<https://www.freecodecamp.org/news/a-beginners-guide-to-docker-how-to-create-your-first-docker-application-cc03de9b639f/>

[ Maybe later

<https://www.freecodecamp.org/news/the-docker-handbook/>

]

<https://docs.docker.com/desktop/install/windows-install/>

Need computer restart

C:\Users\bball>docker run --name repo alpine/git clone https://github.com/

docker/getting-started.git

docker: Error response from daemon: Conflict. The container name "/repo" i

s already in use by container "431c818257a71d71213a5bc1e9adfe8a779fedb3847

b1aa7d5fb0a6cf0fb1939". You have to remove (or rename) that container to b

e able to reuse that name.

See 'docker run --help'.

C:\Users\bball>docker cp repo:/git/getting-started/ .

Error: No such container:path: repo:/git/getting-started/

C:\Users\bball>docker system prune -f

Deleted Containers:

431c818257a71d71213a5bc1e9adfe8a779fedb3847b1aa7d5fb0a6cf0fb1939

Total reclaimed space: 0B

C:\Users\bball>docker rm -f repo

Error: No such container: repo

C:\Users\bball>cd C:\David\my\_repos\_dwb

C:\David\my\_repos\_dwb>ls

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

operable program or batch file.

C:\David\my\_repos\_dwb>docker run --name repo alpine/git clone https://gith

ub.com/docker/getting-started.git

Cloning into 'getting-started'...

C:\David\my\_repos\_dwb>docker cp repo:/git/getting-started/ .

C:\David\my\_repos\_dwb>dir

Volume in drive C is Windows-SSD

Volume Serial Number is AE3F-8272

Directory of C:\David\my\_repos\_dwb

03/22/2023 07:43 AM <DIR> .

03/22/2023 07:43 AM <DIR> ..

03/11/2023 05:08 PM 1,928 .some\_random\_git\_ignore

03/16/2023 10:23 PM <DIR> courses\_tutorials\_etc

03/11/2023 03:46 PM <DIR> Deep3DFaceRecon\_pytorch

03/03/2023 07:34 PM <DIR> DFT\_and\_Sampling

03/11/2023 10:50 AM <DIR> dwb\_util

03/21/2023 10:29 PM <DIR> general\_reference\_info\_and\_logs

03/22/2023 07:43 AM <DIR> getting-started

03/08/2023 08:17 PM 127,983 GitHub Skills.pdf

03/21/2023 07:21 PM <DIR> higgs\_boson\_visualized

03/21/2023 05:26 PM <DIR> higgs\_for\_help

03/22/2023 07:21 AM <DIR> INBOX\_To\_Upload\_to\_GDrive

03/08/2023 08:11 PM 237,845 Intro\_to\_Deep\_Learning\_deeplizard\_s

tart\_2023-02-06.ipynb

03/04/2023 10:31 PM <DIR> learn\_linux\_blftpp

02/25/2023 10:35 PM <DIR> lots\_of\_datasets

02/25/2023 09:37 PM <DIR> lots\_of\_datasets\_finding\_material

03/18/2023 11:09 PM <DIR> my\_pet\_projects

03/16/2023 07:16 PM <DIR> Probabilistic-Programming-and-Bayes

ian-Methods-for-Hackers

03/12/2023 05:36 PM <DIR> quick\_test\_prep

03/15/2023 05:09 PM <DIR> visualization\_portfolio

03/11/2023 12:05 PM <DIR> vlists

03/10/2023 11:09 PM <DIR> \_\_other

3 File(s) 367,756 bytes

20 Dir(s) 49,090,498,560 bytes free

C:\David\my\_repos\_dwb>

Success this time!

C:\David\my\_repos\_dwb>cd getting-started

C:\David\my\_repos\_dwb\getting-started>docker build -t docker101tutorial .

