harshali15@Harshalis-Air Desktop % docker

Usage: docker [OPTIONS] COMMAND

A self-sufficient runtime for containers

Options:

--config string Location of client config files (default

"/Users/harshali15/.docker")

-c, --context string Name of the context to use to connect to the

daemon (overrides DOCKER\_HOST env var and

default context set with "docker context use")

-D, --debug Enable debug mode

-H, --host list Daemon socket(s) to connect to

-l, --log-level string Set the logging level

("debug"|"info"|"warn"|"error"|"fatal")

(default "info")

--tls Use TLS; implied by --tlsverify

--tlscacert string Trust certs signed only by this CA (default

"/Users/harshali15/.docker/ca.pem")

--tlscert string Path to TLS certificate file (default

"/Users/harshali15/.docker/cert.pem")

--tlskey string Path to TLS key file (default

"/Users/harshali15/.docker/key.pem")

--tlsverify Use TLS and verify the remote

-v, --version Print version information and quit

Management Commands:

builder Manage builds

buildx\* Docker Buildx (Docker Inc., v0.9.1)

compose\* Docker Compose (Docker Inc., v2.10.2)

config Manage Docker configs

container Manage containers

context Manage contexts

extension\* Manages Docker extensions (Docker Inc., v0.2.9)

image Manage images

manifest Manage Docker image manifests and manifest lists

network Manage networks

node Manage Swarm nodes

plugin Manage plugins

sbom\* View the packaged-based Software Bill Of Materials (SBOM) for an image (Anchore Inc., 0.6.0)

scan\* Docker Scan (Docker Inc., v0.19.0)

secret Manage Docker secrets

service Manage services

stack Manage Docker stacks

swarm Manage Swarm

system Manage Docker

trust Manage trust on Docker images

volume Manage volumes

Commands:

attach Attach local standard input, output, and error streams to a running container

build Build an image from a Dockerfile

commit Create a new image from a container's changes

cp Copy files/folders between a container and the local filesystem

create Create a new container

diff Inspect changes to files or directories on a container's filesystem

events Get real time events from the server

exec Run a command in a running container

export Export a container's filesystem as a tar archive

history Show the history of an image

images List images

import Import the contents from a tarball to create a filesystem image

info Display system-wide information

inspect Return low-level information on Docker objects

kill Kill one or more running containers

load Load an image from a tar archive or STDIN

login Log in to a Docker registry

logout Log out from a Docker registry

logs Fetch the logs of a container

pause Pause all processes within one or more containers

port List port mappings or a specific mapping for the container

ps List containers

pull Pull an image or a repository from a registry

push Push an image or a repository to a registry

rename Rename a container

restart Restart one or more containers

rm Remove one or more containers

rmi Remove one or more images

run Run a command in a new container

save Save one or more images to a tar archive (streamed to STDOUT by default)

search Search the Docker Hub for images

start Start one or more stopped containers

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

stop Stop one or more running containers

tag Create a tag TARGET\_IMAGE that refers to SOURCE\_IMAGE

top Display the running processes of a container

unpause Unpause all processes within one or more containers

update Update configuration of one or more containers

version Show the Docker version information

wait Block until one or more containers stop, then print their exit codes

Run 'docker COMMAND --help' for more information on a command.

**To get more help with docker, check out our guides at https://docs.docker.com/go/guides/**

harshali15@Harshalis-Air Desktop % docker --version

Docker version 20.10.17, build 100c701

harshali15@Harshalis-Air Desktop % docker ps

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

harshali15@Harshalis-Air Desktop % docker pull nginx

Using default tag: latest

latest: Pulling from library/nginx

df8e44b0463f: Pull complete

a5e2bdbd69c7: Pull complete

6a8bb8f4c2d1: Pull complete

37b74cc0b42a: Pull complete

71e4fd647850: Pull complete

8d8f8963a6d4: Pull complete

Digest: sha256:2f770d2fe27bc85f68fd7fe6a63900ef7076bc703022fe81b980377fe3d27b70

Status: Downloaded newer image for nginx:latest

docker.io/library/nginx:latest

harshali15@Harshalis-Air Desktop % docker images

REPOSITORY TAG IMAGE ID CREATED SIZE

nginx latest 1db0b6ded6ab 9 days ago 135MB

harshali15@Harshalis-Air Desktop % docker run -d nginx:latest

c7215e14d14b83963c5e6a0446027597ab4bbbc3d851636c0baed9c380d5850d

harshali15@Harshalis-Air Desktop % docker ps

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

c7215e14d14b nginx:latest "/docker-entrypoint.…" 4 seconds ago Up 3 seconds 80/tcp competent\_pike

harshali15@Harshalis-Air Desktop % dcoker container ls

zsh: command not found: dcoker

harshali15@Harshalis-Air Desktop % docker container ls

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

c7215e14d14b nginx:latest "/docker-entrypoint.…" 16 seconds ago Up 16 seconds 80/tcp competent\_pike

harshali15@Harshalis-Air Desktop % clear

harshali15@Harshalis-Air Desktop % docker ps

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

c7215e14d14b nginx:latest "/docker-entrypoint.…" 36 minutes ago Up 36 minutes 80/tcp competent\_pike

harshali15@Harshalis-Air Desktop % docker stop c7215e14d14b

c7215e14d14b

harshali15@Harshalis-Air Desktop % docker ps

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

harshali15@Harshalis-Air Desktop % docker run -d -p 8089:80 nginx:latest

346f419d81d332bf17fb3d5dae9f90a71c9aa40fcd0d2c8896b5dda7beea3519

harshali15@Harshalis-Air Desktop % docker ps

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

346f419d81d3 nginx:latest "/docker-entrypoint.…" 2 seconds ago Up 1 second 0.0.0.0:8089->80/tcp pensive\_sinoussi

harshali15@Harshalis-Air Desktop % docker stop 346f419d81d3

346f419d81d3

harshali15@Harshalis-Air Desktop % docker run -d -p 8080:80 nginx:latest

8c7d2c029da00b57802a9ed41ee37ec25019e744757316f508bab72bab5c1677

harshali15@Harshalis-Air Desktop % docker ps

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

8c7d2c029da0 nginx:latest "/docker-entrypoint.…" 4 seconds ago Up 3 seconds 0.0.0.0:8080->80/tcp cranky\_johnson

harshali15@Harshalis-Air Desktop % docker stop 8c7d2c029da0

8c7d2c029da0

harshali15@Harshalis-Air Desktop % docker run --name website -d -p 8080:80 nginx:latest

