Creating CA: C:\Users\91902\.docker\machine\certs\ca.pem

Creating client certificate: C:\Users\91902\.docker\machine\certs\cert.pem

Running pre-create checks...

(default) Image cache directory does not exist, creating it at C:\Users\91902\.docker\machine\cache...

(default) No default Boot2Docker ISO found locally, downloading the latest release...

(default) Latest release for github.com/boot2docker/boot2docker is v19.03.5

(default) Downloading C:\Users\91902\.docker\machine\cache\boot2docker.iso from https://github.com/boot2docker/boot2docker/releases/download/v19.03.5/boot2docker.iso...

(default) 0%....10%....20%....30%....40%....50%....60%....70%....80%....90%....100%

Creating machine...

(default) Copying C:\Users\91902\.docker\machine\cache\boot2docker.iso to C:\Users\91902\.docker\machine\machines\default\boot2docker.iso...

(default) Creating VirtualBox VM...

(default) Creating SSH key...

(default) Starting the VM...

(default) Check network to re-create if needed...

(default) Windows might ask for the permission to create a network adapter. Sometimes, such confirmation window is minimized in the taskbar.

(default) Found a new host-only adapter: "VirtualBox Host-Only Ethernet Adapter #2"

(default) Windows might ask for the permission to configure a network adapter. Sometimes, such confirmation window is minimized in the taskbar.

(default) Windows might ask for the permission to configure a dhcp server. Sometimes, such confirmation window is minimized in the taskbar.

(default) Waiting for an IP...

Waiting for machine to be running, this may take a few minutes...

Detecting operating system of created instance...

Waiting for SSH to be available...

Detecting the provisioner...

Provisioning with boot2docker...

Copying certs to the local machine directory...

Copying certs to the remote machine...

Setting Docker configuration on the remote daemon...

Checking connection to Docker...

Docker is up and running!

To see how to connect your Docker Client to the Docker Engine running on this virtual machine, run: C:\Program Files\Docker Toolbox\docker-machine.exe env default

