

# Docker Basic Commands

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# Status

Get the docker Version:

```
$> docker --version
```

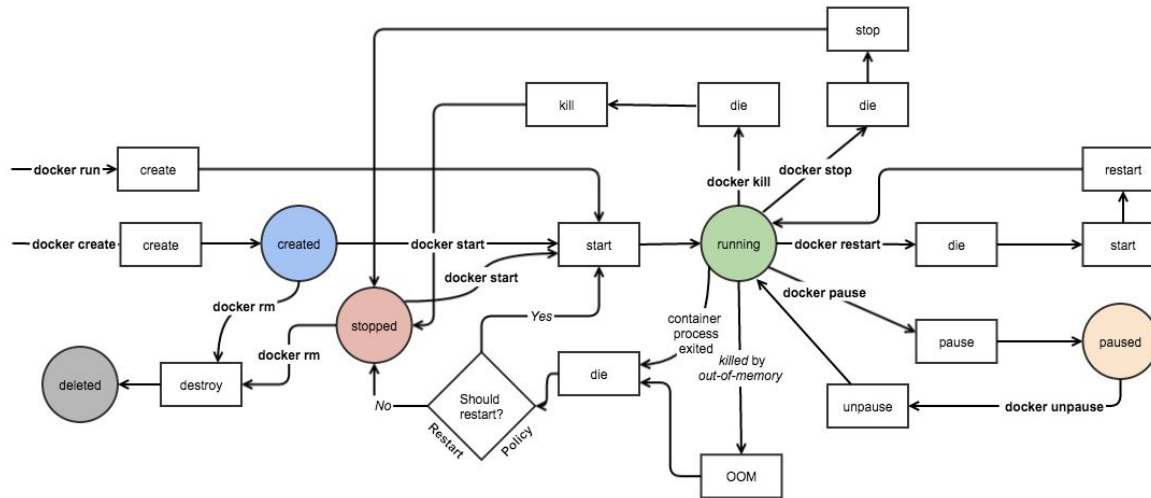
List the local images:

```
$> docker images
```

List the running containers:

```
$> docker ps
```

# Container Lifecycle



# Managing Containers

Run a docker image:

```
$> docker run hello-world -d
```

Stop a docker container:

```
$> docker stop containerID
```

Remove all stopped containers:

```
$> docker container prune
```

# Removing Containers and Images

Remove a container:

```
$> docker rm containerID
```

Remove an image:

```
$> docker rmi imageID
```

Note: Removing an image requires that the associated containers have already been removed.

# Building an Image

1. Create a Dockerfile and add the setup steps to the files

```
$> touch Dockerfile
```

```
$> vi Dockerfile
```

2. Build an image:

```
$> docker build -t .
```

Note: Removing an image requires that the associated containers have already been removed.

# Saving and Loading Images

Save an image:

```
$> docker save imageID > imageId.tar
```

Load an image:

```
$> docker load imageID.tar
```

Thank You!