72d0bf22b5105cd9decdf79b372a0b0d7fd80acd23b1932fe55ed254610b2ffa

harshali15@Harshalis-Air Desktop % docker run --name website-two -d -p 8080:80 nginx:latest

dac5257050ab4a7be59891d49147509aee12218477f95ebf1df50642f103ab4b

docker: Error response from daemon: driver failed programming external connectivity on endpoint website-two (b48f071597ff3b84446122e761e15cfea5d09f3616047bedda1b5fd7b93e3a08): Bind for 0.0.0.0:8080 failed: port is already allocated.

harshali15@Harshalis-Air Desktop % docker run --name website-two -d -p 8081:80 nginx:latest

docker: Error response from daemon: Conflict. The container name "/website-two" is already in use by container "dac5257050ab4a7be59891d49147509aee12218477f95ebf1df50642f103ab4b". You have to remove (or rename) that container to be able to reuse that name.

See 'docker run --help'.

harshali15@Harshalis-Air Desktop % docker ps

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

72d0bf22b510 nginx:latest "/docker-entrypoint.…" 37 seconds ago Up 36 seconds 0.0.0.0:8080->80/tcp website

harshali15@Harshalis-Air Desktop % docker run --name website-two -d -p 8082:80 nginx:latest

docker: Error response from daemon: Conflict. The container name "/website-two" is already in use by container "dac5257050ab4a7be59891d49147509aee12218477f95ebf1df50642f103ab4b". You have to remove (or rename) that container to be able to reuse that name.

See 'docker run --help'.

harshali15@Harshalis-Air Desktop % docker ps -a

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

dac5257050ab nginx:latest "/docker-entrypoint.…" 39 seconds ago Created website-two

72d0bf22b510 nginx:latest "/docker-entrypoint.…" About a minute ago Up About a minute 0.0.0.0:8080->80/tcp website

8c7d2c029da0 nginx:latest "/docker-entrypoint.…" 3 hours ago Exited (0) 2 minutes ago cranky\_johnson

346f419d81d3 nginx:latest "/docker-entrypoint.…" 3 hours ago Exited (0) 3 hours ago pensive\_sinoussi

c7215e14d14b nginx:latest "/docker-entrypoint.…" 3 hours ago Exited (0) 3 hours ago competent\_pike

harshali15@Harshalis-Air Desktop % docker rm -f website-two

website-two

harshali15@Harshalis-Air Desktop % docker run --name website-two -d -p 8082:80 nginx:latest

d75d7f6f16362892cfb782f97169ee610f0ffc761c21091424a3bce4a1cedc20

harshali15@Harshalis-Air Desktop % docker ps -a

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

d75d7f6f1636 nginx:latest "/docker-entrypoint.…" 5 seconds ago Up 4 seconds 0.0.0.0:8082->80/tcp website-two

72d0bf22b510 nginx:latest "/docker-entrypoint.…" About a minute ago Up About a minute 0.0.0.0:8080->80/tcp website

8c7d2c029da0 nginx:latest "/docker-entrypoint.…" 3 hours ago Exited (0) 2 minutes ago cranky\_johnson

346f419d81d3 nginx:latest "/docker-entrypoint.…" 3 hours ago Exited (0) 3 hours ago pensive\_sinoussi

c7215e14d14b nginx:latest "/docker-entrypoint.…" 3 hours ago Exited (0) 3 hours ago competent\_pike

harshali15@Harshalis-Air Desktop %

harshali15@Harshalis-Air website % docker ps

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

ba0ce789eb54 nginx:latest "/docker-entrypoint.…" 5 minutes ago Up 5 minutes 0.0.0.0:8080->80/tcp website

harshali15@Harshalis-Air website % docker rm -f website

website

harshali15@Harshalis-Air website % docker run --name website -v $(pwd):/usr/share/nginx/html -d -p 8080:80 nginx:latest

9eb66e8f56bb4f7400cd71137ef2c8aceb0db1a0e2b46c98111e4b915e8bd549

harshali15@Harshalis-Air website % docker exec -it website bash

root@9eb66e8f56bb:/# cd /use/share/nginx/html

bash: cd: /use/share/nginx/html: No such file or directory

root@9eb66e8f56bb:/# cd /usr/share/nginx/html

root@9eb66e8f56bb:/usr/share/nginx/html# ls

index.html

root@9eb66e8f56bb:/usr/share/nginx/html# cat insex.html

cat: insex.html: No such file or directory

root@9eb66e8f56bb:/usr/share/nginx/html# cat index.html

<h1> Hello from docker Harshali! Read only</h1>root@9eb66e8f56bb:/usr/share/nginx/html#

root@9eb66e8f56bb:/usr/share/nginx/html# touch about.html

root@9eb66e8f56bb:/usr/share/nginx/html#

harshali15@Harshalis-Air website % docker ps -a

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

7e495e70f704 website:latest "/docker-entrypoint.…" 7 seconds ago Up 6 seconds 0.0.0.0:8080->80/tcp website2

harshali15@Harshalis-Air website % docker build --tag website:latest .