## .

## ## ## ==

## ## ## ## ## ===

/"""""""""""""""""\\_\_\_/ ===

~~~ {~~ ~~~~ ~~~ ~~~~ ~~~ ~ / ===- ~~~

\\_\_\_\_\_\_ o \_\_/

\ \ \_\_/

\\_\_\_\_\\_\_\_\_\_\_\_/

docker is configured to use the default machine with IP 192.168.99.100

For help getting started, check out the docs at https://docs.docker.com

Start interactive shell

91902@LAPTOP-MBJ63ST6 MINGW64 /c/Program Files/Docker Toolbox

$ docker

Usage: docker [OPTIONS] COMMAND

A self-sufficient runtime for containers

Options:

--config string Location of client config files (default

"C:\\Users\\91902\\.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

"C:\\Users\\91902\\.docker\\machine\\machines\\default\\ca.pem")

--tlscert string Path to TLS certificate file (default

"C:\\Users\\91902\\.docker\\machine\\machines\\default\\cert.pem")

--tlskey string Path to TLS key file (default

"C:\\Users\\91902\\.docker\\machine\\machines\\default\\key.pem")

--tlsverify Use TLS and verify the remote (default true)

-v, --version Print version information and quit

Management Commands:

builder Manage builds

config Manage Docker configs

container Manage containers

context Manage contexts

image Manage images

network Manage networks

node Manage Swarm nodes

plugin Manage plugins

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.

91902@LAPTOP-MBJ63ST6 MINGW64 /c/Program Files/Docker Toolbox

$ docker system prune -a

WARNING! This will remove:

- all stopped containers

- all networks not used by at least one container

- all images without at least one container associated to them

- all build cache

Are you sure you want to continue? [y/N] y

Total reclaimed space: 0B

91902@LAPTOP-MBJ63ST6 MINGW64 /c/Program Files/Docker Toolbox

$ docker ps-a

docker: 'ps-a' is not a docker command.

See 'docker --help'

91902@LAPTOP-MBJ63ST6 MINGW64 /c/Program Files/Docker Toolbox

$ docker ps -a

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

91902@LAPTOP-MBJ63ST6 MINGW64 /c/Program Files/Docker Toolbox

$ docker images

REPOSITORY TAG IMAGE ID CREATED SIZE

91902@LAPTOP-MBJ63ST6 MINGW64 /c/Program Files/Docker Toolbox

$ docker run hello world

Unable to find image 'hello:latest' locally

C:\Program Files\Docker Toolbox\docker.exe: Error response from daemon: pull access denied for hello, repository does not exist or may require 'docker login': denied: requested access to the resource is denied.

See 'C:\Program Files\Docker Toolbox\docker.exe run --help'.

91902@LAPTOP-MBJ63ST6 MINGW64 /c/Program Files/Docker Toolbox

$ docker run hello-world

Unable to find image 'hello-world:latest' locally

latest: Pulling from library/hello-world

1b930d010525: Pull complete Digest: sha256:fc6a51919cfeb2e6763f62b6d9e8815acbf7cd2e476ea353743570610737b752

Status: Downloaded newer image for hello-world:latest

Hello from Docker!

This message shows that your installation appears to be working correctly.

To generate this message, Docker took the following steps:

1. The Docker client contacted the Docker daemon.

2. The Docker daemon pulled the "hello-world" image from the Docker Hub.

(amd64)

3. The Docker daemon created a new container from that image which runs the

executable that produces the output you are currently reading.

4. The Docker daemon streamed that output to the Docker client, which sent it

to your terminal.

To try something more ambitious, you can run an Ubuntu container with:

$ docker run -it ubuntu bash

Share images, automate workflows, and more with a free Docker ID:

https://hub.docker.com/

For more examples and ideas, visit:

https://docs.docker.com/get-started/

91902@LAPTOP-MBJ63ST6 MINGW64 /c/Program Files/Docker Toolbox

$ mkdir dockerdemo

mkdir: cannot create directory ‘dockerdemo’: Permission denied

91902@LAPTOP-MBJ63ST6 MINGW64 /c/Program Files/Docker Toolbox

$ docker build D:\GreyAtom\KerasDemo

unable to prepare context: path "D:GreyAtomKerasDemo" not found

91902@LAPTOP-MBJ63ST6 MINGW64 /c/Program Files/Docker Toolbox

$ cd D:\GreyAtom\KerasDemo

bash: cd: D:GreyAtomKerasDemo: No such file or directory

91902@LAPTOP-MBJ63ST6 MINGW64 /c/Program Files/Docker Toolbox

$ cd D:\GreyAtom\DockerDemo

bash: cd: D:GreyAtomDockerDemo: No such file or directory

91902@LAPTOP-MBJ63ST6 MINGW64 /c/Program Files/Docker Toolbox

$ cd D:\GreyAtom\DockerDemo

bash: cd: D:GreyAtomDockerDemo: No such file or directory

91902@LAPTOP-MBJ63ST6 MINGW64 /c/Program Files/Docker Toolbox

$ cd D

bash: cd: D: No such file or directory

