




 Containers


 Images

 Volumes


 Dev Environments BETA

 Learning Center



Extensions 











 Add Extensions

Containers

[Give feedback](#) 

A container packages up code and its dependencies so the application runs quickly and reliably from one computing environment to another. [Learn more](#)


  Only show running containers


<input type="checkbox"/>	Name	Image	Status	Port(s)	Last started	Actions
<input type="checkbox"/>	 nervous_kalam dbbf3d0d3153 	hello-world	Exited		8 minutes ago	  
<input type="checkbox"/>	 intelligent_goldwasser 53a3395f9c01 	hello-world	Exited		6 minutes ago	  

Install the Disk Usage extension and reclaim space in one step.


Install

Dismiss

RAM 2.69 GB CPU 0.07%  Not connected to Hub



ENG IN

04:39 PM 21-04-2023 

C:\Windows\System32\cmd.e X + v

```
D:\docker\doc_practice>docker images hello-world
REPOSITORY TAG IMAGE ID CREATED SIZE
hello-world latest feb5d9fea6a5 19 months ago 13.3kB

D:\docker\doc_practice>docker ps
CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

D:\docker\doc_practice>docker ps -a
CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES
53a3395f9c01 hello-world "/hello" 38 seconds ago Exited (0) 37 seconds ago intelligent_goldwasser
dbbf3d0d3153 hello-world "/hello" 3 minutes ago Exited (0) 3 minutes ago nervous_kalam
a777676b9da1 hello-world "/hello" 4 minutes ago Exited (0) 4 minutes ago beautiful_sanderson

D:\docker\doc_practice>docker start beautiful_sanderson
beautiful_sanderson

D:\docker\doc_practice>docker stop beautiful_sanderson
beautiful_sanderson

D:\docker\doc_practice>
```

Artifactory **EARLY ACCESS**

1 images

Search

Dismiss

🔍 Search

|||

Only show running containers

1

ismis:

Administrator: Command Prompt

```
C:\Windows\System32>docker --version
Docker version 20.10.24, build 297e128
```

```
C:\Windows\System32>docker info
```

```
Client:
Context:    default
Debug Mode: false
Plugins:
buildx: Docker Buildx (Docker Inc., v0.10.4)
compose: Docker Compose (Docker Inc., v2.17.2)
dev: Docker Dev Environments (Docker Inc., v0.1.0)
extension: Manages Docker extensions (Docker Inc., v0.2.19)
init: Creates Docker-related starter files for your project (Docker Inc., v0.1.0-beta.2)
sbom: View the packaged-based Software Bill Of Materials (SBOM) for an image (Anchore Inc., 0.6.0)
scan: Docker Scan (Docker Inc., v0.25.0)
scout: Command line tool for Docker Scout (Docker Inc., v0.9.0)
```

```
Server:
```

```
Containers: 0
```

```
Running: 0
```

```
Paused: 0
```

```
Stopped: 0
```

```
Images: 0
```

```
Server Version: 20.10.24
```

```
Storage Driver: overlay2
```

```
Backing Filesystem: extfs
```

```
Supports d_type: true
```

```
Native Overlay Diff: true
```

```
userxattr: false
```

```
Logging Driver: json-file
```

```
Cgroup Driver: cgroupfs
```

```
Cgroup Version: 1
```

```
Plugins:
```

```
Volume: local
```

```
Network: bridge host ipvlan macvlan null overlay
```

```
Log: awslogs fluentd gcplogs gelf journald json-file local logentries splunk syslog
```

```
Swarm: inactive
```

```
Runtimes: runc io.containerd.runc.v2 io.containerd.runtime.v1.linux
```

```
Default Runtime: runc
```

```
Init Binary: docker-init
```

```
containerd version: 2456e983eb9e37e47538f59ea18f2043c9a73640
```

```
runc version: v1.1.4-0-g5fd4c4d
```

```
init version: de40ad0
```

```
Security Options:
```

```
seccomp
```

```
Profile: default
```

```
Kernel Version: 5.10.16.3-microsoft-standard-WSL2
```

```
Operating System: Docker Desktop
```

```
OSType: linux
```

```
Architecture: x86_64
```

```
CPUs: 12
```

```
Total Memory: 7.691GiB
```



```
C:\Windows\System32\cmd.e  X  +  v  -  [icon]  X

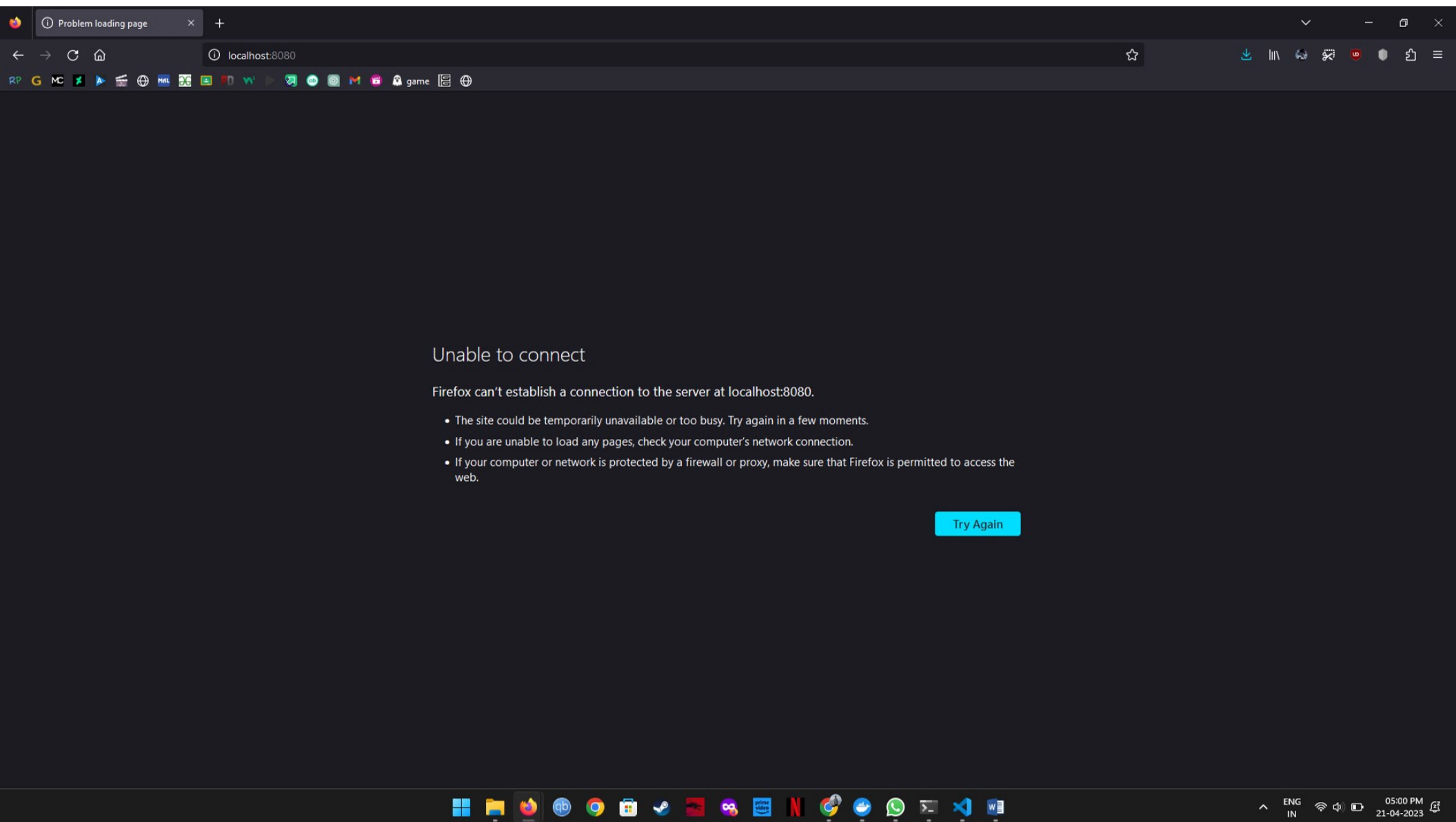
D:\docker\doc_practice>docker run -d -p8080:80 nginx
e4a30a4c33c09376a5fd731cc714c3bc1b7d6ce22c2444a907df010d0b74ff1d

D:\docker\doc_practice>docker ps
CONTAINER ID   IMAGE     COMMAND                  CREATED        STATUS        PORTS                    NAMES
e4a30a4c33c0   nginx    "/docker-entrypoint...." 13 seconds ago Up 11 seconds  0.0.0.0:8080->80/tcp    magical_roentgen

D:\docker\doc_practice>docker stop 6efc10a0510f
Error response from daemon: No such container: 6efc10a0510f

D:\docker\doc_practice>docker stop e4a30a4c33c0
e4a30a4c33c0

D:\docker\doc_practice>|
```





