

DOCKER CLI INSTALLATION

Team ID	PNT2022TMID51006
Project Name	PERSONAL EXPENSE TRACKER APPLICATION

The image shows two screenshots related to Docker. The top screenshot is the Docker Desktop 'Containers' tab, displaying a list of running containers. The bottom screenshot is a Windows Command Prompt window showing the output of the 'docker help' command.

Docker Desktop Containers Tab:

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

Search: cb90f98fd791

	NAME	IMAGE	STATUS	PORT(S)	STARTED	ACTIONS
<input type="checkbox"/>	mystifying_vaughan b5c73ae4b7c4	docker/getting-started:latest	Running	80:80	4 hours ago	
<input type="checkbox"/>	intelligent_mculty 6291542efb51	docker/getting-started:latest	Running		4 hours ago	
<input type="checkbox"/>	zealous_leiderberg f1c0b9f27918	docker/getting-started:latest	Created (128)	80:80		

Showing 3 items

Command Prompt:

```
C:\Users\welcome>docker help

Usage: docker [OPTIONS] COMMAND

A self-sufficient runtime for containers

Options:
  --config string      Location of client config files (default
                        "C:\Users\welcome\.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\welcome\.docker\ca.pem")
  --tlscert string      Path to TLS certificate file (default
                        "C:\Users\welcome\.docker\cert.pem")
  --tlskey string        Path to TLS key file (default
                        "C:\Users\welcome\.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., v0.9.1)
  compose*             Docker Compose (Docker Inc., v2.12.1)
  config               Manage Docker configs
  container            Manage containers
  context              Manage contexts
  dev*                Docker Dev Environments (Docker Inc., v0.0.3)
  extension*           Manages Docker extensions (Docker Inc., v0.2.13)
  image                Manage images
  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., v0.21.0)
  secret              Manage Docker secrets
```

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Command Prompt
secret Manage Docker secrets
service Manage services
stack Manage Docker stacks
swarm Manage Swarm
system Manage Docker
trust Manage trust on Docker images
volume Manage volumes

Commands:
attach Attach local standard input, output, and error streams to a running container
build Build an image from a Dockerfile
commit Create a new image from a container's changes
cp Copy files/folders between a container and the local filesystem
create Create a new container
diff Inspect changes to files or directories on a container's filesystem
events Get real time events from the server
exec Run a command in a running container
export Export a container's filesystem as a tar archive
history Show the history of an image
images List images
import Import the contents from a tarball to create a filesystem image
info Display system-wide information
inspect Return low-level information on Docker objects
kill Kill one or more running containers
load Load an image from a tar archive or STDIN
login Log in to a Docker registry
logout Log out from a Docker registry
logs Fetch the logs of a container
pause Pause all processes within one or more containers
port List port mappings or a specific mapping for the container
ps List containers
pull Pull an image or a repository from a registry
push Push an image or a repository to a registry
rename Rename a container
restart Restart one or more containers
rm Remove one or more containers
rmi Remove one or more images
run Run a command in a new container
save Save one or more images to a tar archive (streamed to STDOUT by default)
search Search the Docker Hub for images
start Start one or more stopped containers
stats Display a live stream of container(s) resource usage statistics
stop Stop one or more running containers
tag Create a tag TARGET_IMAGE that refers to SOURCE_IMAGE

Type here to search
```

```
Command Prompt
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stop Stop one or more running containers
tag Create a tag TARGET_IMAGE that refers to SOURCE_IMAGE
top Display the running processes of a container
unpause Unpause all processes within one or more containers
update Update configuration of one or more containers
version Show the Docker version information
wait Block until one or more containers stop, then print their exit codes

Run 'docker COMMAND --help' for more information on a command.

To get more help with docker, check out our guides at https://docs.docker.com/go/guides/

C:\Users\welcome>
```