DOCKER 24.07.2024

COMMAND:docker search hello world

Açıklama: Berlirtilen imajı arar

C:\Users\batuh>docker search hell	o world		
NAME	DESCRIPTION	STARS	OFFICIAL
hangran/hello world	hello world flask app running on port 5000	1	OFFICIAL
mlcommons/hello world	https://github.com/mlcommons/mlcube examples	0	
flyingsmurf/hello world	nccps.//grcnub.com/mrcommons/mrcube_examples	9	
dockerinaction/hello world	A quick 'hello world' image for the first ex	9	
michaaliev/hello world			
	image for hello_world application	0 0	
quangntitman/hello_world	hello_world		
buoyantio/jenkins-plus	A jenkins image that also includes kubectl a	0	
panshan/hello_world	hello_world test	0	
ncjiayong/hello_world	hello_world test	0	
everydayhero/hello_world		0	
ibillett/hello_world	054550 Ai	0	
arb204/hello_world	CS1660 Assignment 1	0	
hydrogen18/hello_world lucaster/misc-ecs	-2200/	0	
	:3200/api/hello_world	0	
dockertrainings2020/hello_world		0	
hexletboy/hello_world		0	
actraiser/hello_world	Girals balls would that seements to a said.	0	
gasconya/rubyapp	Simple hello_world that connects to a redis	0	
gfish/hello_world	Homework task ci cd k8s hello_world	0	
michaelgao007/test_image	test image for hello_world	0	
scotymagee/hello_world		0	
xabiere15/emr-barbershop	Hello_world	0	
purwar/hello_world_app	hello_world_app	0	
aasoares/hello_world		0	
phibru91/hello_world		0	

Command : docker pull alpine Açıklama: Seçilen imajı indirir

C:\Users\batuh>do<mark>c</mark>ker pull alpine

Using default tag: latest

latest: Pulling from library/alpine c6a83fedfae6: Already exists

Digest: sha256:0a4eaa0eecf5f8c050e5bba433f58c052be7587ee8af3e8b3910ef9ab5fbe9f5

Status: Downloaded newer image for alpine:latest

docker.io/library/alpine:latest

Command: docker image rm alpine –force

Açıklama: seçilen imajı siler (--force ile zorla siler)

C:\Users\batuh>docker image rm alpine --force

Untagged: alpine:latest

Untagged: alpine@sha256:0a4eaa0eecf5f8c050e5bba433f58c052be7587ee8af3e8b3910ef9ab5fbe9f5

Deleted: sha256:324bc02ae1231fd9255658c128086395d3fa0aedd5a41ab6b034fd649d1a9260

Command: docker network create DNET Açıklama: Kendi ağımızı oluştururuz.

C:\Users\batuh>docker network create DNET

491eb85c7d6be273d074b4d4e2c6589e17ee959a54ba2ccfc5f7db4460d4c746

Command : docker network ls Açıklama: Ağları listeler

C:\Users\batuh>docker network ls						
NETWORK ID	NAME	DRIVER	SCOPE			
491eb85c7d6b	DNET	bridge	local			
c78c79743a1a	bridge	bridge	local			
eb5dd6616eab	dockerize_me_net	bridge	local			
8f59d1fee5a4	host	host	local			
66029dff18ca	none	null	local			

Command: docker network rm < Container ID>

Açıklama: Id'si verilen ağı siler

C:\Users\batuh>docker network rm 491eb85

491eb85

Commands : docker image ls | docker imag Açıklama: Yüklü olan imajları listeler

rs\batuh>docker	r image ls				
	_	MAGE ID	CREATED	SIZE	
ize_me-app la	atest 06	511dc0a183f	3 minutes ago	453MB	
la	atest 7c	ce93a845a8a	44 hours ago	586MB	
la	atest 32	24bc02ae123	44 hours ago	7.8MB	
la	atest a7	72860cb95fd	4 weeks ago	188MB	
C:\Users\batuh>docker images					
TORY TA	AG IM	MAGE ID	CREATED	SIZE	
ize_me-app la	atest 06	511dc0a183f	3 minutes ago	453MB	
la	atest 7c	ce93a845a8a	44 hours ago	586MB	
la	atest 32	24bc02ae123	44 hours ago	7.8MB	
la	atest a7	72860cb95fd	4 weeks ago	188MB	

Command: docker run –rm alpine

Açıklama: İmajı çalıştırıp konteynırı oluşturduktan sonra kapanıcak şekilde açar.

