

Using Docker Tools



Dan Wahlin

WAHLIN CONSULTING

@danwahlin www.codewithdan.com



Module Agenda

**Getting Started with
Docker Machine**

Docker Machine in Action

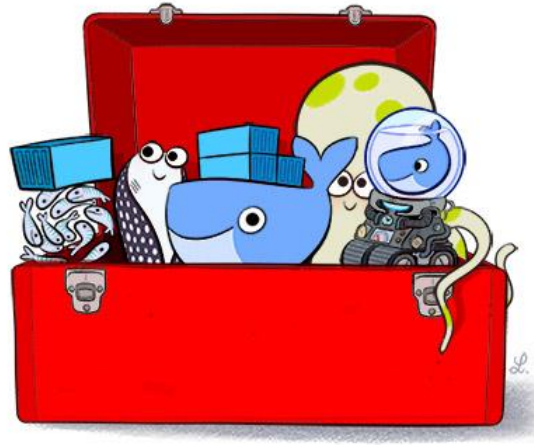
**Getting Started with
Docker Client**

Docker Client in Action

Docker Commands Review



Docker Toolbox Docker Community Edition



Docker Client

Docker Machine

Docker Compose

Docker Kitematic

Virtual Box (Docker Toolbox Only)



Getting Started with Docker Machine



Docker Machine Overview

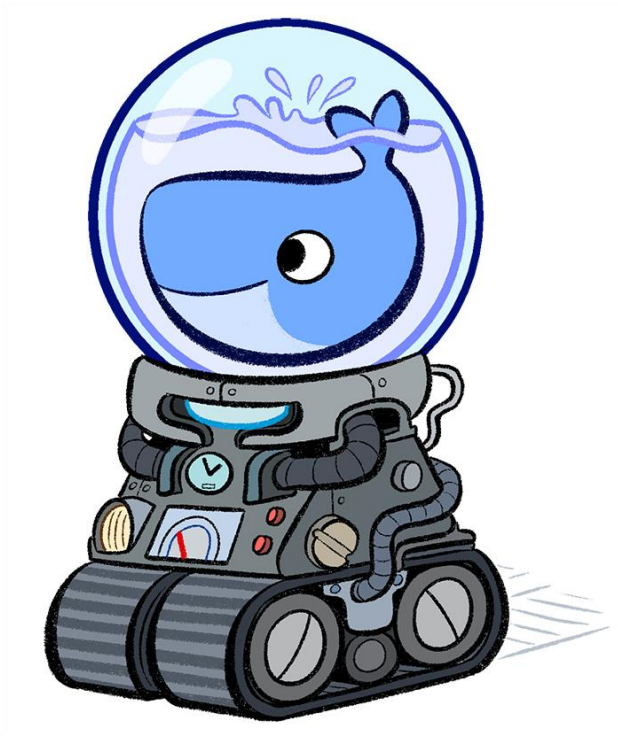
**Create and
Manage Local
Machines**

**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

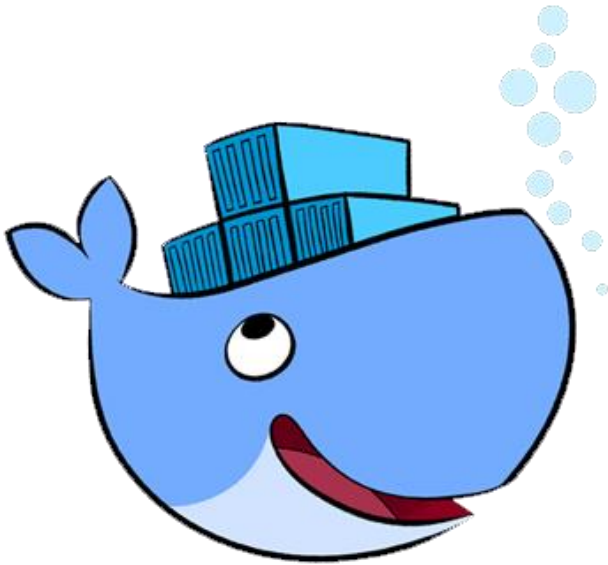
