

# Docker Basic Commands

## Build and tag an image

```
docker build [-t <tag>] <. | Dockerfile>
```

## Load image into a container and run it

```
docker run [-it] image[:tag]
```

## Load image into a container and run specified command

```
docker run -it image[:tag] <command>
```

## Get list of all container ids

```
docker ps -a
```

## Delete a (stopped) container

```
docker rm <container id>
```

## Delete every (stopped) container in list

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

## List all image ids

```
docker images -q
```

## Delete all images

```
docker rm $(docker images -q)
```

## Pull an image or a repository from a registry

```
docker pull <image[:tag]>
```

## Push an image or a repository to a registry

```
docker tag <image> <repo|registry>
```

```
docker push <image[:tag]>
```