DOCKER 24.07.2024 MUSTAFA BATUHAN ALUN

COMMAND:docker search hello world

Açıklama: Berlirtilen imajı arar

C. Managa Naturba da alema ang ana baharan	1d		
C:\Users\batuh>docker search hell		STARS	OFFTOTAL
NAME	DESCRIPTION	STARS	OFFICIAL
hangran/hello_world	hello_world flask app running on port 5000	1	
mlcommons/hello_world	https://github.com/mlcommons/mlcube_examples	0	
flyingsmurf/hello_world		0	
dockerinaction/hello_world	A quick 'hello world' image for the first ex	9	
michaaliev/hello_world	image for hello_world application	0	
quangntitman/hello_world	hello_world	0	
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		0	
arb204/hello_world	CS1660 Assignment 1	0	
hydrogen18/hello_world		0	
lucaster/misc-ecs	:3200/api/hello_world	0	
dockertrainings2020/hello_world		0	
hexletboy/hello_world		0	
actraiser/hello_world		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

C:\Users\batuh>docker image ls						
REPOSITORY	TAG	IMAGE ID	CREATED	SIZE		
dockerize_me-app	latest	0611dc0a183f	3 minutes ago	453MB		
mysql	latest	7ce93a845a8a	44 hours ago	586MB		
alpine	latest	324bc02ae123	44 hours ago	7.8MB		
nginx	latest	a72860cb95fd	4 weeks ago	188MB		
C:\Users\batuh>docker images						
REPOSITORY	TAG	IMAGE ID	CREATED	SIZE		
dockerize_me-app	latest	0611dc0a183f	3 minutes ago	453MB		
mysql	latest	7ce93a845a8a	44 hours ago	586MB		
alpine	latest	324bc02ae123	44 hours ago	7.8MB		
nginx	latest	a72860cb95fd	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 konteynırları gösterir | Açık kapalı fark etmeksizin konteynırları listeler

	9		
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>

Açıkıama: Belirtilen konteynir	1 SHer		
C:\Users\batuh>docker ps -a CONTAINER ID IMAGE PORTS NAMES	COMMAND	CREATED	STATUS
⁻ e4f3c8bd33a alpine	"/bin/sh"	About a minute ag	o Exited (0) About a minute ago
yavuzian 5bf290ce9260 alpine distracted lamport	"/bin/sh"	2 minutes ago	Exited (0) 2 minutes ago
d9f29aa90297 alpine dazzling tu	"rm"	3 minutes ago	Created
f71b1994d18d dockerize_me-app dockerize me-app-1	"docker-php-entrypoi…"	9 minutes ago	Exited (0) 47 seconds ago
97f3c5147507 mysql:latest dockerize me-db-1	"docker-entrypoint.s"	9 minutes ago	Exited (0) 45 seconds ago
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 dazzling tu	"rm"	3 minutes ago	Created
f71b1994d18d dockerize_me-app dockerize me-app-1	"docker-php-entrypoi"	10 minutes ago	Exited (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.

Command : docker build -t image_tag <dockerfilePath>

Açıklama: Dockerfile ı imaj yapmak için kullanırız



```
PS C:\Users\batuh\OneDrive\Desktop\DockerPDF> git clone https://github.com/BatuhanAlun/DockerPDF.git
Cloning into 'DockerPDF'...
PS C:\Users\batuh\OneDrive\Desktop\DockerPDF> git commit -m "pdf yollama"
fatal: not a git repository (or any of the parent directories): .git
PS C:\Users\batuh\OneDrive\Desktop\DockerPDF> git init
Initialized empty Git repository in C:/Users/batuh/OneDrive/Desktop/DockerPDF/.git/
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
nothing added to commit but untracked files present (use "git add" to track)
PS C:\Users\batuh\OneDrive\Desktop\DockerPDF> git add
Nothing specified, nothing added.
hint: Maybe you wanted to say 'git add .'?
hint: Turn this message off by running
      "git config advice.addEmptyPathspec false"
PS C:\Users\batuh\OneDrive\Desktop\DockerPDF> git add .
error: 'DockerPDF/' does not have a commit checked out
PS C:\Users\batuh\OneDrive\Desktop\DockerPDF> git add .\docker.pdf
PS C:\Users\batuh\OneDrive\Desktop\DockerPDF> git commit -m "pdf yollama"
[master (root-commit) 63c191d] pdf yollama
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 docker.pdf
PS C:\Users\batuh\OneDrive\Desktop\DockerPDF> git push
fatal: No configured push destination.
Either specify the URL from the command-line or configure a remote repository using
    git remote add <name> <url>
and then push using the remote name
    git push <name>
PS C:\Users\batuh\OneDrive\Desktop\DockerPDF> git push https://github.com/BatuhanAlun/DockerPDF.git
fatal: The current branch master has no upstream branch.
To push the current branch and set the remote as upstream, use
    git push --set-upstream https://github.com/BatuhanAlun/DockerPDF.git master
```

```
PS C:\Users\batuh\OneDrive\Desktop\DockerPDF> <mark>git</mark> push https://github.com/BatuhanAlun/DockerPDF.git
fatal: The current branch master has no upstream branch.
To push the current branch and set the remote as upstream, use
   git push --set-upstream https://github.com/BatuhanAlun/DockerPDF.git master
To have this happen automatically for branches without a tracking
upstream, see 'push.autoSetupRemote' in 'git help config'.
PS C:\Users\batuh\OneDrive\Desktop\DockerPDF> git push --set-upstream https://github.com/BatuhanAlun/DockerPDF.git master
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 12 threads
Compressing objects: 100% (2/2), done
writing objects: 100% (3/3), 303.29 KiB | 27.57 MiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/BatuhanAlun/DockerPDF.git
                    master -> master
* [new branch]
branch 'master' set up to track 'https://github.com/BatuhanAlun/DockerPDF.git/master'.
PS C:\Users\batuh\OneDrive\Desktop\DockerPDF> ||
```