

Using Docker Machine and Docker Client



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Module Agenda

**Getting Started with
Docker Machine**

Docker Machine in Action

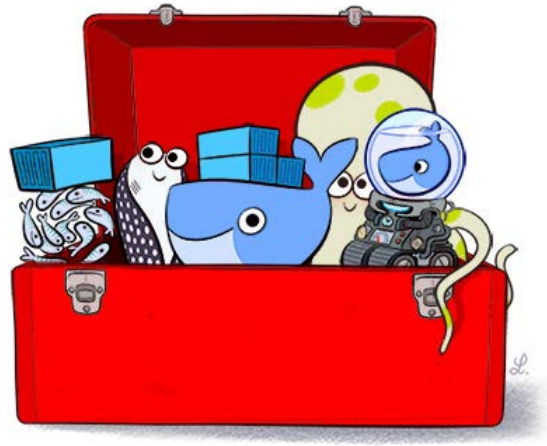
**Getting Started with
Docker Client**

Docker Client in Action

Docker Commands Review



Docker Toolbox



Docker Client

Docker Machine

Docker Compose

Docker Kitematic

VirtualBox

Getting Started with Docker Machine



Docker Machine Overview

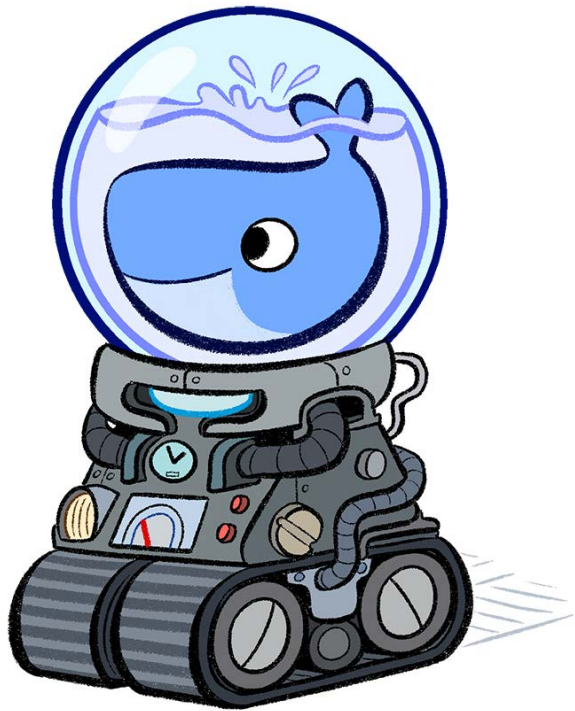
**Create and
Manage Local
Machines**

**Create and
Manage Cloud
Machines**

**Configure Docker
Client to talk to
Machines**



Key Docker Machine Commands



`docker-machine ls`

`docker-machine start [machine name]`

`docker-machine stop [machine name]`

`docker-machine env [machine name]`

`docker-machine ip [machine name]`

Docker Machine in Action (Mac)



Docker Machine in Action (Windows)



Getting Started with Docker Client



Docker Client Overview

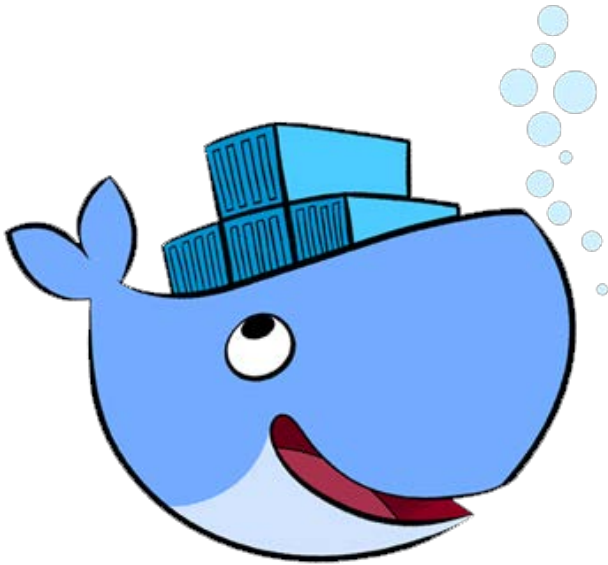
**Interact with
Docker Engine**

**Build and Manage
Images**

**Run and Manage
Containers**



Key Docker Client Commands



`docker pull [image name]`

`docker run [image name]`

`docker images`

`docker ps`

Docker Client in Action (Mac)