[+] Building 54.2s (27/27) FINISHED

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

=> => transferring dockerfile: 1.22kB 0.0s

=> [internal] load .dockerignore 0.0s

=> => transferring context: 67B 0.0s

=> [internal] load metadata for docker.io/library/nginx:alpine 2.5s

=> [internal] load metadata for docker.io/library/python:alpine 2.6s

=> [internal] load metadata for docker.io/library/node:18-alpine 2.5s

=> [stage-6 1/3] FROM docker.io/library/nginx:alpine@sha256:63183 15.7s

=> => resolve docker.io/library/nginx:alpine@sha256:6318314189b40e 0.1s

=> => sha256:6318314189b40e73145a48060bff4783a116c 1.65kB / 1.65kB 0.0s

=> => sha256:3eb380b81387e9f2a49cb6e5e18db016e33d6 1.78kB / 1.78kB 0.0s

=> => sha256:2bc7edbc3cf2fce630a95d0586c48cd248e 16.35kB / 16.35kB 0.0s

=> => sha256:63b65145d645c1250c391b2d16ebe53b3747c 3.37MB / 3.37MB 1.1s

=> => extracting sha256:63b65145d645c1250c391b2d16ebe53b3747c295c 50.1s

=> => sha256:8c7e1fd9638084ba511aec1cf01d0f8e40652 1.80MB / 1.80MB 8.8s

=> => extracting sha256:8c7e1fd9638084ba511aec1cf01d0f8e406520605d 0.2s

=> => sha256:86c5246c96dbb77b446cfbd8caeaa7d71bbac0648 627B / 627B 9.2s

=> => extracting sha256:86c5246c96dbb77b446cfbd8caeaa7d71bbac06483 0.0s

=> => sha256:b874033c43fb2c911c74a6f9dc209b76bb4131c69 956B / 956B 9.4s

=> => extracting sha256:b874033c43fb2c911c74a6f9dc209b76bb4131c699 0.0s

=> => sha256:dbe1551bd73f2a91dc74c53156da4d2dd38074f14 772B / 772B 9.7s

=> => extracting sha256:dbe1551bd73f2a91dc74c53156da4d2dd38074f14a 0.0s

=> => sha256:0d4f6b3f3de69252af87911eaab1781b4316 1.40kB / 1.40kB 10.0s

=> => extracting sha256:0d4f6b3f3de69252af87911eaab1781b43161bafdf 0.0s

=> => sha256:2a41f256c40f00d75b71a31444da307b5a 11.49MB / 11.49MB 14.7s

=> => extracting sha256:2a41f256c40f00d75b71a31444da307b5a1884c3af 0.5s

=> [app-base 1/5] FROM docker.io/library/node:18-alpine@sha256:ff 14.8s

=> => resolve docker.io/library/node:18-alpine@sha256:ffc770cdc09c 0.1s

=> => sha256:ffc770cdc09c9e83cccd99d663bb6ed56cfaa 1.43kB / 1.43kB 0.0s

=> => sha256:19eaf41f3b8c2ac2f609ac8103f9246a6a6d4 1.16kB / 1.16kB 0.0s

=> => sha256:f520ad35ba68f1ed1301a5eda87eaa722e468 6.48kB / 6.48kB 0.0s

=> => sha256:63b65145d645c1250c391b2d16ebe53b3747c 3.37MB / 3.37MB 1.1s

=> => sha256:f41005eb563ce84e6c742a787d6a598fde 47.54MB / 47.54MB 11.3s

=> => extracting sha256:63b65145d645c1250c391b2d16ebe53b3747c295c 50.1s

=> => sha256:69dcb013f10fed3864b0f9915d6721b09f0c6 2.35MB / 2.35MB 5.8s

=> => sha256:00a00d31565028f3c00c64959dafe4587320e8c99 449B / 449B 6.1s

=> => extracting sha256:f41005eb563ce84e6c742a787d6a598fde273c134e 2.8s

=> => extracting sha256:69dcb013f10fed3864b0f9915d6721b09f0c6717e5 0.1s

=> => extracting sha256:00a00d31565028f3c00c64959dafe4587320e8c99a 0.0s

=> [base 1/4] FROM docker.io/library/python:alpine@sha256:741e650 16.7s

=> => resolve docker.io/library/python:alpine@sha256:741e650697a50 0.0s

=> => sha256:781eddb6f34207e2b80d9ac0c81f1edde 622.90kB / 622.90kB 0.4s

=> => sha256:741e650697a506f0991ef88490320dee59f9e 1.65kB / 1.65kB 0.0s

=> => sha256:4b7bbe66de3c3ff042f0a81fd3c20f993accc 1.37kB / 1.37kB 0.0s

=> => sha256:7bc17fb245bdf26df10196ea0ab7cb4c1dbbe 7.34kB / 7.34kB 0.0s

=> => sha256:63b65145d645c1250c391b2d16ebe53b3747c 3.37MB / 3.37MB 1.2s

=> => sha256:0b05af06b5194af09bda2ee287f02f887a 12.46MB / 12.46MB 15.3s