91902@LAPTOP-MBJ63ST6 MINGW64 /c/Program Files/Docker Toolbox

$ cd /D

91902@LAPTOP-MBJ63ST6 MINGW64 /D

$ cd D:\GreyAtom\DockerDemo

bash: cd: D:GreyAtomDockerDemo: No such file or directory

91902@LAPTOP-MBJ63ST6 MINGW64 /D

$ cd D:\GreyAtom

91902@LAPTOP-MBJ63ST6 MINGW64 /d/GreyAtom

$ cd D:\GreyAtom\DockerDemo

bash: cd: D:GreyAtomDockerDemo: No such file or directory

91902@LAPTOP-MBJ63ST6 MINGW64 /d/GreyAtom

$ cd /DockerDemo

bash: cd: /DockerDemo: No such file or directory

91902@LAPTOP-MBJ63ST6 MINGW64 /d/GreyAtom

$ cd /DockerDemo

bash: cd: /DockerDemo: No such file or directory

91902@LAPTOP-MBJ63ST6 MINGW64 /d/GreyAtom

$ cd D:\GreyAtom\DockerDemo

bash: cd: D:GreyAtomDockerDemo: No such file or directory

91902@LAPTOP-MBJ63ST6 MINGW64 /d/GreyAtom

$ cd D:/GreyAtom/DockerDemo

91902@LAPTOP-MBJ63ST6 MINGW64 /d/GreyAtom/DockerDemo

$ docker build -t sk-learn:latest .

unable to prepare context: unable to evaluate symlinks in Dockerfile path: CreateFile D:\GreyAtom\DockerDemo\Dockerfile: The system cannot find the file specified.

91902@LAPTOP-MBJ63ST6 MINGW64 /d/GreyAtom/DockerDemo

$ docker build -t sk-learn:latest .

unable to prepare context: unable to evaluate symlinks in Dockerfile path: CreateFile D:\GreyAtom\DockerDemo\Dockerfile: The system cannot find the file specified.

91902@LAPTOP-MBJ63ST6 MINGW64 /d/GreyAtom/DockerDemo

$ docker build -t sk-learn:latest .

Sending build context to Docker daemon 2.048kB

Error response from daemon: Dockerfile parse error line 1: FROM requires either one or three arguments

91902@LAPTOP-MBJ63ST6 MINGW64 /d/GreyAtom/DockerDemo

$ docker build -t sk-learn:latest .

Sending build context to Docker daemon 2.048kB

Error response from daemon: Dockerfile parse error line 1: FROM requires either one or three arguments

91902@LAPTOP-MBJ63ST6 MINGW64 /d/GreyAtom/DockerDemo

$ docker build -t sk-learn:latest .

Sending build context to Docker daemon 2.048kB

Error response from daemon: Dockerfile parse error line 1: FROM requires either one or three arguments

91902@LAPTOP-MBJ63ST6 MINGW64 /d/GreyAtom/DockerDemo

$ docker build -t test:latest .

Sending build context to Docker daemon 2.048kB

Error response from daemon: Dockerfile parse error line 1: FROM requires either one or three arguments

91902@LAPTOP-MBJ63ST6 MINGW64 /d/GreyAtom/DockerDemo

$ dir

DockerFile

91902@LAPTOP-MBJ63ST6 MINGW64 /d/GreyAtom/DockerDemo

$ docker build -t test:latest .

Sending build context to Docker daemon 2.048kB

Error response from daemon: Dockerfile parse error line 1: FROM requires either one or three arguments

91902@LAPTOP-MBJ63ST6 MINGW64 /d/GreyAtom/DockerDemo

$ docker build -t test:latest .

Sending build context to Docker daemon 2.048kB

Step 1/3 : FROM python:3.6

3.6: Pulling from library/python

dc65f448a2e2: Pull complete 346ffb2b67d7: Pull complete dea4ecac934f: Pull complete 8ac92ddf84b3: Pull complete a3ca60abc08a: Pull complete c3b874b43f86: Pull complete 465553161802: Pull complete 48a6aaac4f1e: Pull complete 24817f242d67: Pull complete Digest: sha256:8adf67de8bc2254c5d7ce0a9584cd5f600b074d79e9692eb5b51300bf7c351ae

Status: Downloaded newer image for python:3.6

---> 971c66f6a27f

Step 2/3 : RUN pip install scikit-learn

---> Running in 1b7a31806b1d

Collecting scikit-learn

Downloading scikit\_learn-0.22.1-cp36-cp36m-manylinux1\_x86\_64.whl (7.0 MB)

Collecting scipy>=0.17.0

Downloading scipy-1.4.1-cp36-cp36m-manylinux1\_x86\_64.whl (26.1 MB)

Collecting numpy>=1.11.0

Downloading numpy-1.18.1-cp36-cp36m-manylinux1\_x86\_64.whl (20.1 MB)

Collecting joblib>=0.11

Downloading joblib-0.14.1-py2.py3-none-any.whl (294 kB)

Installing collected packages: numpy, scipy, joblib, scikit-learn

Successfully installed joblib-0.14.1 numpy-1.18.1 scikit-learn-0.22.1 scipy-1.4.1

Removing intermediate container 1b7a31806b1d

---> 4c5f4ba76fde

Step 3/3 : RUN pip install pandas

---> Running in 7e8e71d40a40

Collecting pandas

Downloading pandas-1.0.1-cp36-cp36m-manylinux1\_x86\_64.whl (10.1 MB)

Collecting pytz>=2017.2

Downloading pytz-2019.3-py2.py3-none-any.whl (509 kB)

Collecting python-dateutil>=2.6.1

Downloading python\_dateutil-2.8.1-py2.py3-none-any.whl (227 kB)

Requirement already satisfied: numpy>=1.13.3 in /usr/local/lib/python3.6/site-packages (from pandas) (1.18.1)

Collecting six>=1.5

Downloading six-1.14.0-py2.py3-none-any.whl (10 kB)

Installing collected packages: pytz, six, python-dateutil, pandas

Successfully installed pandas-1.0.1 python-dateutil-2.8.1 pytz-2019.3 six-1.14.0

