```
rohangandhi@Rohan-laptop:~$ docker pull alpine
Using default tag: latest
latest: Pulling from library/alpine
Digest: sha256:51b67269f354137895d43f3b3d810bfacd3945438e94dc5ac55fdac340352f48
Status: Image is up to date for alpine:latest
docker.io/library/alpine:latest


What's Next?
  View a summary of image vulnerabilities and recommendations → docker scout quickview alpine
```

```
rohangandhi@Rohan-laptop:~$ docker images
REPOSITORY                   TAG                                         IMAGE ID       CREATED         SIZE
ubuntu                       latest                                      174c8c134b2a   4 weeks ago     77.9MB
alpine                       latest                                      f8c20f8bbcb6   5 weeks ago     7.38MB
hello-world                  latest                                      d2c94e258dcb   8 months ago    13.3kB
docker/desktop-git-helper    c1e302e18fba86bb07f6b657155011bd6791dfc5    352f04e41a19   15 months ago   45.8MB
docker/dev-environments-go   stable-1                                    fa3eca5480f8   15 months ago   1.92GB
crazymax/linguist            7.20.0                                      dc5f9ae3be6a   20 months ago   72.2MB
docker/desktop-git-helper    5a4fca126aadcd3f6cc3a011aa991de982ae7000    efe2d67c403b   2 years ago     44.2MB
ubuntu                       12.04                                       5b117edd0b76   6 years ago     104MB
dockersamples/static-site    latest                                      f589ccde7957   7 years ago     191MB
```

```
rohangandhi@Rohan-laptop:~$ docker run alpine ls -l
total 56
drwxr-xr-x    2 root     root          4096 Dec  7 09:43 bin
drwxr-xr-x    5 root     root           340 Jan 15 03:02 dev
drwxr-xr-x    1 root     root          4096 Jan 15 03:02 etc
drwxr-xr-x    2 root     root          4096 Dec  7 09:43 home
drwxr-xr-x    7 root     root          4096 Dec  7 09:43 lib
drwxr-xr-x    5 root     root          4096 Dec  7 09:43 media
drwxr-xr-x    2 root     root          4096 Dec  7 09:43 mnt
drwxr-xr-x    2 root     root          4096 Dec  7 09:43 opt
dr-xr-xr-x  351 root     root             0 Jan 15 03:02 proc
drwx------    2 root     root          4096 Dec  7 09:43 root
drwxr-xr-x    2 root     root          4096 Dec  7 09:43 run
drwxr-xr-x    2 root     root          4096 Dec  7 09:43 sbin
drwxr-xr-x    2 root     root          4096 Dec  7 09:43 srv
dr-xr-xr-x   11 root     root             0 Jan 15 03:02 sys
drwxrwxrwt    2 root     root          4096 Dec  7 09:43 tmp
drwxr-xr-x    7 root     root          4096 Dec  7 09:43 usr
drwxr-xr-x   12 root     root          4096 Dec  7 09:43 var
```

```
rohangandhi@Rohan-laptop:~$ docker run alpine echo "hello from alpine"
hello from alpine
```

```
rohangandhi@Rohan-laptop:~$ docker run alpine /bin/sh
rohangandhi@Rohan-laptop:~$ docker ps
CONTAINER ID   IMAGE                              COMMAND            CREATED       STATUS        PORTS     NAMES
c1ec8e0e4d9e   alpine                             "/bin/sh"          2 hours ago   Up 2 hours              blissful_chatelet
9ad1da89dcdc   docker/dev-environments-go:stable-1 "sleep infinity"   3 hours ago   Up 3 hours              rohangandhi-app-1
```

```
rohangandhi@Rohan-laptop:~$ docker ps -a
CONTAINER ID   IMAGE                              COMMAND               CREATED         STATUS                     PORTS     NAMES
9c74ffc78560   alpine                             "/bin/sh"             8 minutes ago   Exited (0) 8 minutes ago             inspiring_nobel
99ba1b1d5e29   alpine                             "echo 'hello from al…" 8 minutes ago   Exited (0) 8 minutes ago             stoic_jepsen
63760f9d90f7   alpine                             "ls -l"               8 minutes ago   Exited (0) 8 minutes ago             infallible_wright
c1ec8e0e4d9e   alpine                             "/bin/sh"             2 hours ago     Up 2 hours                           blissful_chatelet
63e688d9b036   alpine                             "echo 'hello from al…" 2 hours ago     Exited (0) 2 hours ago               serene_noyce
3d1b64f73ad1   alpine                             "ls -l"               2 hours ago     Exited (0) 2 hours ago               brave_borg
