

Docker Komutlari

search: image aramamızı sağlar.

```
C:\Users\BERKAY>docker search helloworld
```

NAME	DESCRIPTION	STARS	OFFICIAL
testcontainers/helloworld	A Docker image to support Testcontainers' se...	6	
istio/examples-helloworld-v1	This image is used for Istio samples.	1	
istio/examples-helloworld-v2	This image is used for Istio samples.	0	
apache/causeway-app-helloworld	Apache Causeway App Helloworld	0	
helloworldcontainers/java-spring-boot-hello-world		4	
seabreeze/sbz-helloworld	A HelloWorld example to run on SeaBreeze.	1	
helloworld2121/ashish	hi	1	
karthequian/helloworld	A simple helloworld nginx container to get y...	18	
helloworld9x/kubia		0	
nimak/helloworld		0	
seabreeze/azure-mesh-helloworld	Azure Service Fabric Mesh HelloWorld!	1	
helloworld102444/studentserver		0	
seabreeze/sbz-helloworld-sidecar	Sidecar hello world example for SeaBreeze.	0	
seabreeze/azure-mesh-helloworld-sidecar	Azure Service Fabric Mesh HelloWorld sidecar.	0	
helloworld/ubuntu_postgresql		0	
wouterm/helloworld	A simple Docker image with an Nginx server ...	1	
cstxmohammad/helloworld	to run the image use following command: doc...	0	
agrawals18/helloworld		0	
buoyantio/helloworld		4	
helloworld/ubuntu-mysql	ubuntu with mysql	0	
hakanssonlasse/helloworld		1	
containerinstance/helloworld	Demo image for SSL connection inside Node.js	0	
isaactl/helloworld		0	
mperel/helloworld		0	
moseers/helloworld		0	

images: Docker'da mevcut olan tüm imajeleri listelemek için kullanılır.

```
C:\Users\BERKAY>docker images
```

REPOSITORY	TAG	IMAGE ID	CREATED	SIZE
alpine	latest	324bc02ae123	44 hours ago	7.8MB
nginx	latest	a72860cb95fd	4 weeks ago	188MB
testcontainers/helloworld	latest	6974669be52b	3 years ago	12.7MB

ps: Çalışan konteynerleri listelemek için kullanılır.

```
C:\Users\BERKAY>docker ps
```

CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS	PORTS	NAMES
a2ae936bc0a5	testcontainers/helloworld	"/helloworld"	6 minutes ago	Up 5 seconds		sleepy_franklin

exec: Docker’da çalışan bir konteyner içinde komut çalıştırmak için kullanılır.

```
C:\Users\BERKAY>docker exec -it a2ae936bc0a5 sh
/ # ls
bin          etc          home         media        opt          root        /sbin       static      tmp         var
dev          helloworld  lib         mnt         proc        run         srv        sys         usr
```

pull: Docker'da bir image'i indirmek için kullanılır.

```
C:\Users\BERKAY>docker pull testcontainers/helloworld
Using default tag: latest
latest: Pulling from testcontainers/helloworld
df20fa9351a1: Pull complete
7d694ce25b07: Pull complete
99f5116afda5: Pull complete
Digest: sha256:4ee5a832ef6eee533df7224b80d4cceb9ab219599014f408d0b69690be94c396
Status: Downloaded newer image for testcontainers/helloworld:latest
docker.io/testcontainers/helloworld:latest

What's next:
View a summary of image vulnerabilities and recommendations → docker scout quickview testcontainers/helloworld
```

run: Container oluşturmak ve çalıştırmak için kullanılır.

```
C:\Users\BERKAY>docker run testcontainers/helloworld
2024/07/24 18:52:00 DELAY_START_MSEC: 0
2024/07/24 18:52:00 Sleeping for 0 ms
2024/07/24 18:52:00 Starting server on port 8080
2024/07/24 18:52:00 Sleeping for 0 ms
2024/07/24 18:52:00 Starting server on port 8081
2024/07/24 18:52:00 Ready, listening on 8080 and 8081
```

sleep: belirtilen süre kadar container'ın uyumasını sağlar

rm: Container silmek için kullanılır.

name: Container adını belirtmek için kullanılır.

sleep,name,rm birlikte kullanılmıştır

```
C:\Users\BERKAY>docker run --name testcontainer --rm testcontainers/helloworld sh -c "sleep 10"
2024/07/24 19:35:11 DELAY_START_MSEC: 0
2024/07/24 19:35:11 Sleeping for 0 ms
2024/07/24 19:35:11 Starting server on port 8080
2024/07/24 19:35:11 Sleeping for 0 ms
2024/07/24 19:35:11 Starting server on port 8081
2024/07/24 19:35:11 Ready, listening on 8080 and 8081
```