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המוסד לביטוח לאומי

# Docker sub-commands

Managing images	Managing containers	Building custom images	Information gathering
search, pull, push, rmi, images, tag, export, import, load, save	run, exec, ps, rm, stop, start	build, commit	logs, info, inspect

# Managing images

## USAGE

Search the Docker Hub for images

```
$ docker search [OPTIONS] TERM
```

```
docker search ubuntu
```

zivd@cloudshell:~\$ docker search ubuntu				
NAME	DESCRIPTION	STARS	OFFICIAL	AUTOMATED
ubuntu	Ubuntu is a Debian-based Linux operating sys...	10360	[OK]	
dorowu/ubuntu-desktop-lxde-vnc	Docker image to provide HTML5 VNC interface ...	383		[OK]
rastasheep/ubuntu-sshd	Dockerized SSH service, built on top of offi...	239		[OK]
consol/ubuntu-xfce-vnc	Ubuntu container with "headless" VNC session...	206		[OK]
ubuntu-upstart	Upstart is an event-based replacement for th...	102	[OK]	
ansible/ubuntu14.04-ansible	Ubuntu 14.04 LTS with ansible	98		[OK]
neurodebian	NeuroDebian provides neuroscience research s...	63	[OK]	
1and1internet/ubuntu-16-nginx-php-phpmyadmin-mysql-5	ubuntu-16-nginx-php-phpmyadmin-mysql-5	50		[OK]
ubuntu-debootstrap	debootstrap --variant=minbase --components=m...	41	[OK]	
nuagebec/ubuntu	Simple always updated Ubuntu docker images w...	24		[OK]
i386/ubuntu	Ubuntu is a Debian-based Linux operating sys...	18		
1and1internet/ubuntu-16-apache-php-5.6	ubuntu-16-apache-php-5.6	14		[OK]
1and1internet/ubuntu-16-apache-php-7.0	ubuntu-16-apache-php-7.0	13		[OK]
1and1internet/ubuntu-16-nginx-php-phpmyadmin-mariadb-10	ubuntu-16-nginx-php-phpmyadmin-mariadb-10	11		[OK]
1and1internet/ubuntu-16-nginx-php-5.6	ubuntu-16-nginx-php-5.6	8		[OK]
1and1internet/ubuntu-16-nginx-php-5.6-wordpress-4	ubuntu-16-nginx-php-5.6-wordpress-4	7		[OK]
1and1internet/ubuntu-16-apache-php-7.1	ubuntu-16-apache-php-7.1	6		[OK]
darksheer/ubuntu	Base Ubuntu Image -- Updated hourly	5		[OK]
1and1internet/ubuntu-16-nginx-php-7.0	ubuntu-16-nginx-php-7.0	4		[OK]
pivotaldata/ubuntu	A quick freshening-up of the base Ubuntu doc...	3		
1and1internet/ubuntu-16-sshd	ubuntu-16-sshd	1		[OK]
1and1internet/ubuntu-16-php-7.1	ubuntu-16-php-7.1	1		[OK]
smarterentry/ubuntu	ubuntu with smarterentry	1		[OK]
pivotaldata/ubuntu16.04-build	Ubuntu 16.04 image for GPDB compilation	1		
pivotaldata/ubuntu-gpdb-dev	Ubuntu images for GPDB development	1		
zivd@cloudshell:~\$				

--filter , -f

Filter output based on conditions provided

--format

Pretty-print search using a Go template

--limit

25

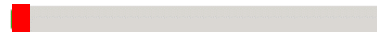
Max number of search results

--no-trunc

Don't truncate output

```
docker search -f stars=100 ubuntu
```

# docker pull in an airgap environment :



> pull mongodb  
> **Error** response from daemon: Get <https://registry-1.docker.io/v2/>: ...

```
-bash-4.2# docker pull mongo
Using default tag: latest
Error response from daemon: Get https://registry-1.docker.io/v2/: net/http: request canceled while waiting for connection (Client.Timeout exceeded while awaiting headers)
-bash-4.2#
```

# Docker self hosted registry :



```
docker pull mongo
```

```
docker images
```

```
docker save -o mongo_image.docker mongo
```

```
docker rmi -f mongo
```

```
docker images
```

```
docker load -i mongo_image.docker mongo
```

