

Docker

<code>sudo apt-get install docker</code>	Install Docker on Ubuntu
<code>docker images</code>	Shows all images present on local
<code>docker search <image_name></code>	Finds image on docker-hub
<code>docker pull <image_name></code>	Downloads image from docker-hub to local
<code>docker run -it --name <container_name> <image_name> /bin/bash</code>	To give a name to the container and run
<code>systemctl status docker</code>	To check whether docker is running
<code>systemctl restart docker</code>	To restart docker
<code>systemctl start docker</code>	Starts docker
<code>docker ps</code>	To see running containers
<code>docker ps -a</code>	To see all containers
<code>docker attach <container name></code>	To go inside the container
<code>docker stop <container name></code>	stops given container
<code>docker rm <container name></code>	deletes given container
<code>exit</code>	exits container
<code>docker build -t <image_name></code>	Creates image out of a docker file
<code>docker exec -it <container name> /bin/bash</code>	Executes container

Docker Volume

<code>Docker volume ls</code>	Shows all created docker volumes
<code>docker volume create <volume_name></code>	Creates Docker Volume
<code>Docker volume rm <volume name></code>	Deletes Docker Volume
<code>docker volume prune</code>	Removes all unused volumes
<code>docker volume inspect <volume name></code>	Gives volume details
<code>docker container inspect <container name></code>	Gives container details

docker-compose

<code>docker-compose up</code>	Runs docker-compose file and runs container
<code>docker-compose down</code>	Stops running container built from compose file
<code>docker-compose up -d</code>	Starts containers in background and keeps them running



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Published 20th April, 2023.

Last updated 20th April, 2023.

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