Removing intermediate container 7e8e71d40a40

---> f706b485e0e5

Successfully built f706b485e0e5

Successfully tagged test:latest

SECURITY WARNING: You are building a Docker image from Windows against a non-Windows Docker host. All files and directories added to build context will have '-rwxr-xr-x' permissions. It is recommended to double check and reset permissions for sensitive files and directories.

91902@LAPTOP-MBJ63ST6 MINGW64 /d/GreyAtom/DockerDemo

$ docker images

REPOSITORY TAG IMAGE ID CREATED SIZE

test latest f706b485e0e5 6 minutes ago 1.23GB

python 3.6 971c66f6a27f 2 weeks ago 914MB

hello-world latest fce289e99eb9 13 months ago 1.84kB

91902@LAPTOP-MBJ63ST6 MINGW64 /d/GreyAtom/DockerDemo

$ docker ps -a

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

f7857ea134d1 hello-world "/hello" 37 minutes ago Exited (0) 37 minutes ago beautiful\_mendel

91902@LAPTOP-MBJ63ST6 MINGW64 /d/GreyAtom/DockerDemo

$ docker run test

91902@LAPTOP-MBJ63ST6 MINGW64 /d/GreyAtom/DockerDemo

$ docker ps -a

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

b5695a7e5fb6 test "python3" 5 seconds ago Exited (0) 4 seconds ago elegant\_elbakyan

f7857ea134d1 hello-world "/hello" 37 minutes ago Exited (0) 37 minutes ago beautiful\_mendel

91902@LAPTOP-MBJ63ST6 MINGW64 /d/GreyAtom/DockerDemo

$ docker build -t ml\_flask:latest . Sending build context to Docker daemon 30.21kB

Step 1/3 : FROM python:3.6

---> 971c66f6a27f

Step 2/3 : RUN pip install scikit-learn

---> Using cache

---> 4c5f4ba76fde

Step 3/3 : RUN pip install pandas

---> Using cache

---> f706b485e0e5

Successfully built f706b485e0e5

Successfully tagged ml\_flask:latest

SECURITY WARNING: You are building a Docker image from Windows against a non-Windows Docker host. All files and directories added to build context will have '-rwxr-xr-x' permissions. It is recommended to double check and reset permissions for sensitive files and directories.

91902@LAPTOP-MBJ63ST6 MINGW64 /d/GreyAtom/DockerDemo

$

91902@LAPTOP-MBJ63ST6 MINGW64 /d/GreyAtom/DockerDemo

$ docker build -t ml\_flask:latest .

Sending build context to Docker daemon 30.21kB

Step 1/4 : FROM python:3.6

---> 971c66f6a27f

Step 2/4 : RUN pip install scikit-learn

---> Using cache

---> 4c5f4ba76fde

Step 3/4 : RUN pip install pandas

---> Using cache

---> f706b485e0e5

Step 4/4 : RUN pip install flask

---> Running in b5bba47f7037

Collecting flask

Downloading Flask-1.1.1-py2.py3-none-any.whl (94 kB)

Collecting click>=5.1

Downloading Click-7.0-py2.py3-none-any.whl (81 kB)

Collecting Jinja2>=2.10.1

Downloading Jinja2-2.11.1-py2.py3-none-any.whl (126 kB)

Collecting itsdangerous>=0.24

Downloading itsdangerous-1.1.0-py2.py3-none-any.whl (16 kB)

Collecting Werkzeug>=0.15

Downloading Werkzeug-1.0.0-py2.py3-none-any.whl (298 kB)

Collecting MarkupSafe>=0.23

Downloading MarkupSafe-1.1.1-cp36-cp36m-manylinux1\_x86\_64.whl (27 kB)

Installing collected packages: click, MarkupSafe, Jinja2, itsdangerous, Werkzeug, flask

Successfully installed Jinja2-2.11.1 MarkupSafe-1.1.1 Werkzeug-1.0.0 click-7.0 flask-1.1.1 itsdangerous-1.1.0

Removing intermediate container b5bba47f7037

---> 0623457546f2

Successfully built 0623457546f2

Successfully tagged ml\_flask:latest

SECURITY WARNING: You are building a Docker image from Windows against a non-Windows Docker host. All files and directories added to build context will have '-rwxr-xr-x' permissions. It is recommended to double check and reset permissions for sensitive files and directories.

91902@LAPTOP-MBJ63ST6 MINGW64 /d/GreyAtom/DockerDemo

$ docker ps -a

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

b5695a7e5fb6 test "python3" 2 hours ago Exited (0) 2 hours ago elegant\_elbakyan

f7857ea134d1 hello-world "/hello" 3 hours ago Exited (0) 3 hours ago beautiful\_mendel

91902@LAPTOP-MBJ63ST6 MINGW64 /d/GreyAtom/DockerDemo

$ docker run -d -p 5000:5000 ml\_flask:latest .

d4b9c96428984c577d6646b628bca61dd418b5d5078f73c597c9b4065f4ca95a

C:\Program Files\Docker Toolbox\docker.exe: Error response from daemon: OCI runtime create failed: container\_linux.go:346: starting container process caused "exec: \".\": executable file not found in $PATH": unknown.

91902@LAPTOP-MBJ63ST6 MINGW64 /d/GreyAtom/DockerDemo

$ docker run -d -p 8081:8081 ml\_flask:latest dd7beb08676cae4dfc48ace89679d7f9277760d7448463f679e8fac55a1e7ce9

91902@LAPTOP-MBJ63ST6 MINGW64 /d/GreyAtom/DockerDemo

$ docker run -d -p 8081:8080 ml\_flask:latest