[+] Building 0.1s (7/7) FINISHED

=> [internal] load build definition from Dockerfile 0.0s

=> => transferring dockerfile: 134B 0.0s

=> [internal] load .dockerignore 0.0s

=> => transferring context: 2B 0.0s

=> [internal] load metadata for docker.io/library/nginx:latest 0.0s

=> [internal] load build context 0.0s

=> => transferring context: 743B 0.0s

=> CACHED [1/2] FROM docker.io/library/nginx:latest 0.0s

=> [2/2] ADD . /usr/share/nginx/html 0.0s

=> exporting to image 0.0s

=> => exporting layers 0.0s

=> => writing image sha256:1d2cc0edc568b3960ce8afa2e4a72e743421bb219c449c64d2185871dc4bd6c6 0.0s

=> => naming to docker.io/library/website:latest 0.0s

Use 'docker scan' to run Snyk tests against images to find vulnerabilities and learn how to fix them

harshali15@Harshalis-Air website % docker run --name website2 -p 8080:80 -d website:latest

docker: Error response from daemon: Conflict. The container name "/website2" is already in use by container "7e495e70f70476566fbb33d28024cb21432ed6581e930f214625902c4bd26654". You have to remove (or rename) that container to be able to reuse that name.

See 'docker run --help'.

harshali15@Harshalis-Air website % docker rm -f website2

website2

harshali15@Harshalis-Air website % docker run --name website2 -p 8080:80 -d website:latest

91403ba9fbd7872fc786768d5e5c6ad5270d6997cbd1a16801c98000b6429845

harshali15@Harshalis-Air website %

harshali15@Harshalis-Air nodeapp % docker images

REPOSITORY TAG IMAGE ID CREATED SIZE

nodeapp latest 45769207c486 7 minutes ago 948MB

website latest 1d2cc0edc568 27 minutes ago 135MB

<none> <none> a006781b4f57 29 minutes ago 135MB

webiste latest 18fd0d7cf9dc 34 minutes ago 135MB

nginx latest 1db0b6ded6ab 9 days ago 135MB

harshali15@Harshalis-Air nodeapp % docker build -t nodeapp:v2 .

[+] Building 4.8s (9/9) FINISHED

=> [internal] load build definition from Dockerfile 0.0s

=> => transferring dockerfile: 180B 0.0s

=> [internal] load .dockerignore 0.0s

=> => transferring context: 2B 0.0s

=> [internal] load metadata for docker.io/library/node:latest 2.4s

=> [1/4] FROM docker.io/library/node:latest@sha256:70e7522472cbd24959b4dea59b65324fc267eaa3eec21a9a9ad228125b8376fb 0.0s

=> [internal] load build context 0.1s

=> => transferring context: 80.67kB 0.1s

=> CACHED [2/4] WORKDIR /app 0.0s

=> [3/4] ADD . . 0.3s

=> [4/4] RUN npm install 1.8s

=> exporting to image 0.1s

=> => exporting layers 0.1s

=> => writing image sha256:d4673b94006e7b956b1a7c90f7ef5a461d860518a4cb75085b80581c9ac6be87 0.0s

=> => naming to docker.io/library/nodeapp:v2 0.0s

Use 'docker scan' to run Snyk tests against images to find vulnerabilities and learn how to fix them

harshali15@Harshalis-Air nodeapp % docker run --name nodeapplication -d -p 3000:3000 nodeapp:v2

docker: Error response from daemon: Conflict. The container name "/nodeapplication" is already in use by container "6083cea12c116881d77f97d8ffda29b73bbe2a971ce2a4477b2958a8b12b28a6". You have to remove (or rename) that container to be able to reuse that name.

See 'docker run --help'.

harshali15@Harshalis-Air nodeapp % docker rm -f nodeapplication

nodeapplication

harshali15@Harshalis-Air nodeapp % docker images

REPOSITORY TAG IMAGE ID CREATED SIZE

nodeapp v2 d4673b94006e 18 seconds ago 948MB

nodeapp latest 45769207c486 8 minutes ago 948MB

website latest 1d2cc0edc568 27 minutes ago 135MB

<none> <none> a006781b4f57 29 minutes ago 135MB

webiste latest 18fd0d7cf9dc 34 minutes ago 135MB

nginx latest 1db0b6ded6ab 9 days ago 135MB

harshali15@Harshalis-Air nodeapp % docker run --name nodeappv2 -d -p 3000:3000 nodeapp:v2

0b059ee48219f2ac82010a1c0c5df5888bd535c477977a6046fdf13fecf7b11c

harshali15@Harshalis-Air nodeapp % docker ps -a

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

0b059ee48219 nodeapp:v2 "docker-entrypoint.s…" 11 seconds ago Up 10 seconds 0.0.0.0:3000->3000/tcp nodeappv2

91403ba9fbd7 website:latest "/docker-entrypoint.…" 27 minutes ago Up 27 minutes 0.0.0.0:8080->80/tcp website2

harshali15@Harshalis-Air nodeapp % docker rm -f 0b059ee48219

0b059ee48219

harshali15@Harshalis-Air nodeapp % docker run --name nodeappv2 -d -p 5000:3000 nodeapp:v2

6cb83607e24b50ccb7391af46c5b3e67fd5995ddc7b31f96308c8c34e8ba8596

harshali15@Harshalis-Air nodeapp % docker ps -a

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

6cb83607e24b nodeapp:v2 "docker-entrypoint.s…" 28 seconds ago Up 27 seconds 0.0.0.0:5000->3000/tcp nodeappv2

