE
mytomcatdemo        1.0              7f5356049633       18 seconds ago     463MB
tomcat               latest           1a51cb5e3006       10 days ago        462MB
httpd                latest           ef1dc54703e2       11 days ago        132MB
[root@ip-172-31-13-251 ~]# docker rm -f $(docker ps -aq)
albfcdbaaacb
[root@ip-172-31-13-251 ~]# docker ps -a
CONTAINER ID        IMAGE               COMMAND             CREATED             STATUS              PORTS
NAMES
[root@ip-172-31-13-251 ~]# docker run -d -p 8082:8080 mytomcatdemo:1.0
ac00c4faa33cd2493704b8cd690d49da8ae431c8f53e47257170b9d75f53357d
[root@ip-172-31-13-251 ~]# docker ps -a
CONTAINER ID        IMAGE               COMMAND             CREATED             STATUS              PORTS
NAMES
ac00c4faa33c        mytomcatdemo:1.0   "catalina.sh run"   9 seconds ago       Up 8 seconds        0.0.0.0:8082->8080
/tcp elated_mahavira
[root@ip-172-31-13-251 ~]# Connection reset by 13.232.196.31 port 22
er
home@Shiva MINGW64 ~/Desktop/downloads (master)
$ ssh -i "chefkeypair1.pem" ec2-user@ec2-13-232-196-31.ap-south-1.compute.amazonaws.com
Last login: Wed Jan 9 02:04:51 2019 from 157.44.198.187

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Amazon Linux AMI

https://aws.amazon.com/amazon-linux-ami/2018.03-release-notes/
10 package(s) needed for security, out of 11 available
Run "sudo yum update" to apply all updates.

```



```

https://aws.amazon.com/amazon-linux-ami/2018.03-release-notes/
10 package(s) needed for security, out of 11 available
Run "sudo yum update" to apply all updates.
[ec2-user@ip-172-31-13-251 ~]$ sudo -i
[root@ip-172-31-13-251 ~]# docker images
REPOSITORY          TAG                 IMAGE ID            CREATED             SIZE
mytomcatdemo        1.0                7f5356049633       14 minutes ago     463MB
tomcat              latest            1a51cb5e3006       10 days ago        462MB
httpd               latest            ef1dc54703e2       11 days ago        132MB
[root@ip-172-31-13-251 ~]# docker tag mytomcatdemo:1.0 481363/shivatocat
[root@ip-172-31-13-251 ~]#
[root@ip-172-31-13-251 ~]# docker push new-repo:tagname
The push refers to repository [docker.io/library/new-repo]
An image does not exist locally with the tag: new-repo
[root@ip-172-31-13-251 ~]# docker push 481363/shivatocat
The push refers to repository [docker.io/481363/shivatocat]
385196464f1f: Preparing
10acf9008214: Preparing
f725cace5e8c: Preparing
70333c64c1a2: Preparing
a8586e8d29fb: Preparing
2d63501da7e5: Waiting
e6ae888dd260: Waiting
80917357f055: Waiting
bfc5dbc4d7a7: Waiting
b53b57a50746: Waiting
d2518892581f: Waiting
c581f4ede92d: Waiting
denied: requested access to the resource is denied
[root@ip-172-31-13-251 ~]# docker login
Login with your Docker ID to push and pull images from Docker Hub. If you don't have a Docker ID, head over to https://hub.docker.com to create one.
Username: 481363
Password:
WARNING! Your password will be stored unencrypted in /root/.docker/config.json.
-----

```

```

f725cace5e8c: Mounted from library/tomcat
70333c64c1a2: Mounted from library/tomcat
a8586e8d29fb: Mounted from library/tomcat
2d63501da7e5: Mounted from library/tomcat
e6ae888dd260: Mounted from library/tomcat
80917357f055: Mounted from library/tomcat
bfc5dbc4d7a7: Mounted from library/tomcat
b53b57a50746: Mounted from library/tomcat
d2518892581f: Mounted from library/tomcat
c581f4ede92d: Mounted from library/tomcat
latest: digest: sha256:304bd4e8acbc3a86b79abbca6c8bfd120be4b50d00b594938b897821c5b7d42c size: 2835
[root@ip-172-31-13-251 ~]# Connection reset by 13.232.196.31 port 22
i
home@Shiva MINGW64 ~/Desktop/downloads (master)
$ ssh -i "chefkeypair1.pem" ec2-user@ec2-13-232-196-31.ap-south-1.compute.amazonaws.com
Last login: Wed Jan  9 02:31:26 2019 from 157.44.198.187