**Interact with
Docker Engine**

**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)



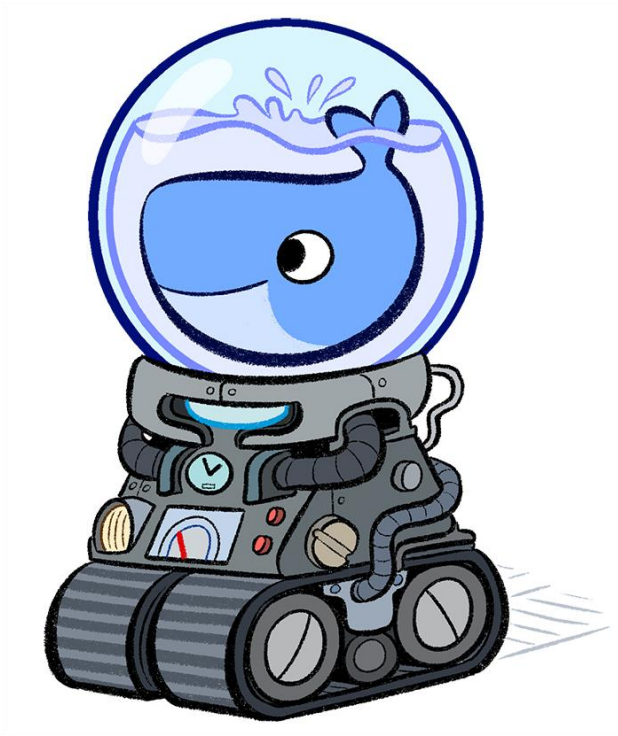
Docker Client in Action (Windows)



Docker Commands Review



Key Docker Machine Commands



`docker-machine ls`

`docker-machine start [machine name]`

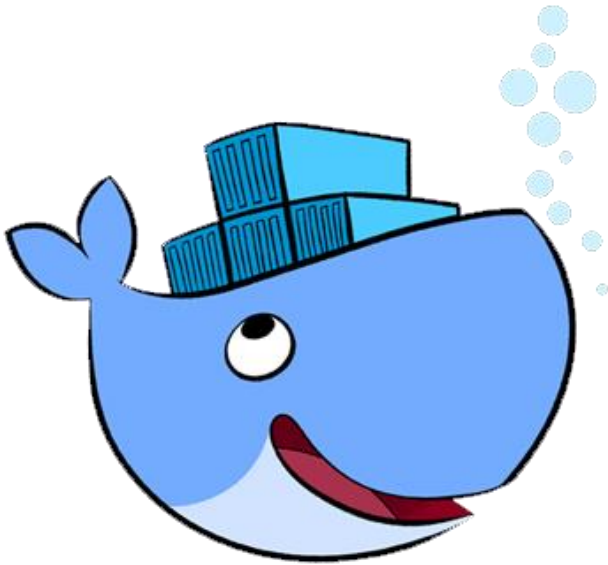
`docker-machine stop [machine name]`

`docker-machine env [machine name]`

`docker-machine ip [machine name]`

`docker-machine status [machine name]`

Key Docker Client Image Commands

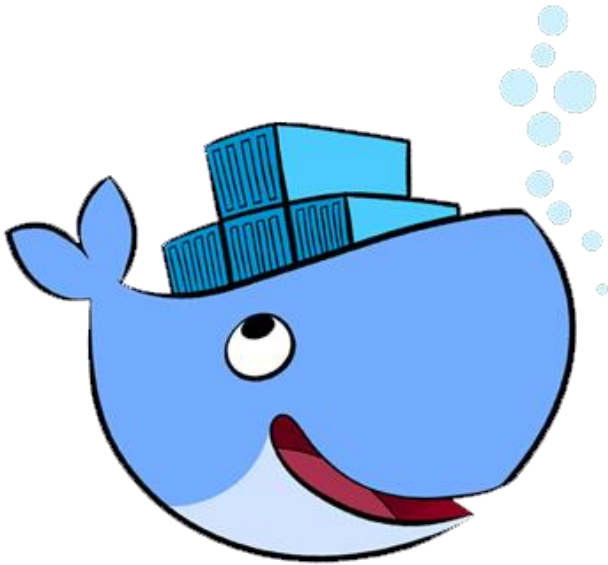


`docker pull [image name]`

`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

