Microsoft Windows [Version 10.0.22631.5126]

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C:\Users\Admin\OneDrive\Desktop\DevOps>docker build -t web-image:v1 .

[+] Building 0.2s (1/1) FINISHED docker:desktop-linux

=> [internal] load build definition from Dockerfile 0.1s

=> => transferring dockerfile: 2B 0.0s

ERROR: failed to solve: failed to read dockerfile: open Dockerfile: no such file or directory

C:\Users\Admin\OneDrive\Desktop\DevOps>dir

Volume in drive C is Windows

Volume Serial Number is D87D-3DAA

Directory of C:\Users\Admin\OneDrive\Desktop\DevOps

03-04-2025 10:02 <DIR> .

03-04-2025 10:00 <DIR> ..

03-04-2025 10:02 322 Dockerfile.txt

02-04-2025 14:52 7,911 index.html

02-04-2025 15:37 14,816 style.css

3 File(s) 23,049 bytes

2 Dir(s) 25,213,857,792 bytes free

C:\Users\Admin\OneDrive\Desktop\DevOps>ren Dockerfile.txt Dockerfile

C:\Users\Admin\OneDrive\Desktop\DevOps>docker build -t web-image:v1 .

[+] Building 19.7s (8/8) FINISHED docker:desktop-linux

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

=> => transferring dockerfile: 361B 0.0s

=> [internal] load metadata for docker.io/library/nginx:alpine 6.2s

=> [auth] library/nginx:pull token for registry-1.docker.io 0.0s

=> [internal] load .dockerignore 0.0s

=> => transferring context: 2B 0.0s

=> [internal] load build context 0.2s

=> => transferring context: 23.17kB 0.1s

=> [1/2] FROM docker.io/library/nginx:alpine@sha256:4ff102c5d78d254a6f0da062b3cf39eaf07f01eec0927fd21e219d0af8bc0591 13.2s

=> => resolve docker.io/library/nginx:alpine@sha256:4ff102c5d78d254a6f0da062b3cf39eaf07f01eec0927fd21e219d0af8bc0591 0.0s

=> => sha256:a71e0884a7f1192ecf5decf062b67d46b54ad63f0cc1b8aa7e705f739a97c2fc 2.50kB / 2.50kB 0.0s

=> => sha256:1ff4bb4faebcfb1f7e01144fa9904a570ab9bab88694457855feb6c6bba3fa07 11.23kB / 11.23kB 0.0s

=> => sha256:4ff102c5d78d254a6f0da062b3cf39eaf07f01eec0927fd21e219d0af8bc0591 10.36kB / 10.36kB 0.0s

=> => sha256:f18232174bc91741fdf3da96d85011092101a032a93a388b79e99e69c2d5c870 3.64MB / 3.64MB 2.5s

=> => sha256:ccc35e35d420d6dd115290f1074afc6ad1c474b6f94897434e6befd33be781d2 1.79MB / 1.79MB 2.8s

=> => sha256:43f2ec460bdf5babee56d7e13b060b308f42cbf2103f6665c349f0b98dac8962 627B / 627B 0.5s

=> => sha256:984583bcf083fa6900b5e7834795a9a57a9b4dfe7448d5350474f5d309625ece 955B / 955B 1.1s

=> => sha256:8d27c072a58f81ecf2425172ac0e5b25010ff2d014f89de35b90104e462568eb 402B / 402B 2.1s

=> => sha256:ab3286a7346303a31b69a5189f63f1414cc1de44e397088dcd07edb322df1fe9 1.21kB / 1.21kB 2.5s

=> => extracting sha256:f18232174bc91741fdf3da96d85011092101a032a93a388b79e99e69c2d5c870 0.2s

=> => sha256:6d79cc6084d434876ce0f038c675d20532f28e476283a29e7e63bc0bf13a4ed6 1.40kB / 1.40kB 2.8s

=> => sha256:0c7e4c092ab716c95e1a8840943549b4ac5e6c5d1a1cc74496528e1b03e1e67a 15.38MB / 15.38MB 10.0s

=> => extracting sha256:ccc35e35d420d6dd115290f1074afc6ad1c474b6f94897434e6befd33be781d2 0.1s

=> => extracting sha256:43f2ec460bdf5babee56d7e13b060b308f42cbf2103f6665c349f0b98dac8962 0.0s

=> => extracting sha256:984583bcf083fa6900b5e7834795a9a57a9b4dfe7448d5350474f5d309625ece 0.0s

=> => extracting sha256:8d27c072a58f81ecf2425172ac0e5b25010ff2d014f89de35b90104e462568eb 0.0s

=> => extracting sha256:ab3286a7346303a31b69a5189f63f1414cc1de44e397088dcd07edb322df1fe9 0.0s

=> => extracting sha256:6d79cc6084d434876ce0f038c675d20532f28e476283a29e7e63bc0bf13a4ed6 0.0s

=> => extracting sha256:0c7e4c092ab716c95e1a8840943549b4ac5e6c5d1a1cc74496528e1b03e1e67a 2.4s

=> [2/2] COPY . /usr/share/nginx/html 0.1s

=> exporting to image 0.1s

=> => exporting layers 0.0s

=> => writing image sha256:10a63babb42c01c6fa6741a81892f1329493ed44cb2be3d3e890ace255ab9f44 0.0s

