

Important Docker Compose commands

Description

docker-compose images

“**docker-compose images**” command builds images of the mentioned services present in the docker-compose.yml file for which a Dockerfile is provided. The job of the “build” command is to get the images ready to create containers. If a service is using the prebuilt image, it will skip that service.

docker-compose build

“**docker-compose build**” command will list the images built using the current docker-compose file.

docker-compose run

“**docker-compose run**” command is somewhat similar to docker run command. It creates containers from images built for the services mentioned in the compose file. It runs a specific service provided as an argument to the command.

docker-compose up

“**docker-compose up**” command does the job of “docker-compose build” and “docker-compose run” commands. It initially builds the images if they are not located locally and then starts the containers. If images are already built, it will fork the container directly. We can force it to rebuild the image by adding a `--build` argument.

docker-compose stop

“**docker-compose stop**” command will stop the running containers of the specified services in the docker-compose file.

docker-compose rm

“**docker-compose rm**” command removes the containers of the services or the containers created using the current docker-compose file. It can be containers created using the “docker-compose run” command or the “docker-compose up” command. It will remove all the containers which have services mentioned in the docker-compose file.

docker-compose start

“**docker-compose start**” command starts any stopped containers of the services. If all the containers are already up and running, they will just inform that all containers are starting and exit with 0 status.

docker-compose restart

“**docker-compose restart**” command restarts all the containers of the services.

docker-compose ps

“**docker-compose ps**” command lists all the containers for services mentioned in the current docker-compose file. The containers can either be running or stopped.

docker-compose down

“**docker-compose down**” command is similar to “docker system prune”. However, there is a small difference. It stops all the services and then cleans up the containers, networks, and images used and created by the compose file services.

docker-compose logs

“**docker-compose logs**” command is similar to docker logs <container ID>. The little difference is this prints all the logs created by all the services. We can also use the -f argument to see real-time logs.

Category

1. commands
2. Docker

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