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Amazon Linux AMI

https://aws.amazon.com/amazon-linux-ami/2018.03-release-notes/
10 package(s) needed for security, out of 11 available
Run "sudo yum update" to apply all updates.
[ec2-user@ip-172-31-13-251 ~]$ sudo -i
[root@ip-172-31-13-251 ~]# pwd
/root
[root@ip-172-31-13-251 ~]# vi Dockerfile
[root@ip-172-31-13-251 ~]# docker build -t myubuntuimage:1.0 .
Sending build context to Docker daemon  14.85kB
Step 1/5 : FROM ubuntu:14.0
manifest for ubuntu:14.0 not found
[root@ip-172-31-13-251 ~]# vi Dockerfile
[root@ip-172-31-13-251 ~]# docker build -t myubuntuimage:1.0 .
Sending build context to Docker daemon  14.85kB
Step 1/5 : FROM ubuntu:14.04
14.04: Pulling from library/ubuntu
-----

```

```

manifest for ubuntu:14.0 not found
[root@ip-172-31-13-251 ~]# vi Dockerfile
[root@ip-172-31-13-251 ~]# docker build -t myubuntuimage:1.0 .
Sending build context to Docker daemon 14.85kB
Step 1/5 : FROM ubuntu:14.04
14.04: Pulling from library/ubuntu
9b316e271c60: Pull complete
dea703e2e1f1: Pull complete
dd50fddc64ae: Pull complete
9d32d2e6dcde: Pull complete
Digest: sha256:2ceb8f8fef6dfa7433c992efddedc90c35b572747f34d9bac726e18a9e086e95e
Status: Downloaded newer image for ubuntu:14.04
--> 7e4b16ae8b23
Step 2/5 : MAINTAINER shiva
--> Running in e8bacfeb6538
Removing intermediate container e8bacfeb6538
--> ble73f3f1d0c
Step 3/5 : RUN apt-get update
--> Running in 0866e61039f1
Get:1 http://security.ubuntu.com trusty-security InRelease [65.9 kB]
Ign http://archive.ubuntu.com trusty InRelease
Get:2 http://archive.ubuntu.com trusty-updates InRelease [65.9 kB]
Get:3 http://security.ubuntu.com trusty-security/main amd64 Packages [988 kB]
Get:4 http://archive.ubuntu.com trusty-backports InRelease [65.9 kB]
Get:5 http://archive.ubuntu.com trusty Release.gpg [933 B]
Get:6 http://archive.ubuntu.com trusty-updates/main amd64 Packages [1413 kB]
Get:7 http://security.ubuntu.com trusty-security/restricted amd64 Packages [18.1 kB]
Get:8 http://security.ubuntu.com trusty-security/universe amd64 Packages [354 kB]
Get:9 http://archive.ubuntu.com trusty-updates/restricted amd64 Packages [21.4 kB]
Get:10 http://archive.ubuntu.com trusty-updates/universe amd64 Packages [652 kB]
Get:11 http://security.ubuntu.com trusty-security/multiverse amd64 Packages [4723 B]
Get:12 http://archive.ubuntu.com trusty-updates/multiverse amd64 Packages [16.0 kB]
Get:13 http://archive.ubuntu.com trusty-backports/main amd64 Packages [14.7 kB]
Get:14 http://archive.ubuntu.com trusty-backports/restricted amd64 Packages [40 B]
Get:15 http://archive.ubuntu.com trusty-backports/universe amd64 Packages [52.5 kB]
Get:16 http://archive.ubuntu.com trusty-backports/multiverse amd64 Packages [1392 B]
Get:17 http://archive.ubuntu.com trusty Release [58.5 kB]

