

Administrator: Windows PowerShell (x86)

Windows PowerShell

Copyright (C) Microsoft Corporation. All rights reserved.

Try the new cross-platform PowerShell <https://aka.ms/pscore6>

PS C:\Windows\system32> **docker** --version

Docker version 20.10.13, build a224086

PS C:\Windows\system32> **docker** -- version

Client:

Version: 20.10.13  
API version: 1.41  
Go version: go1.16.15  
Git commit: a224086  
Built: Thu Mar 10 14:13:04 2022  
OS/Arch: windows/amd64  
Context: default  
Experimental: true

Server: Docker Desktop 4.6.1 (76265)

Engine:

Version: 20.10.13  
API version: 1.41 (minimum version 1.12)  
Go version: go1.16.15  
Git commit: 906f57f  
Built: Thu Mar 10 14:06:05 2022  
OS/Arch: linux/amd64  
Experimental: false

containerd:

Version: 1.5.10  
GitCommit: 2a1d4dbdb2a1030dc5b01e96fb110a9d9f150ecc

runc:

Version: 1.0.3  
GitCommit: v1.0.3-0-gf46b6ba

docker-init:

Version: 0.19.0  
GitCommit: de40ad0

PS C:\Windows\system32> **docker** run hello-world

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/>

```
PS C:\Windows\system32> docker images
REPOSITORY TAG IMAGE ID CREATED SIZE
hello-world latest feb5d9fea6a5 6 months ago 13.3kB
PS C:\Windows\system32> docker pull ubuntu
Using default tag: latest
Error response from daemon: Head "https://registry-1.docker.io/v2/library/ubuntu/manifests/latest": net/http: TLS handshake timeout
PS C:\Windows\system32> docker pull ubuntu
Using default tag: latest
latest: Pulling from library/ubuntu
4d32b49e2995: Pull complete
Digest: sha256:bea6d19168bbfd6af8d77c2cc3c572114eb5d113e6f422573c93cb605a0e2ffb
Status: Downloaded newer image for ubuntu:latest
docker.io/library/ubuntu:latest
PS C:\Windows\system32> docker run -it -d ubuntu
8acbda9e285e1285e0bdf7e10109b3c70f6f65f254402f02a67bb244c3116ce5
PS C:\Windows\system32> docker ps -a
CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES
8acbda9e285e ubuntu "bash" 7 seconds ago Up 8 seconds frosty_euclid
841f68346ab5 hello-world "/hello" 7 minutes ago Exited (0) 7 minutes ago vibrant_hoover
94eb81c2b5e3 hello-world "/hello" 12 minutes ago Exited (0) 12 minutes ago cranky_wilbur
33444e08c515 hello-world "/hello" 14 minutes ago Exited (0) 14 minutes ago compassionate_chaum
ea101e6a6d4a hello-world "/hello" 17 minutes ago Exited (0) 17 minutes ago lucid_hugle
PS C:\Windows\system32> docker exec -it
"docker exec" requires at least 2 arguments.
See 'docker exec --help'.

Usage: docker exec [OPTIONS] CONTAINER COMMAND [ARG...]

Run a command in a running container
PS C:\Windows\system32> docker exec -it 8acbda9e285e
"docker exec" requires at least 2 arguments.
See 'docker exec --help'.

Usage: docker exec [OPTIONS] CONTAINER COMMAND [ARG...]

Run a command in a running container
PS C:\Windows\system32> docker exec -it 8acbda9e285e bash
root@8acbda9e285e:/# echo hello
hello
root@8acbda9e285e:/# exit
```

```
PS C:\Windows\system32> docker stop 841f68346ab5
841f68346ab5
PS C:\Windows\system32> docker ps -a
CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES
8acbda9e285e ubuntu "bash" 3 minutes ago Up 3 minutes frosty_euclid
841f68346ab5 hello-world "/hello" 11 minutes ago Exited (0) 11 minutes ago vibrant_hoover
94eb81c2b5e3 hello-world "/hello" 16 minutes ago Exited (0) 16 minutes ago cranky_wilbur
33444e08c515 hello-world "/hello" 17 minutes ago Exited (0) 17 minutes ago compassionate_chaum
ea101e6a6d4a hello-world "/hello" 20 minutes ago Exited (0) 20 minutes ago lucid_hugle
PS C:\Windows\system32> docker commit 8acbda9e285e manishsanket/ubuntu
sha256:7ae85767e3b7b41cc2c3697b76a30d0e602a3d7715a6448c2e1b0423842bf901
PS C:\Windows\system32> docker images
docker: 'images' is not a docker command.
See 'docker --help'.

PS C:\Windows\system32> docker images
REPOSITORY TAG IMAGE ID CREATED SIZE
manishsanket/ubuntu latest 7ae85767e3b7 17 seconds ago 72.8MB
ubuntu latest ff0fea8310f3 2 weeks ago 72.8MB
hello-world latest feb5d9fea6a5 6 months ago 13.3kB
PS C:\Windows\system32> docker login
Authenticating with existing credentials...
Login did not succeed, error: 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)
Login with your Docker ID to push and pull images from Docker Hub. If you don't have a Docker ID, head over to https://hub.docker.com to create one.
Username (manishgit): mkgitind1@
Password:
Error response from daemon: Get "https://registry-1.docker.io/v2/": Get "https://auth.docker.io/token?account=mkgitind1%40&client_id=docker&offline_token=true&service=registry.docker.io": net/http: TLS handshake timeout
PS C:\Windows\system32> docker login
Authenticating with existing credentials...
Login Succeeded
PS C:\Windows\system32> docker push manishsanket/ubuntu
Using default tag: latest
The push refers to repository [docker.io/manishsanket/ubuntu]
043ec08021c: Preparing
867d0767a47c: Preparing
denied: requested access to the resource is denied
PS C:\Windows\system32> docker rm 8acbda9e285e
Error response from daemon: You cannot remove a running container 8acbda9e285e1285e0bdf7e10109b3c70f6f65f254402f02a67bb244c3116ce5. Stop the container before attempting removal or force remove
PS C:\Windows\system32> docker rm 841f68346ab5
841f68346ab5
PS C:\Windows\system32> docker rm 8acbda9e285e
Error response from daemon: You cannot remove a running container 8acbda9e285e1285e0bdf7e10109b3c70f6f65f254402f02a67bb244c3116ce5. Stop the container before attempting removal or force remove
PS C:\Windows\system32> docker stop 8acbda9e285e
8acbda9e285e
PS C:\Windows\system32> docker rm 8acbda9e285e
8acbda9e285e
PS C:\Windows\system32> docker ps -a
```