Welcome to nginx!

If you see this page, the nginx web server is successfully installed and working. Further configuration is required.

For online documentation and support please refer to nginx.org.
Commercial support is available at nginx.com.

Thank you for using nginx.



C:\Windows\System32\cmd.e X + v

```
D:\docker\doc_practice>docker run -d -p8080:80 nginx
e4a30a4c33c09376a5fd731cc714c3bc1b7d6ce22c2444a907df010d0b74ff1d

D:\docker\doc_practice>docker ps
CONTAINER ID   IMAGE     COMMAND                  CREATED        STATUS      PORTS                               NAMES
e4a30a4c33c0   nginx    "/docker-entrypoint...." 13 seconds ago Up 11 seconds 0.0.0.0:8080->80/tcp    magical_roentgen

D:\docker\doc_practice>
```

Docker Desktop

Upgrade plan

Search for local and remote images, containers, and more...

Ctrl+K

Sign in

Containers

Images

Volumes

Dev Environments

Learning Center

Extensions

Add Extensions

Images

Give feedback

An image is a read-only template with instructions for creating a Docker container. [Learn more](#)

Local

Hub

Artifactory

EARLY ACCESS

Refresh to see disk usage

2 images

Last refresh: about 3 hours ago

Search

Delete

Space to be reclaimed 142.15 MB

	Name	Tag	Status	Created	Size	Actions
<input checked="" type="checkbox"/>	nginx 6efc10a0510f	latest	Unused	9 days ago	142.15 MB	<div></div> <div></div> <div></div>
<input type="checkbox"/>	hello-world feb5d9fea6a5	latest	In use	over 1 year ago	13.25 KB	<div></div> <div></div> <div></div>