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Get:18 http://archive.ubuntu.com trusty/main amd64 Packages [1743 kB]
Get:19 http://archive.ubuntu.com trusty/restricted amd64 Packages [16.0 kB]
Get:20 http://archive.ubuntu.com trusty/universe amd64 Packages [7589 kB]
Get:21 http://archive.ubuntu.com trusty/multiverse amd64 Packages [169 kB]
Fetched 13.3 MB in 4s (2701 kB/s)
Reading package lists...
Removing intermediate container 0866e61039f1
--> d35fd5ee4d7a
Step 4/5 : RUN apt-get install apache2 -y
--> Running in f4b39b1dedc8a
Reading package lists...
Building dependency tree...
Reading state information...
The following extra packages will be installed:
  apache2-bin apache2-data libapr1 libaprutil1 libaprutil1-dbd-sqlite3
  libaprutil1-ldap libasn1-8-heimdal libgssapi3-heimdal libhcrypto4-heimdal
  libheimbase1-heimdal libheimntlm0-heimdal libhx509-5-heimdal
  libkrb5-26-heimdal libldap-2.4-2 libroken18-heimdal libsas12-2
  libsas12-modules libsas12-modules-db libwind0-heimdal libxml2 openssl
  sgml-base ssl-cert xml-core
Suggested packages:
  www-browser apache2-doc apache2-suexec-pristine apache2-suexec-custom ufw
  apache2-utils libsas12-modules-otp libsas12-modules-ldap
  libsas12-modules-sql libsas12-modules-gssapi-mit
  libsas12-modules-gssapi-heimdal ca-certificates sgml-base-doc
  openssl-blacklist debhelper
The following NEW packages will be installed:
  apache2 apache2-bin apache2-data libapr1 libaprutil1 libaprutil1-dbd-sqlite3
  libaprutil1-ldap libasn1-8-heimdal libgssapi3-heimdal libhcrypto4-heimdal
  libheimbase1-heimdal libheimntlm0-heimdal libhx509-5-heimdal
  libkrb5-26-heimdal libldap-2.4-2 libroken18-heimdal libsas12-2
  libsas12-modules libsas12-modules-db libwind0-heimdal libxml2 openssl
  sgml-base ssl-cert xml-core
0 upgraded, 25 newly installed, 0 to remove and 1 not upgraded.
Need to get 3443 kB of archives.
After this operation, 12.6 MB of additional disk space will be used.
Get:1 http://archive.ubuntu.com/ubuntu/ trusty-updates/main libroken18-heimdal amd64 1.6~git20131207+dfsg-1ubuntu1.2 [

```

```

Enabling conf localized-error-pages.
Enabling conf other-vhosts-access-log.
Enabling conf security.
Enabling conf serve-cgi-bin.
Enabling site 000-default.
invoke-rc.d: policy-rc.d denied execution of start.
Setting up ssl-cert (1.0.33) ...
debconf: unable to initialize frontend: Dialog
debconf: (TERM is not set, so the dialog frontend is not usable.)
debconf: falling back to frontend: Readline
debconf: unable to initialize frontend: Readline
debconf: (This frontend requires a controlling tty.)
debconf: falling back to frontend: Teletype
Processing triggers for libc-bin (2.19-0ubuntu6.14) ...
Processing triggers for sgml-base (1.26+nmu4ubuntu1) ...
Processing triggers for ureadahead (0.100.0-16) ...
Removing intermediate container f4b39b1edcba
--> 931fe7c9be4f
Step 5/5 : EXPOSE 80
--> Running in 0e06f922fa32
Removing intermediate container 0e06f922fa32
--> c804d0694065
Successfully built c804d0694065
Successfully tagged myubuntuimage:1.0
[root@ip-172-31-13-251 ~]# docker images
REPOSITORY          TAG             IMAGE ID         CREATED          SIZE
myubuntuimage       1.0             c804d0694065    About a minute ago  216MB
481363/shivatocat   latest          7f5356049633    About an hour ago  463MB
mytomcatdemo        1.0             7f5356049633    About an hour ago  463MB
tomcat              latest          1a51cb5e3006    10 days ago      462MB
httpd               latest          ef1dc54703e2    11 days ago      132MB
ubuntu              14.04          7e4b16ae8b23    11 days ago      188MB
[root@ip-172-31-13-251 ~]# docker run -dit -p 83:80 myubuntuimage:1.0
b98e26c36413a41c69b39de9dacc71ef9904ac65483b640fd6e18fbe7cd2c20b
[root@ip-172-31-13-251 ~]# docker ps
CONTAINER ID        IMAGE               COMMAND             CREATED             STATUS              PORTS
-----