7b2676116f87   hello-world                        "/hello"              3 hours ago     Exited (0) 3 hours ago               busy_hoover
9ad1da89dcdc   docker/dev-environments-go:stable-1 "sleep infinity"     3 hours ago     Up 3 hours                           rohangandhi-app-1
```

```
rohangandhi@Rohan-laptop:~$ docker run -it alpine /bin/sh
/ # ls
```

```
rohangandhi@Rohan-laptop:~$ docker run -d dockersamples/static-site
3b86c5ef2dfc4dddc323edfde177bf886654721cca1a259ed0cb4bb33c58bf41
```

```
rohangandhi@Rohan-laptop:~$ docker ps
CONTAINER ID   IMAGE                                COMMAND                CREATED            STATUS               PORTS             NAMES
3b86c5ef2dfc   dockersamples/static-site            "/bin/sh -c 'cd /usr…" 17 seconds ago     Up 15 seconds        80/tcp, 443/tcp   elegant_ishizaka
bdcb0322a1b4   alpine                               "/bin/sh"              About a minute ago Up About a minute                      adoring_buck
c1ec8e0e4d9e   alpine                               "/bin/sh"              2 hours ago        Up 2 hours                             blissful_chatelet
9ad1da89dcdc   docker/dev-environments-go:stable-1  "sleep infinity"       3 hours ago        Up 3 hours                             rohangandhi-app-1
```

```
rohangandhi@Rohan-laptop:~$ docker stop 3b86c5ef2dfc
3b86c5ef2dfc
rohangandhi@Rohan-laptop:~$ docker rm 3b86c5ef2dfc
3b86c5ef2dfc
```

```
rohangandhi@Rohan-laptop:~$ docker run --name static-site -e AUTHOR="Rohan Gandhi" -d -P dockersamples/static-site
aba6769260251633e2b2ac4c642b8f94a3f454000130552403c7fb0ee71b5f52
rohangandhi@Rohan-laptop:~$ docker port static-site
80/tcp -> 0.0.0.0:32771
```

```
rohangandhi@Rohan-laptop:~$ docker stop static-site
static-site
rohangandhi@Rohan-laptop:~$ docker rm static-site
static-site
```

```
rohangandhi@Rohan-laptop:~$ docker ps
CONTAINER ID   IMAGE                                COMMAND                CREATED         STATUS          PORTS     NAMES
bdcb0322a1b4   alpine                               "/bin/sh"              5 minutes ago   Up 5 minutes              adoring_buck
c1ec8e0e4d9e   alpine                               "/bin/sh"              2 hours ago     Up 2 hours                blissful_chatelet
9ad1da89dcdc   docker/dev-environments-go:stable-1  "sleep infinity"       3 hours ago     Up 3 hours                rohangandhi-app-1
```

```
rohangandhi@Rohan-laptop:~$ docker images
REPOSITORY                       TAG                                             IMAGE ID       CREATED         SIZE
ubuntu                           latest                                          174c8c134b2a   4 weeks ago     77.9MB
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hello-world                      latest                                          d2c94e258dcb   8 months ago    13.3kB
docker/desktop-git-helper        c1e302e18fba86bb07f6b657155011bd6791dfc5        352f04e41a19   15 months ago   45.8MB
docker/dev-environments-go       stable-1                                        fa3eca5480f8   15 months ago   1.92GB
crazymax/linguist                7.20.0                                          dc5f9ae3be6a   20 months ago   72.2MB
docker/desktop-git-helper        5a4fca126aadcd3f6cc3a011aa991de982ae7000        efe2d67c403b   2 years ago     44.2MB
ubuntu                           12.04                                           5b117edd0b76   6 years ago     104MB
dockersamples/static-site        latest                                          f589ccde7957   7 years ago     191MB
```

```
rohangandhi@Rohan-laptop:~$ docker pull ubuntu:12.04
12.04: Pulling from library/ubuntu
Digest: sha256:18305429afa14ea462f810146ba44d4363ae76e4c8dfc38288cf73aa07485005
Status: Image is up to date for ubuntu:12.04
docker.io/library/ubuntu:12.04
```

```
rohangandhi@Rohan-laptop:~$ docker pull ubuntu
Using default tag: latest
latest: Pulling from library/ubuntu
Digest: sha256:6042500cf4b44023ea1894effe7890666b0c5c7871ed83a97c36c76ae560bb9b
Status: Image is up to date for ubuntu:latest
docker.io/library/ubuntu:latest
```

# Hello Rohan Gandhi!

This is being served from a **docker** container running Nginx.