91403ba9fbd7 website:latest "/docker-entrypoint.…" 29 minutes ago Up 29 minutes 0.0.0.0:8080->80/tcp website2

harshali15@Harshalis-Air nodeapp % docker rm -f 6cb83607e24b

6cb83607e24b

harshali15@Harshalis-Air nodeapp % docker ps -a

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

91403ba9fbd7 website:latest "/docker-entrypoint.…" 29 minutes ago Up 29 minutes 0.0.0.0:8080->80/tcp website2

harshali15@Harshalis-Air nodeapp % docker run --name nodeappv2 -d -p 5000:5000 nodeapp:v2

e4cc3c8c548209fb92ead90ea4327b8d8951cc0f4f435f1631dd647e46840a7e

harshali15@Harshalis-Air nodeapp % docker rm -f 6cb83607e24b

harshali15@Harshalis-Air nodeapp % docker pull node:lts-alpine

lts-alpine: Pulling from library/node

9b18e9b68314: Pull complete

b0cdf6fc03da: Pull complete

6f472a4c01bd: Pull complete

f64ba197bc18: Pull complete

Digest: sha256:2175727cef5cad4020cb77c8c101d56ed41d44fbe9b1157c54f820e3d345eab1

Status: Downloaded newer image for node:lts-alpine

docker.io/library/node:lts-alpine

harshali15@Harshalis-Air nodeapp % docker image ls

REPOSITORY TAG IMAGE ID CREATED SIZE

nodeapp v2 5838a2cce95c 5 minutes ago 949MB

<none> <none> d15276e72569 15 minutes ago 949MB

<none> <none> d4673b94006e 24 minutes ago 948MB

nodeapp latest 45769207c486 32 minutes ago 948MB

website latest 1d2cc0edc568 52 minutes ago 135MB

<none> <none> a006781b4f57 54 minutes ago 135MB

webiste latest 18fd0d7cf9dc 59 minutes ago 135MB

node lts-alpine 2c668f3a2328 31 hours ago 114MB

nginx latest 1db0b6ded6ab 9 days ago 135MB

harshali15@Harshalis-Air nodeapp % docker pull nginx:alpine

alpine: Pulling from library/nginx

9b18e9b68314: Already exists

d9111b1cfaed: Pull complete

7c5926dd2d26: Pull complete

2559dc84f9d0: Pull complete

25335db77b7b: Pull complete

f4555f21bc23: Pull complete

Digest: sha256:b87c350e6c69e0dc7069093dcda226c4430f3836682af4f649f2af9e9b5f1c74

Status: Downloaded newer image for nginx:alpine

docker.io/library/nginx:alpine

harshali15@Harshalis-Air nodeapp % docker image ls

REPOSITORY TAG IMAGE ID CREATED SIZE

nodeapp v2 5838a2cce95c 7 minutes ago 949MB

<none> <none> d15276e72569 17 minutes ago 949MB

<none> <none> d4673b94006e 26 minutes ago 948MB

nodeapp latest 45769207c486 34 minutes ago 948MB

website latest 1d2cc0edc568 53 minutes ago 135MB

<none> <none> a006781b4f57 55 minutes ago 135MB

webiste latest 18fd0d7cf9dc About an hour ago 135MB

node lts-alpine 2c668f3a2328 31 hours ago 114MB

nginx alpine fb0ef98b42c3 8 days ago 22.1MB

nginx latest 1db0b6ded6ab 9 days ago 135MB

harshali15@Harshalis-Air nodeapp % docker image rm 2c668f3a2328

Untagged: node:lts-alpine

Untagged: node@sha256:2175727cef5cad4020cb77c8c101d56ed41d44fbe9b1157c54f820e3d345eab1

Deleted: sha256:2c668f3a232884b81f2785f7a3f9abc33759ca986e6377c28f2ae7be795ae1e2

Deleted: sha256:c22becd105b5ba30baa00879932ea212dec0368fd6238cd0fe34bb817903b4f1

Deleted: sha256:22ea077b5bddaf6f4aaadd6f5010ee1863049b62915dd98345840e186b12f47c

Deleted: sha256:1c8d546c157037bacbcc1f647849bebba8cf12bb80c80911b354fed431227051

harshali15@Harshalis-Air nodeapp % docker pull node:alpine

alpine: Pulling from library/node

9b18e9b68314: Already exists

11858ce11be9: Pull complete

90d0c09f06cc: Pull complete

0e54af952041: Pull complete

Digest: sha256:99086216b9a030dd6d5b2c303e0b94de3d511f6c69b5b529f804bb7f41d4381e

Status: Downloaded newer image for node:alpine

docker.io/library/node:alpine

harshali15@Harshalis-Air nodeapp % docker image ls

REPOSITORY TAG IMAGE ID CREATED SIZE

nodeapp v2 5838a2cce95c 10 minutes ago 949MB

<none> <none> d15276e72569 19 minutes ago 949MB

<none> <none> d4673b94006e 29 minutes ago 948MB

nodeapp latest 45769207c486 37 minutes ago 948MB

website latest 1d2cc0edc568 56 minutes ago 135MB

<none> <none> a006781b4f57 58 minutes ago 135MB

webiste latest 18fd0d7cf9dc About an hour ago 135MB

node alpine 480fe88f670a 5 hours ago 165MB

nginx alpine fb0ef98b42c3 8 days ago 22.1MB

nginx latest 1db0b6ded6ab 9 days ago 135MB

harshali15@Harshalis-Air nodeapp % docker ps -a

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

d3c5416c2c85 nodeapp:v2 "docker-entrypoint.s…" 11 minutes ago Up 11 minutes 0.0.0.0:5000->5000/tcp nodeappv2

91403ba9fbd7 website:latest "/docker-entrypoint.…" 57 minutes ago Up 57 minutes 0.0.0.0:8080->80/tcp website2

harshali15@Harshalis-Air nodeapp % docker rm -f nodeappv2

nodeappv2

harshali15@Harshalis-Air nodeapp % docker build -t nodeapp:v2 .