0d5119bb0599f7ec256ba83fa78621afe36d70d7db7fa803da1b1217534e559d

91902@LAPTOP-MBJ63ST6 MINGW64 /d/GreyAtom/DockerDemo

$ docker run -d -p 5000:8080 ml\_flask:latest c2d6088357f69b83d9706c8e994b966d03f9edb5ecd322501ce086c48caddc31

91902@LAPTOP-MBJ63ST6 MINGW64 /d/GreyAtom/DockerDemo

$ docker run -d -p 5000:5000 ml\_flask:latest .

e6fb70894983b06f1d1f5a21ae25bfacb3dce5f9ed29cf37e9c6b0498d21d666

C:\Program Files\Docker Toolbox\docker.exe: Error response from daemon: OCI runtime create failed: container\_linux.go:346: starting container process caused "exec: \".\": executable file not found in $PATH": unknown.

91902@LAPTOP-MBJ63ST6 MINGW64 /d/GreyAtom/DockerDemo

$ docker run -d -p 8081:8081 ml\_flask:latest

6c8827005add0b5d7ea5c79bc3e93336c909fc7ec2bebe9f81bc35ad6f2284cd

91902@LAPTOP-MBJ63ST6 MINGW64 /d/GreyAtom/DockerDemo

$ docker ps -a

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

6c8827005add ml\_flask:latest "python3" About a minute ago Exited (0) About a minute ago determined\_einstein

e6fb70894983 ml\_flask:latest "." About a minute ago Created 0.0.0.0:5000->5000/tcp romantic\_kirch

c2d6088357f6 ml\_flask:latest "python3" About a minute ago Exited (0) About a minute ago friendly\_pasteur0d5119bb0599 ml\_flask:latest "python3" About a minute ago Exited (0) About a minute ago dazzling\_hugle

dd7beb08676c ml\_flask:latest "python3" 4 minutes ago Exited (0) 4 minutes ago vibrant\_black

d4b9c9642898 ml\_flask:latest "." 9 minutes ago Created 0.0.0.0:5000->5000/tcp interesting\_mccarthy

b5695a7e5fb6 test "python3" 2 hours ago Exited (0) 2 hours ago elegant\_elbakyanf7857ea134d1 hello-world "/hello" 3 hours ago Exited (0) 3 hours ago beautiful\_mendel

91902@LAPTOP-MBJ63ST6 MINGW64 /d/GreyAtom/DockerDemo

$ uname -a MINGW64\_NT-10.0-18362 LAPTOP-MBJ63ST6 3.0.7-338.x86\_64 2019-04-30 21:52 UTC x86\_64 Msys

91902@LAPTOP-MBJ63ST6 MINGW64 /d/GreyAtom/DockerDemo

$ docker exec it c17 bash

Error: No such container: it

91902@LAPTOP-MBJ63ST6 MINGW64 /d/GreyAtom/DockerDemo

$ docker exec it 6c bash Error: No such container: it

91902@LAPTOP-MBJ63ST6 MINGW64 /d/GreyAtom/DockerDemo

$ docker exec -it 6c bash

Error response from daemon: Container 6c8827005add0b5d7ea5c79bc3e93336c909fc7ec2bebe9f81bc35ad6f2284cd is not running

91902@LAPTOP-MBJ63ST6 MINGW64 /d/GreyAtom/DockerDemo

$ docker run -d -p 8081:8081 ml\_flask:latest

573dfc1cd371f63aed64a8139511ee8348c5a00a3084cde27dbcb609d5cfb1b3

91902@LAPTOP-MBJ63ST6 MINGW64 /d/GreyAtom/DockerDemo

$ docker exec -it 57 bash

Error response from daemon: Container 573dfc1cd371f63aed64a8139511ee8348c5a00a3084cde27dbcb609d5cfb1b3 is not running

91902@LAPTOP-MBJ63ST6 MINGW64 /d/GreyAtom/DockerDemo

$ docker exec -it 6c8 bash

Error response from daemon: Container 6c8827005add0b5d7ea5c79bc3e93336c909fc7ec2bebe9f81bc35ad6f2284cd is not running

91902@LAPTOP-MBJ63ST6 MINGW64 /d/GreyAtom/DockerDemo

$ docker ps

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

91902@LAPTOP-MBJ63ST6 MINGW64 /d/GreyAtom/DockerDemo

$ docker ps -a

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

573dfc1cd371 ml\_flask:latest "python3" About a minute ago Exited (0) About a minute ago kind\_visvesvaraya

6c8827005add ml\_flask:latest "python3" 10 minutes ago Exited (0) 10 minutes ago determined\_einstein

e6fb70894983 ml\_flask:latest "." 10 minutes ago Created 0.0.0.0:5000->5000/tcp romantic\_kirch

c2d6088357f6 ml\_flask:latest "python3" 10 minutes ago Exited (0) 10 minutes ago friendly\_pasteur

0d5119bb0599 ml\_flask:latest "python3" 11 minutes ago Exited (0) 11 minutes ago dazzling\_hugle

dd7beb08676c ml\_flask:latest "python3" 13 minutes ago Exited (0) 13 minutes ago vibrant\_black

d4b9c9642898 ml\_flask:latest "." 18 minutes ago Created 0.0.0.0:5000->5000/tcp interesting\_mccarthy

b5695a7e5fb6 test "python3" 3 hours ago Exited (0) 3 hours ago elegant\_elbakyan

f7857ea134d1 hello-world "/hello" 3 hours ago Exited (0) 3 hours ago beautiful\_mendel

91902@LAPTOP-MBJ63ST6 MINGW64 /d/GreyAtom/DockerDemo

$ docker build -t ml\_flask:latest . Sending build context to Docker daemon 30.21kB

Step 1/4 : FROM python:3.6

---> 971c66f6a27f

Step 2/4 : RUN pip install scikit-learn

---> Using cache

---> 4c5f4ba76fde

Step 3/4 : RUN pip install pandas

---> Using cache

---> f706b485e0e5

Step 4/4 : RUN pip install flask

---> Using cache

---> 0623457546f2

Successfully built 0623457546f2

Successfully tagged ml\_flask:latest