=> => sha256:21c32060d5e22e4292410288a34314f9ab518a5df 230B / 230B 0.8s

=> => sha256:8ced40fb1e4201d32de2f1b782b4becf1a5ec 3.06MB / 3.06MB 1.6s

=> => extracting sha256:63b65145d645c1250c391b2d16ebe53b3747c295ca 0.2s

=> => extracting sha256:781eddb6f34207e2b80d9ac0c81f1edde119e3ed06 0.2s

=> => extracting sha256:0b05af06b5194af09bda2ee287f02f887ab50cb3d3 0.6s

=> => extracting sha256:21c32060d5e22e4292410288a34314f9ab518a5df2 0.0s

=> => extracting sha256:8ced40fb1e4201d32de2f1b782b4becf1a5ec8a754 0.3s

=> [internal] load build context 0.4s

=> => transferring context: 12.86MB 0.3s

=> [app-base 2/5] WORKDIR /app 0.6s

=> [app-base 3/5] COPY app/package.json app/yarn.lock ./ 0.2s

=> [app-base 4/5] COPY app/spec ./spec 0.1s

=> [app-base 5/5] COPY app/src ./src 0.1s

=> [test 1/2] RUN yarn install 24.9s

=> [base 2/4] WORKDIR /app 0.1s

=> [base 3/4] COPY requirements.txt . 0.0s

=> [base 4/4] RUN pip install -r requirements.txt 32.4s

=> [test 2/2] RUN yarn test 4.9s

=> [app-zip-creator 1/4] COPY --from=test /app/package.json /app/y 0.1s

=> [app-zip-creator 2/4] COPY app/spec ./spec 0.1s

=> [app-zip-creator 3/4] COPY app/src ./src 0.1s

=> [app-zip-creator 4/4] RUN apk add zip && zip -r /app.zip /a 3.8s

=> [build 1/2] COPY . . 0.1s

=> [build 2/2] RUN mkdocs build 1.8s

=> [stage-6 2/3] COPY --from=app-zip-creator /app.zip /usr/share/n 0.1s

=> [stage-6 3/3] COPY --from=build /app/site /usr/share/nginx/html 0.1s

=> exporting to image 0.1s

=> => exporting layers 0.1s

=> => writing image sha256:b56fda95ce02927e8c4cded32a84d1259d12f1a 0.0s

=> => naming to docker.io/library/docker101tutorial 0.0s

C:\David\my\_repos\_dwb\getting-started>

That's good. I accidentally clicked the thing that started the command several times, thinking it would take me to the next part of the tutorial.

C:\David\my\_repos\_dwb\getting-started>:: oops

C:\David\my\_repos\_dwb\getting-started># oops

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

operable program or batch file.

C:\David\my\_repos\_dwb\getting-started>:: I'm on CMD, woot.

C:\David\my\_repos\_dwb\getting-started>

C:\David\my\_repos\_dwb\getting-started>systeminfo

Host Name: DESKTOP-64E7VFT

OS Name: Microsoft Windows 10 Home

OS Version: 10.0.19045 N/A Build 19045

OS Manufacturer: Microsoft Corporation

OS Configuration: Standalone Workstation

OS Build Type: Multiprocessor Free

Registered Owner: Anastasia.Victoria.Black@gmail.com

Registered Organization:

Product ID: 00325-81455-84907-AAOEM

Original Install Date: 6/4/2021, 11:43:22 AM

System Boot Time: 3/22/2023, 7:19:19 AM

System Manufacturer: LENOVO

System Model: 81SS

System Type: x64-based PC

Processor(s): 1 Processor(s) Installed.

[01]: AMD64 Family 23 Model 24 Stepping 1 Authe

nticAMD ~2100 Mhz

BIOS Version: LENOVO AGCN28WW(V1.11), 1/27/2021

Windows Directory: C:\WINDOWS

System Directory: C:\WINDOWS\system32

Boot Device: \Device\HarddiskVolume1

System Locale: en-us;English (United States)

Input Locale: en-us;English (United States)

Time Zone: (UTC-07:00) Mountain Time (US & Canada)

Total Physical Memory: 10,179 MB

Available Physical Memory: 1,774 MB

Virtual Memory: Max Size: 22,467 MB

Virtual Memory: Available: 11,728 MB

Virtual Memory: In Use: 10,739 MB

Page File Location(s): C:\pagefile.sys

Domain: WORKGROUP

Logon Server: \\DESKTOP-64E7VFT

Hotfix(s): 22 Hotfix(s) Installed.

