

## We at dropbit are fond of docker



Build, Ship and Run Any App, Anywhere. We don't have to worry about where our applications are running. If we needed to do a server update, we don't have to fear anymore. We can move away the applications running on this server very quickly. Then we can do server updates and afterwards if everything went well, we move back our applications to the updated server. With docker our application infrastructure became much simpler. dropbit therefore decided to share our experience with docker. From now on we will blog regularly about docker. In this first blog we just show some important commmands, you have to now. We are sure you will become fond of docker too. It's just a matter of time.

### Image Commands

#### pull an image from the docker hub

The [docker hub](#) is a big collection of base images , which you can use for your applications.

```
docker pull motiejus/systemd_centos7
```

#### show local images

```
docker images
```

#### build an image from an own Dockerfile

```
docker build -t myimage .  docker build -no-cache -t myimage .
```

#### delete an image

```
docker rmi myimage
```

## delete all images

```
sudo docker rmi $(sudo docker images -f "dangling=true" -q)
```

## container commands

### show running containers

```
docker ps
```

### show all containers

```
docker ps -a
```

### run a container from an image

```
docker run --name myimage_instance -i -t myimage:latest
```

### run a container in the background

```
docker run -d --name myimage_instance -i -t myimage:latest
```

### stop a container

```
docker stop myimage_instance
```

### delete a container

```
docker rm myimage_instance
```

### delete all containers

```
docker rm $(docker ps -a -q)
```

## miscellaneous

### To get the container's ip address, run the 2 commands

```
docker ps    docker inspect container_name | grep IPAddress
```

### push an image to a local repository

```
docker tag bd393c80a9ca localhost:5000/dropbitbase    docker push localhost:5000/dropbitbase
```

### linking container together

<https://docs.docker.com/userguide/dockerlinks>

This overview was thought just for our team initially. But why not sharing the list with you. If you have some more important commands to add to the overview, then just let us know.