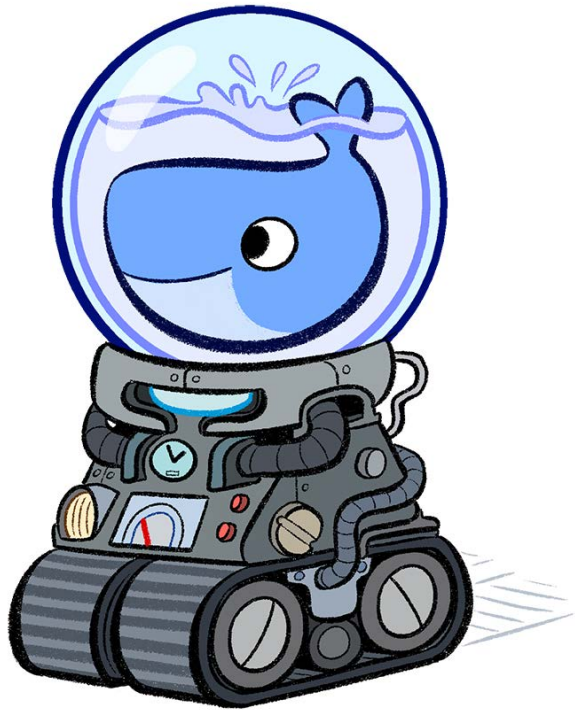
Docker Client in Action (Windows)



Docker Commands Review



Key Docker Machine Commands



`docker-machine ls`

`docker-machine start [machine name]`

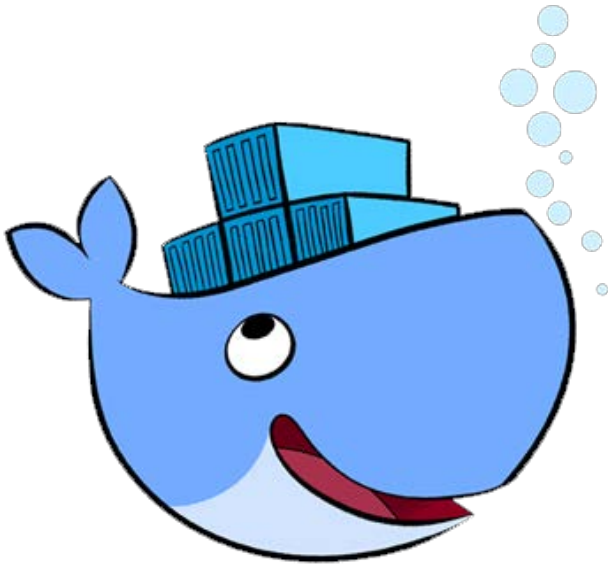
`docker-machine stop [machine name]`

`docker-machine env [machine name]`

`docker-machine ip [machine name]`

`docker-machine status [machine name]`

Key Docker Client Image Commands

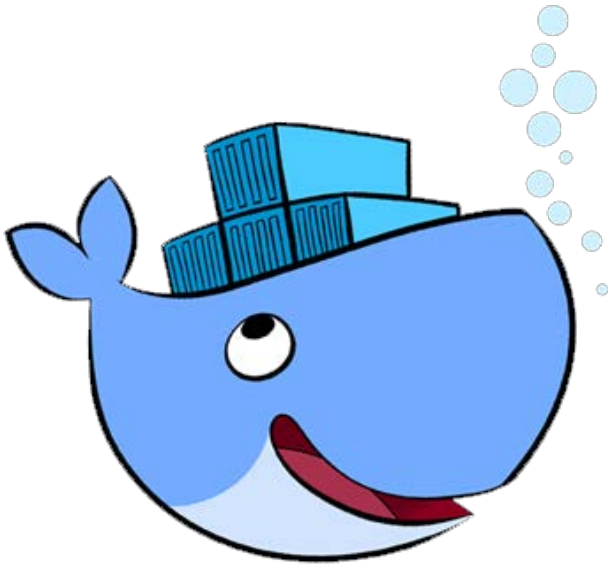


`docker pull [image name]`

`docker images`

`docker rmi [image ID]`

Key Docker Client Container Commands



`docker run [image name]`

`docker ps -a`

`docker rm [container ID]`

Summary



Docker Machine creates and manages machines

Docker Client manages images and containers

