

Commands	What it is
wget -qO- https://get.docker.com/ sh	A single Docker installation script which always installs the latest version
sudo usermod -aG docker ubuntu	To add the Ubuntu user into the Docker Group
docker -v	Displays the version with the build
docker --version	Displays the version with the build
docker version	Displays the Client and Server Details
docker system info	Displays the overall picture of Docker Host
docker info	Displays the overall picture of Docker Host
systemctl enable docker	To enable the Docker in Ubuntu/Debian based systems
systemctl is-enabled docker	To check whether Docker is Active or not
docker container ls	To display the running containers
/var/lib/docker	Root directory for your Docker files
docker image ls	To display list of local images
docker images	To display list of local images
docker pull ubuntu:latest	Pulls the Ubuntu latest image from the Dockerhub registry
docker container run -it ubuntu:latest /bin/bash	Start the container in interactive mode with Ubuntu image
Ctrl + PQ	If you hold this keys in your keyboard when you are inside the container, it just pops you out, but container will keep running.
ps -elf	To display the current processes
docker container exec -it containerid or containername bash	To login to the container
docker container stop containername	To stop the container
docker container rm containername	To remove the container
docker container ls -a	To list all the running and non-running containers
docker image build -t test:latest .	Builds the image with the tag name "test:latest"
docker container run -d --name web1 --publish 8080:8080 test:latest	It starts the container with the name "web1" and maps the port hostport 8080 : containerport 8080 with the image "test:latest" and -d means runs on the background as daemon.
Containerd	This manages the container lifecycle like start, stop, pause, restart
Runc	Inline with OCI. Only Single Purpose is to create Containers. Sometimes we call it as OCI Layers
docker container run --name ctr1 -it alpine:latest sh	Starts the container from alpine image in interactive mode
docker image pull ubuntu:latest	Pulls the Ubuntu latest image
docker image pull alpine:latest	Pulls the Alpine latest image
docker image ls	Lists the current downloaded images
https://hub.docker.com/_/nginx	Official Repo
https://hub.docker.com/_/redis	Official Repo

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