C:\Users\batuh>docker run --rm alpine

Command: docker run -it alpine

Açıklama: İmajı çalıştırıp konteynırı oluşturduktan sonra shell ile birlikte açar.

```
C:\Users\batuh>docker run -it alpine
/ # ls
bin etc lib mnt proc run srv tmp var
dev home media opt root sbin sys usr
/ # exit
```

Command: docker image inspect alpine

Açıklama: Verilen imaj hakkında detaylı bilgi verir

```
C:\Users\batuh>docker image inspect alpine
         "Id": "sha256:324bc02ae1231fd9255658c128086395d3fa0aedd5a41ab6b034fd649d1a9260",
         "RepoTags":
             "alpine:latest"
         ],
"RepoDigests": [
inc@sha2
              "alpine@sha256:0a4eaa0eecf5f8c050e5bba433f58c052be7587ee8af3e8b3910ef9ab5fbe9f5"
        ],
"Parent": ""
         "Comment": "",
         "Created": "2024-07-22T22:26:43.778747613Z",
         "Container": "fc33bc50844a0d6cdfc682fcf85647ec60783decbd3850e58ab7e013ef892cfb",
         "ContainerConfig": {
    "Hostname": "fc33bc50844a",
    "Domainname": "",
             "User": "",
              "AttachStdin": false,
             "AttachStdout": false,
"AttachStderr": false,
             "Tty": false,
"OpenStdin": false,
"StdinOnce": false,
             "Env": [
"PATH=/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin"
             ],
"Cmd": [
                  "/bin/sh",
                  "-c",
                  "#(nop) ",
"CMD [\"/bin/sh\"]"
             ],
"Image": "sha256:3e25db883ea289c8b0d3006e7a6a03c56be09c50f03f6b228ba2fe74fd8194d2",
             "Volumes": null,
"WorkingDir": ""
              "Entrypoint": null,
              "OnBuild": null,
              "Labels": {}
         },
"DockerVersion": "23.0.11",
         "Author": "",
         "Config": {
              "Hostname": ""
              "Hostname": "",
              "User": ""
              "AttachStdin": false,
              "AttachStdout": false,
```

Command : docker run —name yavuzlar alpine Açıklama: Konteynırın adını belirtilen isim yapar.

C:\Users\batuh>docker run --name yavuzlar alpine

Command: docker ps | docker ps -a

Açıklama: Açık olan konteynirları gösterir | Açık kapalı fark etmeksizin konteynirları listeler

1 1 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1411 900term 1 13111 mapa		31100 / 111110111 11000101
C:\Users\batuh>docker ps			
CONTAINER ID IMAGE COMMAND	CREATED STATUS POR	RTS NAMES	
C:\Users\batuh>docker ps -a			
CONTAINER ID IMAGE	COMMAND	CREATED	STATUS
PORTS NAMES			
fe4f3c8bd33a alpine	"/bin/sh"	About a minute ago	Exited (0) About a minute ago
yavuzlar			
5bf290ce9260 alpine	"/bin/sh"	2 minutes ago	Exited (0) 2 minutes ago
distracted_lamport			
d9f29aa90297 alpine	"rm"	3 minutes ago	Created
dazzling_tu			
f71b1994d18d dockerize_me-app	"docker-php-entrypoi…"	9 minutes ago	Exited (0) 47 seconds ago
dockerize_me-app-1			
97f3c5147507 mysql:latest	"docker-entrypoint.s"	9 minutes ago	Exited (0) 45 seconds ago
dockerize_me-db-1			
d016b943db3a alpine	"echo Selamlar"	8 hours ago	Exited (0) 8 hours ago
hopeful_hugle			
·			*