SECURITY WARNING: You are building a Docker image from Windows against a non-Windows Docker host. All files and directories added to build context will have '-rwxr-xr-x' permissions. It is recommended to double check and reset permissions for sensitive files and directories.

91902@LAPTOP-MBJ63ST6 MINGW64 /d/GreyAtom/DockerDemo

$ docker run -d -p 8081:8081 ml\_flask:latest

3c5a241bee25aa96451829ce8b44888c9dd91196dc09ecf82369b2543e3468f7

91902@LAPTOP-MBJ63ST6 MINGW64 /d/GreyAtom/DockerDemo

$ docker ps

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

91902@LAPTOP-MBJ63ST6 MINGW64 /d/GreyAtom/DockerDemo

$ docker build -t testml:lates

"docker build" requires exactly 1 argument.

See 'docker build --help'.

Usage: docker build [OPTIONS] PATH | URL | -

Build an image from a Dockerfile

91902@LAPTOP-MBJ63ST6 MINGW64 /d/GreyAtom/DockerDemo

$ docker build -t testml:latest

"docker build" requires exactly 1 argument.

See 'docker build --help'.

Usage: docker build [OPTIONS] PATH | URL | -

Build an image from a Dockerfile

91902@LAPTOP-MBJ63ST6 MINGW64 /d/GreyAtom/DockerDemo

$ docker build -t testml:latest .

Sending build context to Docker daemon 30.21kB

Step 1/4 : FROM python:3.6

---> 971c66f6a27f

Step 2/4 : RUN pip install scikit-learn

---> Using cache

---> 4c5f4ba76fde

Step 3/4 : RUN pip install pandas

---> Using cache

---> f706b485e0e5

Step 4/4 : RUN pip install flask

---> Using cache

---> 0623457546f2

Successfully built 0623457546f2

Successfully tagged testml:latest

SECURITY WARNING: You are building a Docker image from Windows against a non-Windows Docker host. All files and directories added to build context will have '-rwxr-xr-x' permissions. It is recommended to double check and reset permissions for sensitive files and directories.

91902@LAPTOP-MBJ63ST6 MINGW64 /d/GreyAtom/DockerDemo

$ docker run -d -p 8081:8081 test:latest

b4773b0a5a111028f0b97586fa5a18bdff66fc2f1f34109536b4afffd8fd9f82

91902@LAPTOP-MBJ63ST6 MINGW64 /d/GreyAtom/DockerDemo

$ docker run -d -p 8081:8081 testml:latest

da7c81aae2599931e4337569c1a55ae3167b39669fae23f99f8f840c497f7946

91902@LAPTOP-MBJ63ST6 MINGW64 /d/GreyAtom/DockerDemo

$ docker ps

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

91902@LAPTOP-MBJ63ST6 MINGW64 /d/GreyAtom/DockerDemo

$ docker exec -it da7 bash

Error response from daemon: Container da7c81aae2599931e4337569c1a55ae3167b39669fae23f99f8f840c497f7946 is not running

91902@LAPTOP-MBJ63ST6 MINGW64 /d/GreyAtom/DockerDemo

$ docker build -t abc:latest .

Sending build context to Docker daemon 30.21kB

Step 1/4 : FROM python:3.6

---> 971c66f6a27f

Step 2/4 : RUN pip install scikit-learn

---> Using cache

---> 4c5f4ba76fde

Step 3/4 : RUN pip install pandas

---> Using cache

---> f706b485e0e5

Step 4/4 : RUN pip install flask

---> Using cache

---> 0623457546f2

Successfully built 0623457546f2

Successfully tagged abc:latest

SECURITY WARNING: You are building a Docker image from Windows against a non-Windows Docker host. All files and directories added to build context will have '-rwxr-xr-x' permissions. It is recommended to double check and reset permissions for sensitive files and directories.

91902@LAPTOP-MBJ63ST6 MINGW64 /d/GreyAtom/DockerDemo

$ docker run -d -p 8081:8081 abs:latest

Unable to find image 'abs:latest' locally

C:\Program Files\Docker Toolbox\docker.exe: Error response from daemon: pull access denied for abs, repository does not exist or may require 'docker login': denied: requested access to the resource is denied.

See 'C:\Program Files\Docker Toolbox\docker.exe run --help'.

91902@LAPTOP-MBJ63ST6 MINGW64 /d/GreyAtom/DockerDemo

$ docker build -t abc:latest .

Sending build context to Docker daemon 30.21kB

Step 1/4 : FROM python:3.6

---> 971c66f6a27f

Step 2/4 : RUN pip install scikit-learn

---> Using cache

---> 4c5f4ba76fde

Step 3/4 : RUN pip install pandas

---> Using cache

---> f706b485e0e5

Step 4/4 : RUN pip install flask

---> Using cache

---> 0623457546f2

Successfully built 0623457546f2

Successfully tagged abc:latest

SECURITY WARNING: You are building a Docker image from Windows against a non-Windows Docker host. All files and directories added to build context will have '-rwxr-xr-x' permissions. It is recommended to double check and reset permissions for sensitive files and directories.

91902@LAPTOP-MBJ63ST6 MINGW64 /d/GreyAtom/DockerDemo

$ docker run -d -p 8081:8081 abs:latest

Unable to find image 'abs:latest' locally