[+] Building 3.7s (10/10) FINISHED

=> [internal] load build definition from Dockerfile 0.0s

=> => transferring dockerfile: 200B 0.0s

=> [internal] load .dockerignore 0.0s

=> => transferring context: 34B 0.0s

=> [internal] load metadata for docker.io/library/node:alpine 0.0s

=> [internal] load build context 0.0s

=> => transferring context: 1.55kB 0.0s

=> [1/5] FROM docker.io/library/node:alpine 0.0s

=> [2/5] WORKDIR /app 0.0s

=> [3/5] ADD package.json ./ 0.0s

=> [4/5] RUN npm install 3.4s

=> [5/5] ADD . . 0.0s

=> exporting to image 0.1s

=> => exporting layers 0.1s

=> => writing image sha256:4b36ece0828a373a4c29f7734b604f89263ab3cf2cc3ea9c5e1831fa71ebc5cf 0.0s

=> => naming to docker.io/library/nodeapp:v2 0.0s

Use 'docker scan' to run Snyk tests against images to find vulnerabilities and learn how to fix them

harshali15@Harshalis-Air nodeapp % docker imaages

docker: 'imaages' is not a docker command.

See 'docker --help'

harshali15@Harshalis-Air nodeapp % docker imaage ls

docker: 'imaage' is not a docker command.

See 'docker --help'

harshali15@Harshalis-Air nodeapp % docker image ls

REPOSITORY TAG IMAGE ID CREATED SIZE

nodeapp v2 4b36ece0828a 17 seconds ago 173MB

<none> <none> 5838a2cce95c 11 minutes ago 949MB

<none> <none> d15276e72569 21 minutes ago 949MB

<none> <none> d4673b94006e 31 minutes ago 948MB

nodeapp latest 45769207c486 39 minutes ago 948MB

website latest 1d2cc0edc568 58 minutes ago 135MB

<none> <none> a006781b4f57 About an hour ago 135MB

webiste latest 18fd0d7cf9dc About an hour ago 135MB

node alpine 480fe88f670a 5 hours ago 165MB

nginx alpine fb0ef98b42c3 8 days ago 22.1MB

nginx latest 1db0b6ded6ab 9 days ago 135MB

harshali15@Harshalis-Air nodeapp % docker run --name nodeappv2 -d -p 5000:5000 nodeapp:v2

b7e7d95728af910a7f4ef4189c03d789c92a4e7a9da18cf83195e605769aac0c

harshali15@Harshalis-Air nodeapp %

harshali15@Harshalis-Air nodeapp % docker tag nodeapp:latest nodeapp:v1

harshali15@Harshalis-Air nodeapp % docker image ls

REPOSITORY TAG IMAGE ID CREATED SIZE

nodeapp v2 4b36ece0828a 13 minutes ago 173MB

<none> <none> 5838a2cce95c 24 minutes ago 949MB

<none> <none> d15276e72569 34 minutes ago 949MB

<none> <none> d4673b94006e 44 minutes ago 948MB

nodeapp latest 45769207c486 51 minutes ago 948MB

nodeapp v1 45769207c486 51 minutes ago 948MB

website latest 1d2cc0edc568 About an hour ago 135MB

<none> <none> a006781b4f57 About an hour ago 135MB

webiste latest 18fd0d7cf9dc About an hour ago 135MB

node alpine 480fe88f670a 5 hours ago 165MB

nginx alpine fb0ef98b42c3 8 days ago 22.1MB

nginx latest 1db0b6ded6ab 9 days ago 135MB

harshali15@Harshalis-Air nodeapp % docker build -t nodeapp:v2 .

[+] Building 0.2s (10/10) FINISHED

=> [internal] load build definition from Dockerfile 0.0s

=> => transferring dockerfile: 83B 0.0s

=> [internal] load .dockerignore 0.0s

=> => transferring context: 34B 0.0s

=> [internal] load metadata for docker.io/library/node:alpine 0.0s

=> [1/5] FROM docker.io/library/node:alpine 0.0s

=> [internal] load build context 0.0s

=> => transferring context: 2.07kB 0.0s

=> CACHED [2/5] WORKDIR /app 0.0s

=> CACHED [3/5] ADD package.json ./ 0.0s

=> CACHED [4/5] RUN npm install 0.0s

=> [5/5] ADD . . 0.0s

=> exporting to image 0.0s

=> => exporting layers 0.0s

=> => writing image sha256:c14e274d864868590979e23223e9b83dcccc8b9b304b79fc6361681226e5a95f 0.0s

=> => naming to docker.io/library/nodeapp:v2 0.0s

Use 'docker scan' to run Snyk tests against images to find vulnerabilities and learn how to fix them

harshali15@Harshalis-Air nodeapp % docker run --name nodeappv2 -d -p 5001:5000 nodeapp:v2

docker: Error response from daemon: Conflict. The container name "/nodeappv2" is already in use by container "b7e7d95728af910a7f4ef4189c03d789c92a4e7a9da18cf83195e605769aac0c". You have to remove (or rename) that container to be able to reuse that name.

See 'docker run --help'.

harshali15@Harshalis-Air nodeapp % docer rm -f nodeappv2

zsh: command not found: docer

harshali15@Harshalis-Air nodeapp % docker rm -f nodeappv2

nodeappv2

harshali15@Harshalis-Air nodeapp % docker run --name nodeappv2 -d -p 5001:5000 nodeapp:v2

a1a15fafb81ee18ac8d1cef3c3d9741f7ac6c31b90ab9ade1e4966b4ce8fa83e

harshali15@Harshalis-Air nodeapp % docker ps

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

a1a15fafb81e nodeapp:v2 "docker-entrypoint.s…" 5 seconds ago Up 5 seconds 0.0.0.0:5001->5000/tcp nodeappv2

91403ba9fbd7 website:latest "/docker-entrypoint.…" About an hour ago Up About an hour 0.0.0.0:8080->80/tcp website2

harshali15@Harshalis-Air nodeapp % docker run --name nodeappv1 -d -p 5000:5000 nodeapp:v1

b758b68937603e8373413f7c60f20cffc759d49c045ce295edf63354775b851e

harshali15@Harshalis-Air nodeapp % docker ps

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

a1a15fafb81e nodeapp:v2 "docker-entrypoint.s…" 33 seconds ago Up 33 seconds 0.0.0.0:5001->5000/tcp nodeappv2

91403ba9fbd7 website:latest "/docker-entrypoint.…" About an hour ago Up About an hour 0.0.0.0:8080->80/tcp website2

harshali15@Harshalis-Air nodeapp % docker build -t nodeapp:v1 .