Command : docker rm < Container ID>

Açıklama: Belirtilen konteynir	'i siler		
C:\Users\batuh>docker ps -a CONTAINER ID IMAGE	COMMAND	CREATED	STATUS
PORTS NAMES			
Fe4f3c8bd33a alpine	"/bin/sh"	About a minute ag	o Exited (0) About a minute ago
yavuzlar.			- 1: 1 (-) - 1 :
5bf290ce9260 alpine distracted lamport	"/bin/sh"	2 minutes ago	Exited (0) 2 minutes ago
d9f29aa90297 alpine .	"rm"	3 minutes ago	Created
dazzling_tu			
f71b1994d18d dockerize_me-app dockerize me-app-1	"docker-php-entrypoi"	9 minutes ago	Exited (0) 47 seconds ago
97f3c5147507 mysql:latest	"docker-entrypoint.s"	9 minutes ago	Exited (0) 45 seconds ago
dockerize_me-db-1		- 1	- 1. 1.7-2 1
d016b943db3a alpine hopeful_hugle	"echo Selamlar"	8 hours ago	Exited (0) 8 hours ago
C:\Users\batuh>docker rm fe4f3c fe4f3c <mark>SiLiNDi</mark>			
C:\Users\batuh>docker ps -a			
CONTAINER ID IMAGE RTS NAMES	COMMAND	CREATED	STATUS PO
5bf290ce9260 alpine distracted lamport	"/bin/sh"	2 minutes ago	Exited (0) 2 minutes ago
d9f29aa90297 alpine	"rm"	3 minutes ago	Created
dazzling_tu f71b1994d18d dockerize me-app	"docker-php-entrypoi"	10 minutes ago	Exited (0) About a minute ago
dockerize me-app-1	docker prip errer ypo1	TO MITHUECES UBO	Extect (0) About a minute ago
97f3c5147507 mysql:latest dockerize me-db-1	"docker-entrypoint.s"	10 minutes ago	Exited (0) About a minute ago
d016b943db3a alpine hopeful_hugle	"echo Selamlar"	8 hours ago	Exited (0) 8 hours ago

Command:docker exec <Container ID> ls Açıklama:Id si verilen açık konteynırda komut çalıştırmayı sağlar.

```
C:\Users\batuh>docker exec 5bf290 ls
bin
dev
etc
home
lib
media
mnt
opt
proc
root
run
sbin
srv
sys
tmp
usr
var
```

Commands : docker stop < Container ID > Açıklama: Idsi verilen konteynırı durdurur.

C:\Users\batuh>docker stop d016b943db3a d016b943db3a

Command : docker compose up -build

Açıklama: docker dosyalarını kullanarak tüm imajları oluşturur.

```
PS C:\Users\batuh\Downloads\dockerize_me> docker compose up --build 2024/07/24 21:10:03 http2: server: error reading preface from client //./pipe/docker_engine: file has already been closed [+] Building 8.3s (10/10) FINISHED

=> [app internal] load build definition from Dockerfile
=> => transferring dockerfile: 2138

=> [app internal] load metadata for docker.io/library/php:7.4-apache
=> [app internal] load .dockerignore
=> => transferring context: 2B

=> [app 1/5] FROM docker.io/library/php:7.4-apache@sha256:c9d7e608f73832673479770d66aacc8100011ec751d1905ff63fae3fe2e0ca6d
=> [app internal] load build context
=> => transferring context: 123B

=> CACHED [app 2/5] WORKDIR /var/www/html
=> CACHED [app 3/5] COPY ./app .

=> CACHED [app 4/5] RUN echo "ServerName localhost" >> /etc/apache2/apache2.conf
=> [app] exporting to image
=> => exporting layers
=> => writing image sha256:0611dc0a183fedd53e69776ca633540ccd4b301db06bcb75338fc748d7d8ec5c
```

Command : docker build -t image_tag <dockerfilePath>

Açıklama: Dockerfile ı imaj yapmak için kullanırız