C:\Program Files\Docker Toolbox\docker.exe: Error response from daemon: pull access denied for abs, repository does not exist or may require 'docker login': denied: requested access to the resource is denied.

See 'C:\Program Files\Docker Toolbox\docker.exe run --help'.

91902@LAPTOP-MBJ63ST6 MINGW64 /d/GreyAtom/DockerDemo

$ docker run -d -p 8081:8081 abc:latest

d4335ab20f7758d2a7a4a18a78643e4b389c59194b5a1ff9ad28ee2c7565fd7c

91902@LAPTOP-MBJ63ST6 MINGW64 /d/GreyAtom/DockerDemo

$ docker ps

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

91902@LAPTOP-MBJ63ST6 MINGW64 /d/GreyAtom/DockerDemo

$ docker ps -a

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

d4335ab20f77 abc:latest "python3" 13 seconds ago Exited (0) 12 seconds ago vibrant\_keldysh

da7c81aae259 testml:latest "python3" 6 minutes ago Exited (0) 6 minutes ago jolly\_pascal

b4773b0a5a11 test:latest "python3" 6 minutes ago Exited (0) 6 minutes ago thirsty\_bell

3c5a241bee25 ml\_flask:latest "python3" 8 minutes ago Exited (0) 8 minutes ago angry\_jang

573dfc1cd371 ml\_flask:latest "python3" 10 minutes ago Exited (0) 10 minutes ago kind\_visvesvaraya

6c8827005add ml\_flask:latest "python3" 19 minutes ago Exited (0) 19 minutes ago determined\_einstein

e6fb70894983 ml\_flask:latest "." 19 minutes ago Created 0.0.0.0:5000->5000/tcp romantic\_kirch

c2d6088357f6 ml\_flask:latest "python3" 19 minutes ago Exited (0) 19 minutes ago friendly\_pasteur

0d5119bb0599 ml\_flask:latest "python3" 19 minutes ago Exited (0) 19 minutes ago dazzling\_hugle

dd7beb08676c ml\_flask:latest "python3" 22 minutes ago Exited (0) 22 minutes ago vibrant\_black

d4b9c9642898 ml\_flask:latest "." 27 minutes ago Created 0.0.0.0:5000->5000/tcp interesting\_mccarthy

b5695a7e5fb6 test "python3" 3 hours ago Exited (0) 3 hours ago elegant\_elbakyan

f7857ea134d1 hello-world "/hello" 3 hours ago Exited (0) 3 hours ago beautiful\_mendel

91902@LAPTOP-MBJ63ST6 MINGW64 /d/GreyAtom/DockerDemo

$ docker exec -it d43 bash

Error response from daemon: Container d4335ab20f7758d2a7a4a18a78643e4b389c59194b5a1ff9ad28ee2c7565fd7c is not running

91902@LAPTOP-MBJ63ST6 MINGW64 /d/GreyAtom/DockerDemo

$ docker exec -it d43 bash

Error response from daemon: Container d4335ab20f7758d2a7a4a18a78643e4b389c59194b5a1ff9ad28ee2c7565fd7c is not running

91902@LAPTOP-MBJ63ST6 MINGW64 /d/GreyAtom/DockerDemo

$ docker kill

"docker kill" requires at least 1 argument.

See 'docker kill --help'.

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

Kill one or more running containers

91902@LAPTOP-MBJ63ST6 MINGW64 /d/GreyAtom/DockerDemo

$ docker kill -a

unknown shorthand flag: 'a' in -a

See 'docker kill --help'.

91902@LAPTOP-MBJ63ST6 MINGW64 /d/GreyAtom/DockerDemo

$ docker build -t abc:latest .

Sending build context to Docker daemon 30.21kB

Step 1/4 : FROM python:3.6

---> 971c66f6a27f

Step 2/4 : RUN pip install scikit-learn

---> Using cache

---> 4c5f4ba76fde

Step 3/4 : RUN pip install pandas

---> Using cache

---> f706b485e0e5

Step 4/4 : RUN pip install flask

---> Using cache

---> 0623457546f2

Successfully built 0623457546f2

Successfully tagged abc:latest

SECURITY WARNING: You are building a Docker image from Windows against a non-Windows Docker host. All files and directories added to build context will have '-rwxr-xr-x' permissions. It is recommended to double check and reset permissions for sensitive files and directories.

91902@LAPTOP-MBJ63ST6 MINGW64 /d/GreyAtom/DockerDemo

$ docker run -d -p 8081:8081 abc:latest

b68c24e5d542c3987365ed8f1e8762e24b82606eabcc26efb8071052e6c1ae2f

91902@LAPTOP-MBJ63ST6 MINGW64 /d/GreyAtom/DockerDemo

$ docker exec -it b68 bash

Error response from daemon: Container b68c24e5d542c3987365ed8f1e8762e24b82606eabcc26efb8071052e6c1ae2f is not running

91902@LAPTOP-MBJ63ST6 MINGW64 /d/GreyAtom/DockerDemo

$ docker ps

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

91902@LAPTOP-MBJ63ST6 MINGW64 /d/GreyAtom/DockerDemo

$ docker images

REPOSITORY TAG IMAGE ID CREATED SIZE

testml latest 0623457546f2 34 minutes ago 1.23GB

abc latest 0623457546f2 34 minutes ago 1.23GB

ml\_flask latest 0623457546f2 34 minutes ago 1.23GB

test latest f706b485e0e5 3 hours ago 1.23GB

python 3.6 971c66f6a27f 2 weeks ago 914MB

hello-world latest fce289e99eb9 13 months ago 1.84kB

91902@LAPTOP-MBJ63ST6 MINGW64 /d/GreyAtom/DockerDemo

$ docker run -d -p 8081:8081 abc:latest 1da139b44b1127c996574e73ca74129604c969291d346c2204c521285312668d

91902@LAPTOP-MBJ63ST6 MINGW64 /d/GreyAtom/DockerDemo

