QUICK DOCKER

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AGENDA

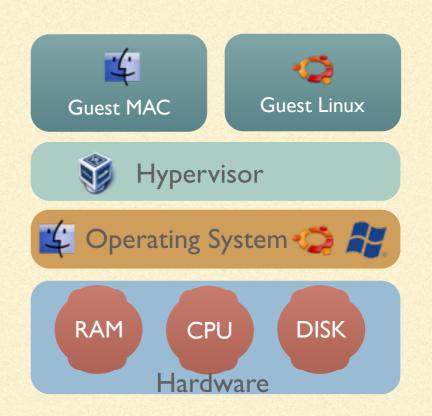
- 1. What is Docker?
- 2. Virtualisation vs Containerisation by Analogy
- 3. Docker Architecture
- 4. Google Search Unit Test with Docker
- 5. Docker Do it yourself

Virtualisation by Analogy

- 450 Sq Ft
- 5 Course Breakfast
- Swimming Pool
- Gymnasium
- Free WiFi

- 350 Sq Ft
- Daily Room Service
 Alternate Day Room Service
 - 3 Course Breakfast
 - Paid WiFi
- Linux is Open Source, Budget Equivalent Virtual Box acts as the Mediation layer Hardware Restricts scale





User Experience defined by OS

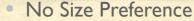
MAC is a Premium OS

Containerisation by Analogy

My Plan - My Stay Docker Image

Docker Container

Jane



- Room Service Daily
- Breakfast Not Required
- · Wifi NO

Bob

- Fitness Gym YES
- Swimming NO











Guest Customises Experience

Staff

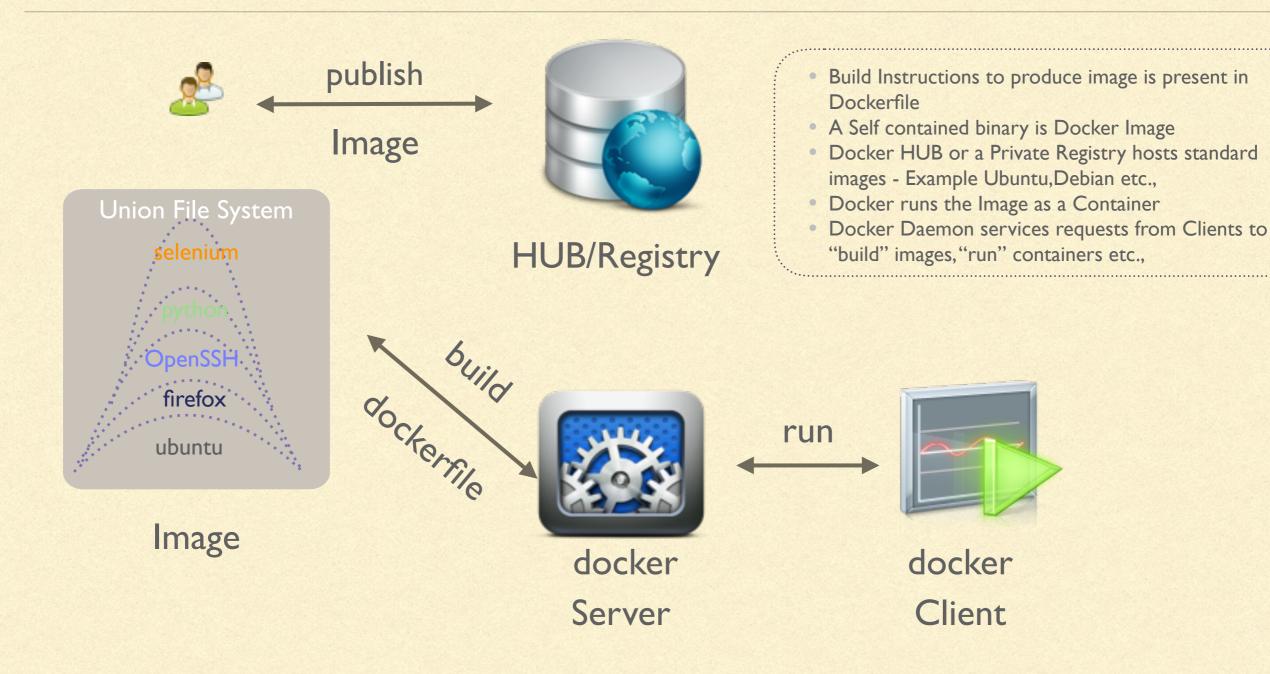
Proprietor



Ram Rajan

- No Size Preference
- Room Service Alternate
- Breakfast YES
- Wifi YES
- Fitness Gym YES
- Swimming YES
- 450 Sq Ft Room
- Room Service Daily
- Breakfast NO
- · Wifi NO
- Fitness Gym YES
- Swimming NO

DOCKER ARCHITECTURE



GOOGLE SEARCH - UNITTEST

https://github.com/rasutech/docker

- I. git clone https://github.com/rasutech/docker
- 2. Install Docker installdocker.sh
- 3. Dockerfile
- 4. Build Docker Image buildme.sh
- 5. Run Docker Container and Run Selenium automation script runme.sh

DOCKER - DO ITYOURSELF

Checkout the docker project from github
Run the Search Test Case in a Container without a Display Server without XII Remote Forwarding(Hint:use Xvfb)
Additional Refinement - try to execute this in Chrome Browser