[+] Building 0.1s (10/10) FINISHED

=> [internal] load build definition from Dockerfile 0.0s

=> => transferring dockerfile: 83B 0.0s

=> [internal] load .dockerignore 0.0s

=> => transferring context: 34B 0.0s

=> [internal] load metadata for docker.io/library/node:alpine 0.0s

=> [internal] load build context 0.0s

=> => transferring context: 1.55kB 0.0s

=> [1/5] FROM docker.io/library/node:alpine 0.0s

=> CACHED [2/5] WORKDIR /app 0.0s

=> CACHED [3/5] ADD package.json ./ 0.0s

=> CACHED [4/5] RUN npm install 0.0s

=> CACHED [5/5] ADD . . 0.0s

=> exporting to image 0.0s

=> => exporting layers 0.0s

=> => writing image sha256:c14e274d864868590979e23223e9b83dcccc8b9b304b79fc6361681226e5a95f 0.0s

=> => naming to docker.io/library/nodeapp:v1 0.0s

Use 'docker scan' to run Snyk tests against images to find vulnerabilities and learn how to fix them

harshali15@Harshalis-Air nodeapp % docker run --name nodeappv1 -d -p 5001:5001 nodeapp:v1

docker: Error response from daemon: Conflict. The container name "/nodeappv1" is already in use by container "b758b68937603e8373413f7c60f20cffc759d49c045ce295edf63354775b851e". You have to remove (or rename) that container to be able to reuse that name.

See 'docker run --help'.

harshali15@Harshalis-Air nodeapp % docker rm -f nodeappv1

nodeappv1

harshali15@Harshalis-Air nodeapp % docker run --name nodeappv1 -d -p 5001:5000 nodeapp:v1

dd8815c9d87060efb74c609f9a2176a24bdf214f468fee1803a91190c737da7c

docker: Error response from daemon: driver failed programming external connectivity on endpoint nodeappv1 (55cccbacdf731859aa5bc7ba8b666e7bd8420fad06e801813e9432d512983a23): Bind for 0.0.0.0:5001 failed: port is already allocated.

harshali15@Harshalis-Air nodeapp % docker run --name nodeappv1 -d -p 5001:5001 nodeapp:v1

docker: Error response from daemon: Conflict. The container name "/nodeappv1" is already in use by container "dd8815c9d87060efb74c609f9a2176a24bdf214f468fee1803a91190c737da7c". You have to remove (or rename) that container to be able to reuse that name.

See 'docker run --help'.

harshali15@Harshalis-Air nodeapp % docker rm -f nodeappv1

nodeappv1

harshali15@Harshalis-Air nodeapp % docker run --name nodeappv1 -d -p 5001:5001 nodeapp:v1

c1375b651aff2b797b21dba9da9f9d61aa98ef4eee768006b42e6d227fea60f4

docker: Error response from daemon: driver failed programming external connectivity on endpoint nodeappv1 (3b7a04d6c38b3aadb2423db942135d38b8e616ae1a32aa9e44ba82df4d9005ce): Bind for 0.0.0.0:5001 failed: port is already allocated.

harshali15@Harshalis-Air nodeapp % docker ps

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

a1a15fafb81e nodeapp:v2 "docker-entrypoint.s…" About a minute ago Up About a minute 0.0.0.0:5001->5000/tcp nodeappv2

91403ba9fbd7 website:latest "/docker-entrypoint.…" About an hour ago Up About an hour 0.0.0.0:8080->80/tcp website2

harshali15@Harshalis-Air nodeapp % docker run --name nodeappv1 -d -p 5000:5000 nodeapp:v1

docker: Error response from daemon: Conflict. The container name "/nodeappv1" is already in use by container "c1375b651aff2b797b21dba9da9f9d61aa98ef4eee768006b42e6d227fea60f4". You have to remove (or rename) that container to be able to reuse that name.

See 'docker run --help'.

harshali15@Harshalis-Air nodeapp % docker rm -f nodeappv1

nodeappv1

harshali15@Harshalis-Air nodeapp % docker run --name nodeappv1 -d -p 5000:5000 nodeapp:v1

f125fa33a84dfd8b6fe07e249c29523c8cd19aff315bd6ec5a8ff325f56b19bb

harshali15@Harshalis-Air nodeapp % docker ps

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

f125fa33a84d nodeapp:v1 "docker-entrypoint.s…" 3 seconds ago Up 2 seconds 0.0.0.0:5000->5000/tcp nodeappv1

a1a15fafb81e nodeapp:v2 "docker-entrypoint.s…" 2 minutes ago Up 2 minutes 0.0.0.0:5001->5000/tcp nodeappv2

91403ba9fbd7 website:latest "/docker-entrypoint.…" About an hour ago Up About an hour 0.0.0.0:8080->80/tcp website2

harshali15@Harshalis-Air nodeapp % docker run --name nodeapp-latest -d -p 5000:5000 nodeapp:latest

b39c54d3128737267fbe823bded7a5132e43523f7eb7ea6f96c8a01ffd363f12

docker: Error response from daemon: driver failed programming external connectivity on endpoint nodeapp-latest (939b4414c97b3d28ffb280079f5752d2b9a7645820744aba2a22711c0242f00c): Bind for 0.0.0.0:5000 failed: port is already allocated.

harshali15@Harshalis-Air nodeapp % docker run --name nodeapp-latest -d -p 5002:5000 nodeapp:latest

docker: Error response from daemon: Conflict. The container name "/nodeapp-latest" is already in use by container "b39c54d3128737267fbe823bded7a5132e43523f7eb7ea6f96c8a01ffd363f12". You have to remove (or rename) that container to be able to reuse that name.