=> => naming to docker.io/library/web-image:v1 0.0s

C:\Users\Admin\OneDrive\Desktop\DevOps>docker images

REPOSITORY TAG IMAGE ID CREATED SIZE

web-image v1 10a63babb42c 53 seconds ago 47.9MB

docker/welcome-to-docker latest c1f619b6477e 17 months ago 18.6MB

C:\Users\Admin\OneDrive\Desktop\DevOps>docker run --name my-nginx -v $(pwd)/html:/usr/share/nginx/html -p 8080:80 -d web-image:v1

docker: Error response from daemon: create $(pwd)/html: "$(pwd)/html" includes invalid characters for a local volume name, only "[a-zA-Z0-9][a-zA-Z0-9\_.-]" are allowed. If you intended to pass a host directory, use absolute path

Run 'docker run --help' for more information

C:\Users\Admin\OneDrive\Desktop\DevOps>docker run --name my-nginx -v C:\Users\Admin\OneDrive\Desktop\DevOps\html:/usr/share/nginx/html -p 8080:80 -d web-image:v1

8dce5bb78b5a0037e2bf18a97c8a039a51c7d33f7060db6c2d1609d5c961412e

C:\Users\Admin\OneDrive\Desktop\DevOps>docker ps

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

8dce5bb78b5a web-image:v1 "/docker-entrypoint.…" 15 seconds ago Up 14 seconds 0.0.0.0:8080->80/tcp my-nginx

C:\Users\Admin\OneDrive\Desktop\DevOps>http://localhost:8080

'http:' is not recognized as an internal or external command,

operable program or batch file.

C:\Users\Admin\OneDrive\Desktop\DevOps>https://localhost:8080

'https:' is not recognized as an internal or external command,

operable program or batch file.

C:\Users\Admin\OneDrive\Desktop\DevOps>start http://localhost:8080

C:\Users\Admin\OneDrive\Desktop\DevOps>cd C:\Users\Admin\OneDrive\Desktop\DevOps\html

C:\Users\Admin\OneDrive\Desktop\DevOps\html>chmod -R 755 /usr/share/nginx/html

'chmod' is not recognized as an internal or external command,

operable program or batch file.

C:\Users\Admin\OneDrive\Desktop\DevOps\html>docker stop my-nginx

my-nginx

C:\Users\Admin\OneDrive\Desktop\DevOps\html>docker rm my-nginx

my-nginx

C:\Users\Admin\OneDrive\Desktop\DevOps\html>docker run --name my-nginx -v C:\Users\Admin\OneDrive\Desktop\DevOps\html:/usr/share/nginx/html -p 8080:80 -d web-image:v1

383b5b094645730371882a021a786bc52c95051894bb9231d5cee30d540316bd

C:\Users\Admin\OneDrive\Desktop\DevOps\html>start http://localhost:8080

C:\Users\Admin\OneDrive\Desktop\DevOps\html>docker stop my-nginx

my-nginx

C:\Users\Admin\OneDrive\Desktop\DevOps\html>docker rm my-nginx

my-nginx

C:\Users\Admin\OneDrive\Desktop\DevOps\html>docker run --name my-nginx -v C:\Users\Admin\OneDrive\Desktop\DevOps\html:/usr/share/nginx/html -p 8080:80 -d web-image:v1

a0732325e36244abf39605215ffa0f4ac226ca63a69672405e0ed0bfbd728c28

C:\Users\Admin\OneDrive\Desktop\DevOps\html>start http://localhost:8080

C:\Users\Admin\OneDrive\Desktop\DevOps\html>icacls "C:\Users\Admin\OneDrive\Desktop\DevOps\html" /grant Everyone:(OI)(CI)F /T

processed file: C:\Users\Admin\OneDrive\Desktop\DevOps\html

Successfully processed 1 files; Failed processing 0 files

C:\Users\Admin\OneDrive\Desktop\DevOps\html>docker stop my-nginx

my-nginx

C:\Users\Admin\OneDrive\Desktop\DevOps\html>docker rm my-nginx

my-nginx

C:\Users\Admin\OneDrive\Desktop\DevOps\html>docker run --name my-nginx -v C:\Users\Admin\OneDrive\Desktop\DevOps\html:/usr/share/nginx/html -p 8080:80 -d web-image:v1

70295b8846818884b3207de7a9dcc938662bb8459d5044df2cc42092b67cbe9d

C:\Users\Admin\OneDrive\Desktop\DevOps\html>start http://localhost:8080

C:\Users\Admin\OneDrive\Desktop\DevOps\html>chmod -R 755 /usr/share/nginx/html

'chmod' is not recognized as an internal or external command,

operable program or batch file.

C:\Users\Admin\OneDrive\Desktop\DevOps\html>echo "<h1>Welcome to Nginx</h1>" > index.html

C:\Users\Admin\OneDrive\Desktop\DevOps\html>docker run --name my-nginx -v C:\Users\Admin\OneDrive\Desktop\DevOps\html:/usr/share/nginx/html -p 8080:80 -d web-image:v1

docker: Error response from daemon: Conflict. The container name "/my-nginx" is already in use by container "70295b8846818884b3207de7a9dcc938662bb8459d5044df2cc42092b67cbe9d". You have to remove (or rename) that container to be able to reuse that name.

Run 'docker run --help' for more information

C:\Users\Admin\OneDrive\Desktop\DevOps\html>docker run --name my-nginx -v C:\Users\Admin\OneDrive\Desktop\DevOps\html:/usr/share/nginx/html -p 8080:80 -d web-image:v1

docker: Error response from daemon: Conflict. The container name "/my-nginx" is already in use by container "70295b8846818884b3207de7a9dcc938662bb8459d5044df2cc42092b67cbe9d". You have to remove (or rename) that container to be able to reuse that name.

Run 'docker run --help' for more information

C:\Users\Admin\OneDrive\Desktop\DevOps\html>start http://localhost:8080

C:\Users\Admin\OneDrive\Desktop\DevOps\html>