DOCKER

# Introduction

Docker is a platform for building, running and shipping applications.

docker-compose up

docker-compose down –rmi all

# VM v/s Containers

VM: Abstraction of a physical machine

Each VM need a full blown OS.

Slow to start.

Resource intensive.

Containers: Isolated environment for running an application.

Lightweight.

Use OS of the host.

Start quickly

Require less hardware resources.

# Docker Architecture

Rest API

Container share kernel of host. Container is a process which has its own file system provided by image.