See 'docker run --help'.

harshali15@Harshalis-Air nodeapp % docker rm -f nodeapp-latest

nodeapp-latest

harshali15@Harshalis-Air nodeapp % docker run --name nodeapp-latest -d -p 5002:5000 nodeapp:latest

d8b22a6a3003ee3bab6912c2b1d56c99c0ec299bd4a80e028d514d602fe24e21

harshali15@Harshalis-Air nodeapp % docker ps

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

f125fa33a84d nodeapp:v1 "docker-entrypoint.s…" 54 seconds ago Up 53 seconds 0.0.0.0:5000->5000/tcp nodeappv1

a1a15fafb81e nodeapp:v2 "docker-entrypoint.s…" 3 minutes ago Up 3 minutes 0.0.0.0:5001->5000/tcp nodeappv2

91403ba9fbd7 website:latest "/docker-entrypoint.…" About an hour ago Up About an hour 0.0.0.0:8080->80/tcp website2

harshali15@Harshalis-Air nodeapp % docker ps -a

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

d8b22a6a3003 nodeapp:latest "docker-entrypoint.s…" 14 seconds ago Exited (1) 13 seconds ago nodeapp-latest

f125fa33a84d nodeapp:v1 "docker-entrypoint.s…" About a minute ago Up About a minute 0.0.0.0:5000->5000/tcp nodeappv1

a1a15fafb81e nodeapp:v2 "docker-entrypoint.s…" 3 minutes ago Up 3 minutes 0.0.0.0:5001->5000/tcp nodeappv2

91403ba9fbd7 website:latest "/docker-entrypoint.…" About an hour ago Up About an hour 0.0.0.0:8080->80/tcp website2

harshali15@Harshalis-Air nodeapp % docker rm -f nodeapp-latest

nodeapp-latest

harshali15@Harshalis-Air nodeapp % docker image ls

REPOSITORY TAG IMAGE ID CREATED SIZE

nodeapp v1 c14e274d8648 5 minutes ago 173MB

nodeapp v2 c14e274d8648 5 minutes ago 173MB

<none> <none> 4b36ece0828a 19 minutes ago 173MB

<none> <none> 5838a2cce95c 31 minutes ago 949MB

<none> <none> d15276e72569 41 minutes ago 949MB

<none> <none> d4673b94006e 50 minutes ago 948MB

nodeapp latest 45769207c486 58 minutes ago 948MB

website latest 1d2cc0edc568 About an hour ago 135MB

<none> <none> a006781b4f57 About an hour ago 135MB

webiste latest 18fd0d7cf9dc About an hour ago 135MB

node alpine 480fe88f670a 5 hours ago 165MB

nginx alpine fb0ef98b42c3 8 days ago 22.1MB

nginx latest 1db0b6ded6ab 9 days ago 135MB

harshali15@Harshalis-Air nodeapp % docker run --name nodeapp-latest-website -d -p 5003:5000 nodeapp:latest

2e65434b177a7e18205b1253a555f4cc76c7015d9ce254ed63a641731cbe819a

harshali15@Harshalis-Air nodeapp % docker ps

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

f125fa33a84d nodeapp:v1 "docker-entrypoint.s…" 3 minutes ago Up 3 minutes 0.0.0.0:5000->5000/tcp nodeappv1

a1a15fafb81e nodeapp:v2 "docker-entrypoint.s…" 6 minutes ago Up 6 minutes 0.0.0.0:5001->5000/tcp nodeappv2

91403ba9fbd7 website:latest "/docker-entrypoint.…" About an hour ago Up About an hour 0.0.0.0:8080->80/tcp website2

harshali15@Harshalis-Air nodeapp % docker ps -a

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

2e65434b177a nodeapp:latest "docker-entrypoint.s…" 21 seconds ago Exited (1) 20 seconds ago nodeapp-latest-website

f125fa33a84d nodeapp:v1 "docker-entrypoint.s…" 4 minutes ago Up 4 minutes 0.0.0.0:5000->5000/tcp nodeappv1

a1a15fafb81e nodeapp:v2 "docker-entrypoint.s…" 6 minutes ago Up 6 minutes 0.0.0.0:5001->5000/tcp nodeappv2

91403ba9fbd7 website:latest "/docker-entrypoint.…" About an hour ago Up About an hour 0.0.0.0:8080->80/tcp website2

harshali15@Harshalis-Air nodeapp % docker build -t nodeapp:v2 .

[+] Building 0.1s (10/10) FINISHED

=> [internal] load build definition from Dockerfile 0.0s

=> => transferring dockerfile: 83B 0.0s

=> [internal] load .dockerignore 0.0s

=> => transferring context: 34B 0.0s

=> [internal] load metadata for docker.io/library/node:alpine 0.0s

=> [1/5] FROM docker.io/library/node:alpine 0.0s

=> [internal] load build context 0.0s

=> => transferring context: 2.06kB 0.0s

=> CACHED [2/5] WORKDIR /app 0.0s

=> CACHED [3/5] ADD package.json ./ 0.0s

=> CACHED [4/5] RUN npm install 0.0s

=> [5/5] ADD . . 0.0s

=> exporting to image 0.0s

=> => exporting layers 0.0s

=> => writing image sha256:2cf377472c64708f54a3fe27146f1a46f450c0d8a2224703044e02bb434d9bdc 0.0s

=> => naming to docker.io/library/nodeapp:v2 0.0s

Use 'docker scan' to run Snyk tests against images to find vulnerabilities and learn how to fix them

harshali15@Harshalis-Air nodeapp % docker run --name nodeappv2 -d -p 5001:5000 nodeapp:v2

docker: Error response from daemon: Conflict. The container name "/nodeappv2" is already in use by container "a1a15fafb81ee18ac8d1cef3c3d9741f7ac6c31b90ab9ade1e4966b4ce8fa83e". You have to remove (or rename) that container to be able to reuse that name.