[01]: KB5022502

[02]: KB4562830

[03]: KB4570334

[04]: KB4580325

[05]: KB4586864

[06]: KB5000736

[07]: KB5012170

[08]: KB5015684

[09]: KB5023696

[10]: KB5006753

[11]: KB5007273

[12]: KB5011352

[13]: KB5011651

[14]: KB5014032

[15]: KB5014035

[16]: KB5014671

[17]: KB5015895

[18]: KB5016705

[19]: KB5018506

[20]: KB5020372

[21]: KB5022924

[22]: KB5005699

Network Card(s): 2 NIC(s) Installed.

[01]: Realtek 8822BE Wireless LAN 802.11ac PCI-

E NIC

Connection Name: Wi-Fi

DHCP Enabled: Yes

DHCP Server: 10.0.0.1

IP address(es)

[01]: 10.0.0.34

[02]: fe80::d2d1:188c:5db9:80b9

[03]: 2601:681:5f00:6220:149c:7afb:2375:c

088

[04]: 2601:681:5f00:6220:144c:135e:90ba:1

024

[05]: 2601:681:5f00:6220::c54f

[02]: Hyper-V Virtual Ethernet Adapter

Connection Name: vEthernet (WSL)

DHCP Enabled: No

IP address(es)

[01]: 172.27.224.1

[02]: fe80::7da6:bca6:194a:38c0

Hyper-V Requirements: A hypervisor has been detected. Features requir

ed for Hyper-V will not be displayed.

C:\David\my\_repos\_dwb\getting-started>:: If I unerstood instructions corre

ctly, it's running on Hyper-V

C:\David\my\_repos\_dwb\getting-started>:: No WSL here (I think I would

C:\David\my\_repos\_dwb\getting-started>:: need to be on Anastasia's

C:\David\my\_repos\_dwb\getting-started>:: account.

C:\David\my\_repos\_dwb\getting-started>

C:\David\my\_repos\_dwb\getting-started>

C:\David\my\_repos\_dwb\getting-started>

C:\David\my\_repos\_dwb\getting-started>

C:\David\my\_repos\_dwb\getting-started>docker run -d -p 80:80 --name docker

-tutorial docker101tutorial

7fbfef68d92f3a46330a9a6edfe9100b1668e66d2b47d9259938af454b823a23

C:\David\my\_repos\_dwb\getting-started>docker run -d -p 80:80 --name docker

-tutorial docker101tutorial

docker: Error response from daemon: Conflict. The container name "/docker-

tutorial" is already in use by container "7fbfef68d92f3a46330a9a6edfe9100b

1668e66d2b47d9259938af454b823a23". You have to remove (or rename) that con

tainer to be able to reuse that name.

See 'docker run --help'.

C:\David\my\_repos\_dwb\getting-started>docker run -d -p 80:80 --name docker

-tutorial docker101tutorial

docker: Error response from daemon: Conflict. The container name "/docker-

tutorial" is already in use by container "7fbfef68d92f3a46330a9a6edfe9100b

1668e66d2b47d9259938af454b823a23". You have to remove (or rename) that con

tainer to be able to reuse that name.

See 'docker run --help'.

C:\David\my\_repos\_dwb\getting-started>docker tag docker101tutorial bballda

ve025/docker101tutorial

C:\David\my\_repos\_dwb\getting-started>docker push bballdave025/docker101tu

torial

Using default tag: latest

The push refers to repository [docker.io/bballdave025/docker101tutorial]

2925231bf40e: Pushed

f3c53205e485: Pushed

042cd3f87f43: Mounted from library/nginx

f1bee861c2ba: Mounted from library/nginx

c4d67a5827ca: Mounted from library/nginx

152a948bab3b: Mounted from library/nginx

5e59460a18a3: Mounted from library/nginx

d8a5a02a8c2d: Mounted from library/nginx

7cd52847ad77: Mounted from library/python

latest: digest: sha256:c61ae3f8dfa87b9e26aafc18a762aa6ec75853bc2ccabb1afc5

05950e1afaf6d size: 2203

C:\David\my\_repos\_dwb\getting-started>

Okay, not so funny, and we have the weird copy/paste on multiple lines

<https://web.archive.org/web/20230322134400/https://stackoverflow.com/questions/67577684/docker-setup-cannot-clone-the-repository-because-container-name-already-taken>

gafds

Gklasf;

font

d