



Docker Commands

Let's Learn



@Shailesh Jha

Seize every opportunity to grow.





Daily Journal

Create a container (without starting it):

```
docker create [IMAGE]
```

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Daily Journal

Rename an existing container:

docker rename

[CONTAINER_NAME]

[NEW_CONTAINER_NAME]

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Daily Journal

Run a command in a new container:

*docker run [IMAGE]
[COMMAND]*

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Daily Journal

Create a container (without starting it):

```
docker create [IMAGE]
```

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Docker few run Commands :

docker run --rm [IMAGE] – removes a container after it exits.

docker run -td [IMAGE] – starts a container and keeps it running.

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Starting and Stopping Containers :

docker start [CONTAINER]

docker restart [CONTAINER]

docker stop [CONTAINER]

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Pause processes in a running container:

docker pause [CONTAINER]

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Kill a container by sending a
SIGKILL to a running
container:

docker kill [CONTAINER]

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Create an image from a
Dockerfile:

docker build [URL]

*docker build -t – builds an
image from a Dockerfile in the
current directory and tags the
image*

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Pull and Push an image from a registry:

docker pull [IMAGE]

docker push [IMAGE]

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Create an image from a container:

```
docker commit [CONTAINER]  
[NEW_IMAGE_NAME]
```

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Load an image from a tar archive or stdin:

docker load

[TAR_FILE/STDIN_FILE]

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Save an image to a tar archive, streamed to STDOUT with all parent layers, tags, and versions:

docker save [IMAGE] > [TAR_FILE]

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List running containers:

`docker ps`

`docker ps -a` – lists both running containers and ones that have stopped

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List the logs from a running container:

docker logs [CONTAINER]

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List real-time events from a container:

docker events [CONTAINER]

docker inspect
[OBJECT_NAME/ID]

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Show port (or specific) mapping for a container:

docker port [CONTAINER]

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Show live resource usage
statistics of containers:

docker stats [CONTAINER]

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Show running processes in a container:

docker top [CONTAINER]

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List all images that are locally stored with the docker engine:

docker image ls

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Show the history of an image:

docker history [IMAGE]

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List Docker networks:

docker network ls

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Show information on one or more networks:

docker network inspect
[NETWORK]

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Connects a container to a network:

*docker network connect
[NETWORK] [CONTAINER]*

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Disconnect a container from a network:

*docker network disconnect
[NETWORK] [CONTAINER]*

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