Administrator: Windows PowerShell (x86)

```
8acbdba9e285e
PS C:\Windows\system32> docker ps -a
CONTAINER ID   IMAGE          COMMAND                  CREATED        STATUS        PORTS          NAMES
94eb81c2b5e3   hello-world    "/hello"                22 minutes ago Exited (0)    22 minutes ago          cranky_wilbur
33444e08c515   hello-world    "/hello"                24 minutes ago Exited (0)    24 minutes ago          compassionate_chaum
eal01e6a6d4a   hello-world    "/hello"                26 minutes ago Exited (0)    26 minutes ago          lucid_hugle
PS C:\Windows\system32> docker images
REPOSITORY    TAG          IMAGE ID          CREATED        SIZE
manishsanket/ubuntu   latest      7ae85767e3b7     5 minutes ago  72.8MB
ubuntu          latest      ff0fea8310f3     2 weeks ago   72.8MB
hello-world       latest      feb5d9fea6a5     6 months ago   13.3kB
PS C:\Windows\system32> docker rmi 7ae85767e3b7
Untagged: manishsanket/ubuntu:latest
Deleted: sha256:7ae85767e3b7b41cc2c3697b76a30d0e602a3d7715a6448c2e1b0423842bf901
Deleted: sha256:d1f343b4bb8946da75bac34f7b8d543b301c03ae21662752c4fafad55d5e320e
PS C:\Windows\system32> docker rmi 7ae85767e3b7/ubuntu
Error: No such image: 7ae85767e3b7/ubuntu
PS C:\Windows\system32> docker images
REPOSITORY    TAG          IMAGE ID          CREATED        SIZE
ubuntu          latest      ff0fea8310f3     2 weeks ago   72.8MB
hello-world     latest      feb5d9fea6a5     6 months ago   13.3kB
PS C:\Windows\system32>
```