

Docker Containers Essentials

Basic Command line - LifeCycle of Docker container

```
$ docker run --name <name>
```

Names the container

```
$ docker rm
```

Deletes the container's layer

```
$ docker rmi
```

Deletes base (ancestor) layer(s)

```
$ docker stop
```

Sends SIGTERM then SIGKILL - i.e. `$ kill <proc>`

```
$ docker kill
```

Sends SIGKILL - i.e. `$ kill -9 <proc>`

```
$ docker run --rm
```

Deletes the container's layer on exit

```
$ docker pause
```

Freezes all process in a container

End of Part 1 of 2

- In Part 2/2 we will cover Committing and creating a custom image, DockerFile concept, *Docker volume*, and Docker containers management.