$ docker exec -it 1da bash Error response from daemon: Container 1da139b44b1127c996574e73ca74129604c969291d346c2204c521285312668d is not running

91902@LAPTOP-MBJ63ST6 MINGW64 /d/GreyAtom/DockerDemo

$ docker ps

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

91902@LAPTOP-MBJ63ST6 MINGW64 /d/GreyAtom/DockerDemo

$ docker containers

docker: 'containers' is not a docker command.

See 'docker --help'

91902@LAPTOP-MBJ63ST6 MINGW64 /d/GreyAtom/DockerDemo

$ --help

bash: --help: command not found

91902@LAPTOP-MBJ63ST6 MINGW64 /d/GreyAtom/DockerDemo

$ docker --help

Usage: docker [OPTIONS] COMMAND

A self-sufficient runtime for containers

Options:

--config string Location of client config files (default

"C:\\Users\\91902\\.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

"C:\\Users\\91902\\.docker\\machine\\machines\\default\\ca.pem")

--tlscert string Path to TLS certificate file (default

"C:\\Users\\91902\\.docker\\machine\\machines\\default\\cert.pem")

--tlskey string Path to TLS key file (default

"C:\\Users\\91902\\.docker\\machine\\machines\\default\\key.pem")

--tlsverify Use TLS and verify the remote (default true)

-v, --version Print version information and quit

Management Commands:

builder Manage builds

config Manage Docker configs

container Manage containers

context Manage contexts

image Manage images

network Manage networks

node Manage Swarm nodes

plugin Manage plugins

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.

91902@LAPTOP-MBJ63ST6 MINGW64 /d/GreyAtom/DockerDemo

$ docker ps -q

91902@LAPTOP-MBJ63ST6 MINGW64 /d/GreyAtom/DockerDemo

$ docker ps -a CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

1da139b44b11 abc:latest "python3" 3 minutes ago Exited (0) 3 minutes ago recursing\_tharp

b68c24e5d542 abc:latest "python3" 6 minutes ago Exited (0) 6 minutes ago peaceful\_swanson

d4335ab20f77 abc:latest "python3" 9 minutes ago Exited (0) 9 minutes ago vibrant\_keldysh

da7c81aae259 testml:latest "python3" 15 minutes ago Exited (0) 15 minutes ago jolly\_pascal

b4773b0a5a11 test:latest "python3" 15 minutes ago Exited (0) 15 minutes ago thirsty\_bell

3c5a241bee25 ml\_flask:latest "python3" 17 minutes ago Exited (0) 17 minutes ago angry\_jang

573dfc1cd371 ml\_flask:latest "python3" 20 minutes ago Exited (0) 19 minutes ago kind\_visvesvaraya

6c8827005add ml\_flask:latest "python3" 28 minutes ago Exited (0) 28 minutes ago determined\_einstein

e6fb70894983 ml\_flask:latest "." 29 minutes ago Created 0.0.0.0:5000->5000/tcp romantic\_kirch

c2d6088357f6 ml\_flask:latest "python3" 29 minutes ago Exited (0) 29 minutes ago friendly\_pasteur

0d5119bb0599 ml\_flask:latest "python3" 29 minutes ago Exited (0) 29 minutes ago dazzling\_hugle

dd7beb08676c ml\_flask:latest "python3" 31 minutes ago Exited (0) 31 minutes ago vibrant\_black

d4b9c9642898 ml\_flask:latest "." 37 minutes ago Created 0.0.0.0:5000->5000/tcp interesting\_mccarthy

b5695a7e5fb6 test "python3" 3 hours ago Exited (0) 3 hours ago elegant\_elbakyan

f7857ea134d1 hello-world "/hello" 3 hours ago Exited (0) 3 hours ago beautiful\_mendel

91902@LAPTOP-MBJ63ST6 MINGW64 /d/GreyAtom/DockerDemo

$ docker ps -aq

1da139b44b11

b68c24e5d542

d4335ab20f77

da7c81aae259

b4773b0a5a11

3c5a241bee25

573dfc1cd371

6c8827005add

e6fb70894983

c2d6088357f6

0d5119bb0599

dd7beb08676c

d4b9c9642898

b5695a7e5fb6

f7857ea134d1

91902@LAPTOP-MBJ63ST6 MINGW64 /d/GreyAtom/DockerDemo

$ docker kill

"docker kill" requires at least 1 argument.

See 'docker kill --help'.

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

Kill one or more running containers

91902@LAPTOP-MBJ63ST6 MINGW64 /d/GreyAtom/DockerDemo

$ docker ps -l

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

1da139b44b11 abc:latest "python3" 4 minutes ago Exited (0) 4 minutes ago recursing\_tharp

91902@LAPTOP-MBJ63ST6 MINGW64 /d/GreyAtom/DockerDemo

$ docker exec -it 1da bash

Error response from daemon: Container 1da139b44b1127c996574e73ca74129604c969291d346c2204c521285312668d is not running

91902@LAPTOP-MBJ63ST6 MINGW64 /d/GreyAtom/DockerDemo

$ docker images

REPOSITORY TAG IMAGE ID CREATED SIZE

abc latest 0623457546f2 40 minutes ago 1.23GB

ml\_flask latest 0623457546f2 40 minutes ago 1.23GB

testml latest 0623457546f2 40 minutes ago 1.23GB

test latest f706b485e0e5 3 hours ago 1.23GB

python 3.6 971c66f6a27f 2 weeks ago 914MB

hello-world latest fce289e99eb9 13 months ago 1.84kB

91902@LAPTOP-MBJ63ST6 MINGW64 /d/GreyAtom/DockerDemo

$