See 'docker run --help'.

harshali15@Harshalis-Air nodeapp % docker rm -f nodeappv2

nodeappv2

harshali15@Harshalis-Air nodeapp % docker run --name nodeappv2 -d -p 5001:5000 nodeapp:v2

2650ac296348d7bc71bfda37c9b2f2c7741f0fc066e915ca4c49fc4e4f3451f6

harshali15@Harshalis-Air nodeapp % docker ps

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

2650ac296348 nodeapp:v2 "docker-entrypoint.s…" 42 seconds ago Up 42 seconds 0.0.0.0:5001->5000/tcp nodeappv2

f125fa33a84d nodeapp:v1 "docker-entrypoint.s…" 6 minutes ago Up 6 minutes 0.0.0.0:5000->5000/tcp nodeappv1

91403ba9fbd7 website:latest "/docker-entrypoint.…" About an hour ago Up About an hour 0.0.0.0:8080->80/tcp website2

harshali15@Harshalis-Air nodeapp %

harshali15@Harshalis-Air nodeapp % docker tag nodeapp:v1 harshali15041/myapp1:v1

harshali15@Harshalis-Air nodeapp % docker tag nodeapp:v2 harshali15041/myapp1:v2

harshali15@Harshalis-Air nodeapp % docker tag nodeapp:latest harshali15041/myapp1:latest

harshali15@Harshalis-Air nodeapp % docker push harshali15041/myapp1:nodeapp:v1

invalid reference format

harshali15@Harshalis-Air nodeapp % docker push harshali15041/myapp1:v1

The push refers to repository [docker.io/harshali15041/myapp1]

4a761476b9bc: Pushed

05bf8befc2e3: Pushed

971c039906ff: Pushed

ba5eab822f4c: Pushed

d0f405bef8be: Pushed

a15a4d906005: Pushed

f07be56a915d: Pushed

5d3e392a13a0: Pushed

v1: digest: sha256:b5499e91e75faf2cb009f296cd26880a5ed512522aaef63b0d628147d53d1861 size: 1992

harshali15@Harshalis-Air nodeapp % docker push harshali15041/myapp1:v2

The push refers to repository [docker.io/harshali15041/myapp1]

901b9a4ef7da: Pushed

05bf8befc2e3: Layer already exists

971c039906ff: Layer already exists

ba5eab822f4c: Layer already exists

d0f405bef8be: Layer already exists

a15a4d906005: Layer already exists

f07be56a915d: Layer already exists

5d3e392a13a0: Layer already exists

v2: digest: sha256:c5180e6c7496b4dbda288170b3942f25d18721812a408e4e4dd06a78f062760b size: 1992

harshali15@Harshalis-Air nodeapp % docker push harshali15041/myapp1:latest

The push refers to repository [docker.io/harshali15041/myapp1]

c4b63d14d3e7: Pushed

5c27ab62a829: Pushed

83326539a1a7: Pushed

5b830e6dbc80: Mounted from library/node

a620a21dbf91: Mounted from library/node

e1ff5b0ea98d: Mounted from library/node

9c38cb33d95a: Mounted from library/node

17dda7b58b9f: Mounted from library/node

ce32a4d00d58: Mounted from library/node

a589efb1139e: Mounted from library/node

b162c19c7e1a: Mounted from library/node

7346d8f0d212: Mounted from library/node

latest: digest: sha256:d7c152bcffd71d74b1333aeeba79e7e9a990fbb4692b231ba5af07187b30816b size: 2843

harshali15@Harshalis-Air nodeapp %

harshali15@Harshalis-Air nodeapp % docker ps

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

2650ac296348 nodeapp:v2 "docker-entrypoint.s…" 52 minutes ago Up 52 minutes 0.0.0.0:5001->5000/tcp nodeappv2

f125fa33a84d nodeapp:v1 "docker-entrypoint.s…" 58 minutes ago Up 58 minutes 0.0.0.0:5000->5000/tcp nodeappv1

91403ba9fbd7 website:latest "/docker-entrypoint.…" 2 hours ago Up 2 hours 0.0.0.0:8080->80/tcp website2

harshali15@Harshalis-Air nodeapp % docker logs 2650ac296348

server is listening on port 5000...

user hit the resource

harshali15@Harshalis-Air nodeapp % docker exec -it 2650ac296348

"docker exec" requires at least 2 arguments.

See 'docker exec --help'.

Usage: docker exec [OPTIONS] CONTAINER COMMAND [ARG...]

Run a command in a running container

harshali15@Harshalis-Air nodeapp % docker exec -it 2650ac296348 /bin/sh

/app # ls

app.js data.js **final** **methods-public** **node\_modules** package-lock.json package.json **public**

/app # ls -al

total 164

drwxr-xr-x 1 root root 4096 Oct 15 02:18 **.**

drwxr-xr-x 1 root root 4096 Oct 15 02:18 **..**

-rw-r--r-- 1 root root 28 Oct 15 01:34 .dockerignore

-rw-r--r-- 1 root root 13 Oct 13 23:06 .gitignore

-rw-r--r-- 1 root root 560 Oct 15 01:08 app.js

-rw-r--r-- 1 root root 1554 Oct 13 23:06 data.js

drwxr-xr-x 3 root root 4096 Oct 15 02:18 **final**

drwxr-xr-x 2 root root 4096 Oct 15 01:17 **methods-public**

drwxr-xr-x 88 root root 4096 Oct 15 01:56 **node\_modules**

-rw-r--r-- 1 root root 120060 Oct 13 23:58 package-lock.json

-rw-r--r-- 1 root root 348 Oct 15 01:09 package.json

drwxr-xr-x 2 root root 4096 Oct 14 01:11 **public**

/app # cd .

/app # ls

app.js data.js **final** **methods-public** **node\_modules** package-lock.json package.json **public**

/app # cd ..

/ # ls

**app** **bin** **dev** **etc** **home** **lib** **media** **mnt** **opt** **proc** **root** **run** **sbin** **srv** **sys** **tmp** **usr** **var**

/ #