Docker 101

Hawaii ColdFusion User Group - February 14th, 2023

Docker 101
- What is Docker
- Docker vs Virtual Machine
- CommandBox + Docker
- Setting up a local dev environment

IT WORKS ON MY MACHINE

THEN WE'LL SHIP YOUR MACHINE

AND THAT IS HOW DOCKER WAS BORN

Jim Priest

- Senior Software Developer at Akamai

Containers. What's The Big Deal?

MySQL Installer

- Find latest products
- Setup Type
- Check Requirements
- **Installation**
- Configuration
- Complete

Installation Progress

The following products will be installed

Product
MySQL Server 5.6.11
MySQL Workbench CE 5.2.47
MySQL Notifier 1.0.3

Windows Features

Turn Windows features on or off

To turn a feature on, select its check box. To turn a feature off, clear its check box. A filled box means that only part of the feature is turned on.

- ☐ Internet Information Services
  - ☐ FTP Publishing Service
  - ☐ Web Management Tools
  - ☐ IIS 6 Management Compatibility

Macromedia ColdFusion MX 7

Select Installation Directory

- 🔵 Introduction
- 🔵 License Agreement
- 🔵 Configure Installer
- ⬛ Configure ColdFusion MX
- ⬛ Pre-Installation Summary
- ⬛ Installing
- ⬛ Installation Complete

Select the directory in which to install Macromedia ColdFusion MX 7.
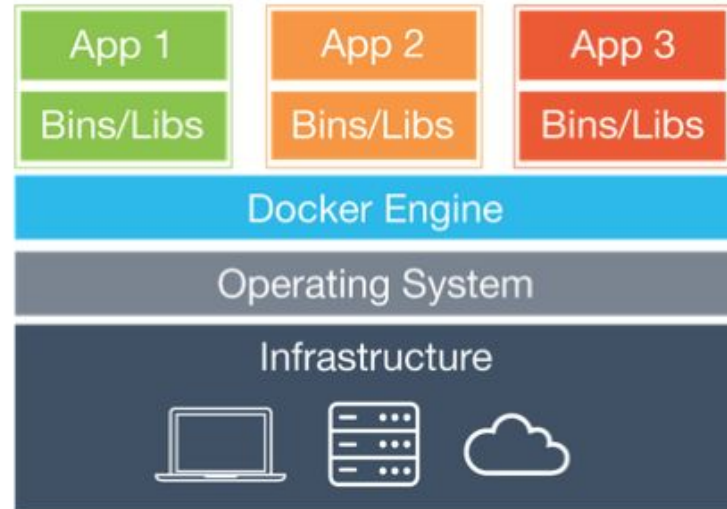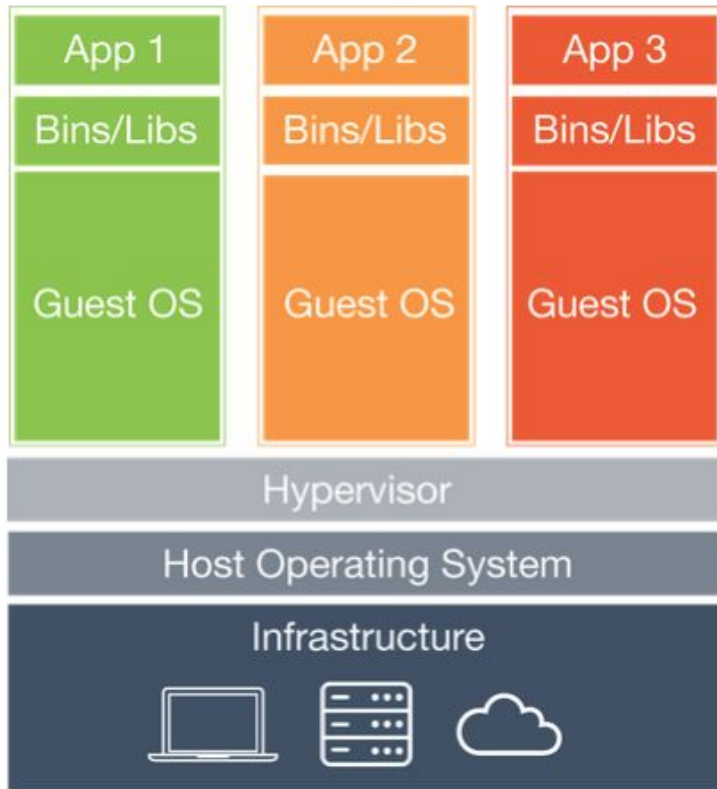
Directory:

C:\CFusionMX7

[Restore Default Directory]   [Browse...]

DevOps: Pets vs. Cattle

Isn't Docker A Virtual Machine (VM)?

COMMANDBOX

IF IT WASN'T FOR YOUR AWESOMENESS

I WOULDN'T HAVE A JOB HERE ANYMORE

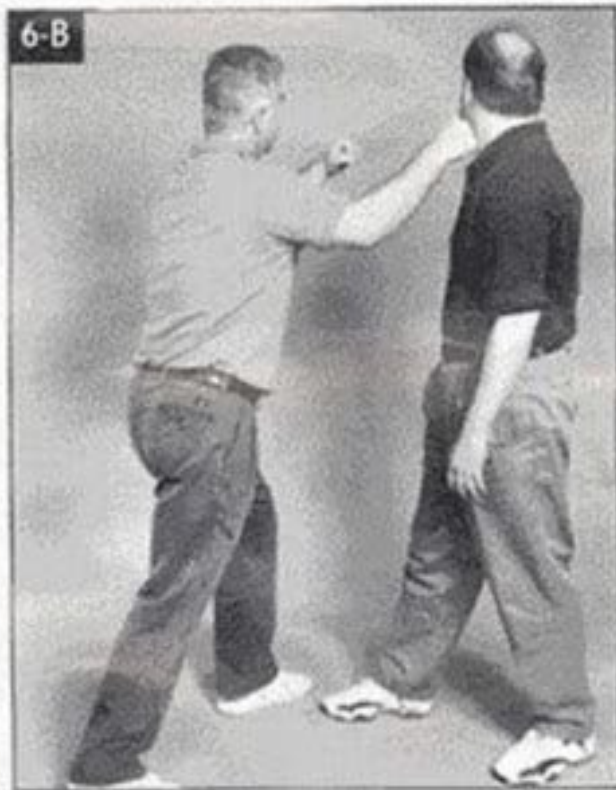imgflip.com

THIS SEEMS EASY

TOO EASY

Time For Some Code!

WRITES FAULT-TOLERANT MULTI-THREADED BACKEND

www.geekyprep.com

BOSS ONLY CARES ABOUT CSS

Live Coding

See code at GitHub: https://github.com/jimpriest/docker-101-hawaii-cfug

TIPS-N-TRICKS

When they aren't looking...
Punch 'em in the neck.

Resources:

- Docker
    - https://www.docker.com/
    - https://hub.docker.com/
- CommandBox
    - https://www.ortussolutions.com/products/commandbox
    - https://hub.docker.com/r/ortussolutions/commandbox/
- Other CFML Related Tools
    - https://github.com/foundeo/minibox
    - https://github.com/foundeo/cfml-ci-tools
- Awesome Lists
    - https://github.com/carehart/awesome-cf-compose
    - https://github.com/veggiemonk/awesome-docker
    - https://github.com/docker/awesome-compose
- Other
    - https://www.manuel-strehl.de/quick_docker_commands
- Podman
    - https://podman.io/
- This Presentation
    - https://github.com/jimpriest/docker-101-hawaii-cfug

MEETING'S ALMOST OVER

THEN SOMEONE ASKS A QUESTION

memegenerator.net