Selected 1 of 2

RAM 3.04 GB

Not connected to Hub

v4.18.0

ENG IN

04:56 PM

21-04-2023

```
C:\Windows\System32\cmd.e X + v
D:\docker\doc_practice>docker pull nginx
Using default tag: latest
latest: Pulling from library/nginx
26c5c85e47da: Pull complete
4f3256bdf66b: Pull complete
2019c71d5655: Pull complete
8c767bdb9ae: Pull complete
78e14bb05fd3: Pull complete
75576236abf5: Pull complete
Digest: sha256:63b44e8ddb83d5dd8020327c1f40436e37a6fffd3ef2498a6204df23be6e7e94
Status: Downloaded newer image for nginx:latest
docker.io/library/nginx:latest

D:\docker\doc_practice>|
```

```
C:\Windows\System32\cmd.e  +  v

D:\docker\doc_practice>docker build github.com/creack/docker-firefox
[+] Building 34.8s (5/9)
=> [internal] load git source github.com/creack/docker-firefox 1.6s
=> [internal] load metadata for docker.io/library/ubuntu:12.04 4.0s
=> [1/7] FROM docker.io/library/ubuntu:12.04@sha256:18305429afa14ea462f810146ba44d4363ae76e4c8dfc38288cf73aa07485005 11.7s
=> resolve docker.io/library/ubuntu:12.04@sha256:18305429afa14ea462f810146ba44d4363ae76e4c8dfc38288cf73aa07485005 0.0s
=> sha256:18305429afa14ea462f810146ba44d4363ae76e4c8dfc38288cf73aa07485005 1.36kB / 1.36kB 0.0s
=> sha256:5b117edd0b767986092e9f721ba2364951b0a271f53f1f41aff9dd1861c2d4fe 3.62kB / 3.62kB 0.0s
=> sha256:d8868e50ac4c7104d2200d42f432b661b2da8c1e417ccfae217e6a1e04bb9295 39.10MB / 39.10MB 4.1s
=> sha256:83251ac64627fc331584f6c498b3aba5badc01574e2c70b2499af3af16630eed 57.94kB / 57.94kB 1.8s
=> sha256:589bba2f1b36ae56f0152c246e2541c5aa604b058febfcf2be32e9a304fec610 423B / 423B 1.5s
=> sha256:d62ecaceda3964b735cdd2af613d6bb136a52c1da0838b2ff4b4dab4212bcb1c 680B / 680B 2.3s
=> sha256:6d93b41cfc6bf0d2522b7cf61588de4cd045065b36c52bd3aec2ba0622b2b22b 162B / 162B 2.5s
=> extracting sha256:d8868e50ac4c7104d2200d42f432b661b2da8c1e417ccfae217e6a1e04bb9295 5.7s
=> extracting sha256:83251ac64627fc331584f6c498b3aba5badc01574e2c70b2499af3af16630eed 0.0s
=> extracting sha256:589bba2f1b36ae56f0152c246e2541c5aa604b058febfcf2be32e9a304fec610 0.0s
=> extracting sha256:d62ecaceda3964b735cdd2af613d6bb136a52c1da0838b2ff4b4dab4212bcb1c 0.0s
=> extracting sha256:6d93b41cfc6bf0d2522b7cf61588de4cd045065b36c52bd3aec2ba0622b2b22b 0.0s
=> [2/7] RUN ECHO "deb http://archive.ubuntu.com/ubuntu precise main universe" > /etc/apt/sources.list 1.8s
=> ERROR [3/7] RUN APT-GET update 15.6s
-----
> [3/7] RUN APT-GET update:
#5 2.988 Ign http://archive.ubuntu.com precise Release.gpg
#5 4.001 Ign http://archive.ubuntu.com precise Release
#5 12.53 Err http://archive.ubuntu.com precise/main amd64 Packages
#5 12.53 404 Not Found [IP: 91.189.91.38 80]
#5 13.53 Err http://archive.ubuntu.com precise/universe amd64 Packages
#5 13.53 404 Not Found [IP: 91.189.91.38 80]
#5 14.42 Err http://archive.ubuntu.com precise/main i386 Packages
#5 14.42 404 Not Found [IP: 91.189.91.38 80]
#5 15.50 Err http://archive.ubuntu.com precise/universe i386 Packages
#5 15.50 404 Not Found [IP: 91.189.91.38 80]
#5 15.50 W: Failed to fetch http://archive.ubuntu.com/ubuntu/dists/precise/main/binary-amd64/Packages 404 Not Found [IP: 91.189.91.38 80]
#5 15.50 W: Failed to fetch http://archive.ubuntu.com/ubuntu/dists/precise/universe/binary-amd64/Packages 404 Not Found [IP: 91.189.91.38 80]
#5 15.50 W: Failed to fetch http://archive.ubuntu.com/ubuntu/dists/precise/main/binary-i386/Packages 404 Not Found [IP: 91.189.91.38 80]
#5 15.50 W: Failed to fetch http://archive.ubuntu.com/ubuntu/dists/precise/universe/binary-i386/Packages 404 Not Found [IP: 91.189.91.38 80]
#5 15.50 E: Some index files failed to download. They have been ignored, or old ones used instead.
-----
executor failed running [/bin/sh -c apt-get update]: exit code: 100

D:\docker\doc_practice>
```

```
C:\Windows\System32\cmd.e
D:\docker\doc_practice>docker --help

Usage:  docker [OPTIONS] COMMAND

A self-sufficient runtime for containers

Options:
  --config string      Location of client config files (default
                        "C:\\Users\\Sumukh G\\.docker")
  -c, --context string  Name of the context to use to connect to the
                        daemon (overrides DOCKER_HOST env var and
                        default context set with "docker context use")
  -D, --debug           Enable debug mode
  -H, --host list       Daemon socket(s) to connect to
  -l, --log-level string Set the logging level
                        ("debug"|"info"|"warn"|"error"|"fatal")
                        (default "info")
  --tls                Use TLS; implied by --tlsverify
  --tlscacert string    Trust certs signed only by this CA (default
                        "C:\\Users\\Sumukh G\\.docker\\ca.pem")
  --tlscert string      Path to TLS certificate file (default
                        "C:\\Users\\Sumukh G\\.docker\\cert.pem")
  --tlskey string       Path to TLS key file (default
                        "C:\\Users\\Sumukh G\\.docker\\key.pem")
  --tlsverify           Use TLS and verify the remote
  -v, --version         Print version information and quit

Management Commands:
  builder      Manage builds
  buildx*      Docker Buildx (Docker Inc., v0.10.4)
  compose*     Docker Compose (Docker Inc., v2.17.2)
  config       Manage Docker configs
  container     Manage containers
  context       Manage contexts
  dev*         Docker Dev Environments (Docker Inc., v0.1.0)
  extension*   Manages Docker extensions (Docker Inc., v0.2.19)
  image        Manage images
  init*        Creates Docker-related starter files for your project (Docker Inc., v0.1.0-beta.2)
  manifest     Manage Docker image manifests and manifest lists
  network      Manage networks
  node         Manage Swarm nodes
  plugin       Manage plugins
  sbom*        View the packaged-based Software Bill Of Materials (SBOM) for an image (Anchore Inc., 0.6.0)
  scan*        Docker Scan (Docker Inc., v0.25.0)
  scout*       Command line tool for Docker Scout (Docker Inc., v0.9.0)
  secret       Manage Docker secrets
  service      Manage services
  stack        Manage Docker stacks
  swarm        Manage Swarm
  system       Manage Docker
```

```
D:\docker\doc_practice>docker rm a777676b9da1
a777676b9da1
```

```
D:\docker\doc_practice>docker ps -a
```

CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS	PORTS	NAMES
53a3395f9c01	hello-world	"/hello"	5 minutes ago	Exited (0) 5 minutes ago		intelligent_goldwasser
dbbf3d0d3153	hello-world	"/hello"	8 minutes ago	Exited (0) 8 minutes ago		nervous_kalam

```
D:\docker\doc_practice>docker search hello-world
```

NAME	DESCRIPTION	STARS	OFFICIAL	AUTOMATED
hello-world	Hello World! (an example of minimal Dockeriz...	2015	[OK]	
kitematic/hello-world-nginx	A light-weight nginx container that demonstr...	153		
tutum/hello-world	Image to test docker deployments. Has Apache...	90		[OK]
dockercloud/hello-world	Hello World!	20		[OK]
crccheck/hello-world	Hello World web server in under 2.5 MB	15		[OK]
vadimo/hello-world-rest	A simple REST Service that echoes back all t...	7		[OK]
rancher/hello-world		4		
ansibleplaybookbundle/hello-world-db-apb	An APB which deploys a sample Hello World! a...	2		[OK]
thomaspoignant/hello-world-rest-json	This project is a REST hello-world API to bu...	2		
ppc64le/hello-world	Hello World! (an example of minimal Dockeriz...	2		
ansibleplaybookbundle/hello-world-apb	An APB which deploys a sample Hello World! a...	1		[OK]
freddiedevops/hello-world-spring-boot		0		
armswdev/c-hello-world	Simple hello-world C program on Alpine Linux...	0		
strimzi/hello-world-producer		0		
strimzi/hello-world-consumer		0		
businessgeeks00/hello-world-nodejs		0		
roudaiii/hello-world		0		
okteto/hello-world		0		
strimzi/hello-world-streams		0		
tsepotesting123/hello-world		0		
golift/hello-world	Hello World Go-App built by Go Lift Applicat...	0		
garystafford/hello-world	Simple hello-world Spring Boot service for t...	0		[OK]
kevindockercompany/hello-world		0		
dandando/hello-world-dotnet		0		
tacc/hello-world		0		

```
D:\docker\doc_practice>
```