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481363/shivatocat   latest          7f5356049633    About an hour ago  463MB
mytomcatdemo        1.0             7f5356049633    About an hour ago  463MB
tomcat              latest          1a51cb5e3006    10 days ago      462MB
httpd               latest          ef1dc54703e2    11 days ago      132MB
ubuntu              14.04          7e4b16ae8b23    11 days ago      188MB
[root@ip-172-31-13-251 ~]# docker run -dit -p 83:80 myubuntuimage:1.0
b98e26c36413a41c69b39de9dacc71ef9904ac65483b640fd6e18fbe7cd2c20b
[root@ip-172-31-13-251 ~]# docker ps
CONTAINER ID        IMAGE               COMMAND             CREATED             STATUS              PORTS
-----
b98e26c36413        myubuntuimage:1.0  "/bin/bash"        5 seconds ago       Up 4 seconds        0.0.0.0:83->80/tcp
vigilant_galileo
ac00c4faa33c        mytomcatdemo:1.0   "catalina.sh run"   About an hour ago   Up About an hour    0.0.0.0:8082->8080
/tcp elated_mahavira
[root@ip-172-31-13-251 ~]# docker exec -it b98e26c36413 /bin/bash
root@b98e26c36413:/# service apache start
apache: unrecognized service
root@b98e26c36413:/# service apache2 start
* Starting web server apache2
/usr/sbin/apache2ctl: 87: ulimit: error setting limit (Operation not permitted)
Setting ulimit failed. See README.Debian for more information.
AH00558: apache2: Could not reliably determine the server's fully qualified domain name, using 172.17.0.3. Set the 'ServerName' directive globally to suppress this message
*
root@b98e26c36413:/# service apache2 status
* apache2 is running
root@b98e26c36413:/# ps -ef | grep apache2
bash: ps -ef: command not found
root@b98e26c36413:/# ps -ef | grep apache2
error: garbage option

Usage:
ps [options]

Try 'ps --help <simple|list|output|threads|misc|all>'
or 'ps --help <s|l|o|t|m|a>'
for additional help text.
-----

```

```
bash: ps-ef: command not found
root@98e26c36413:/# ps - ef | grep apache2
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Usage:
ps [options]

Try 'ps --help <simple|list|output|threads|misc|all>'
  or 'ps --help <s|l|o|t|m|a>'
  for additional help text.

For more details see ps(1).
root@98e26c36413:/# ps -ef | grep apache2
root      63      1  0 03:14 ?        00:00:00 /usr/sbin/apache2 -k start
www-data  66     63  0 03:14 ?        00:00:00 /usr/sbin/apache2 -k start
www-data  67     63  0 03:14 ?        00:00:00 /usr/sbin/apache2 -k start
root     138     15  0 03:15 pts/1    00:00:00 grep --color=auto apache2
root@98e26c36413:/# cd /var/
backups/ cache/  lib/      local/   lock/    log/     mail/    opt/     run/     spool/   tmp/     www/
root@98e26c36413:/# cd /var/www/html/
root@98e26c36413:/var/www/html# pwd
/var/www/html
root@98e26c36413:/var/www/html# ls -lrt
total 12
-rw-r--r-- 1 root root 11510 Jan  9 03:07 index.html
root@98e26c36413:/var/www/html# vi index.html
root@98e26c36413:/var/www/html# vi index.html
root@98e26c36413:/var/www/html# vi index.html
root@98e26c36413:/var/www/html# service apache2 start
* Starting web server apache2
*
root@98e26c36413:/var/www/html# service apache2 status
* apache2 is running
root@98e26c36413:/var/www/html# Connection reset by 13.232.196.31 port 22

home@Shiva MINGW64 ~/Desktop/downloads (master)
$ |
```