

FAST local development with Kalabox + Pantheon

@ Kalamuna LLC / 2013 / 07 / 14



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Solutions Architect



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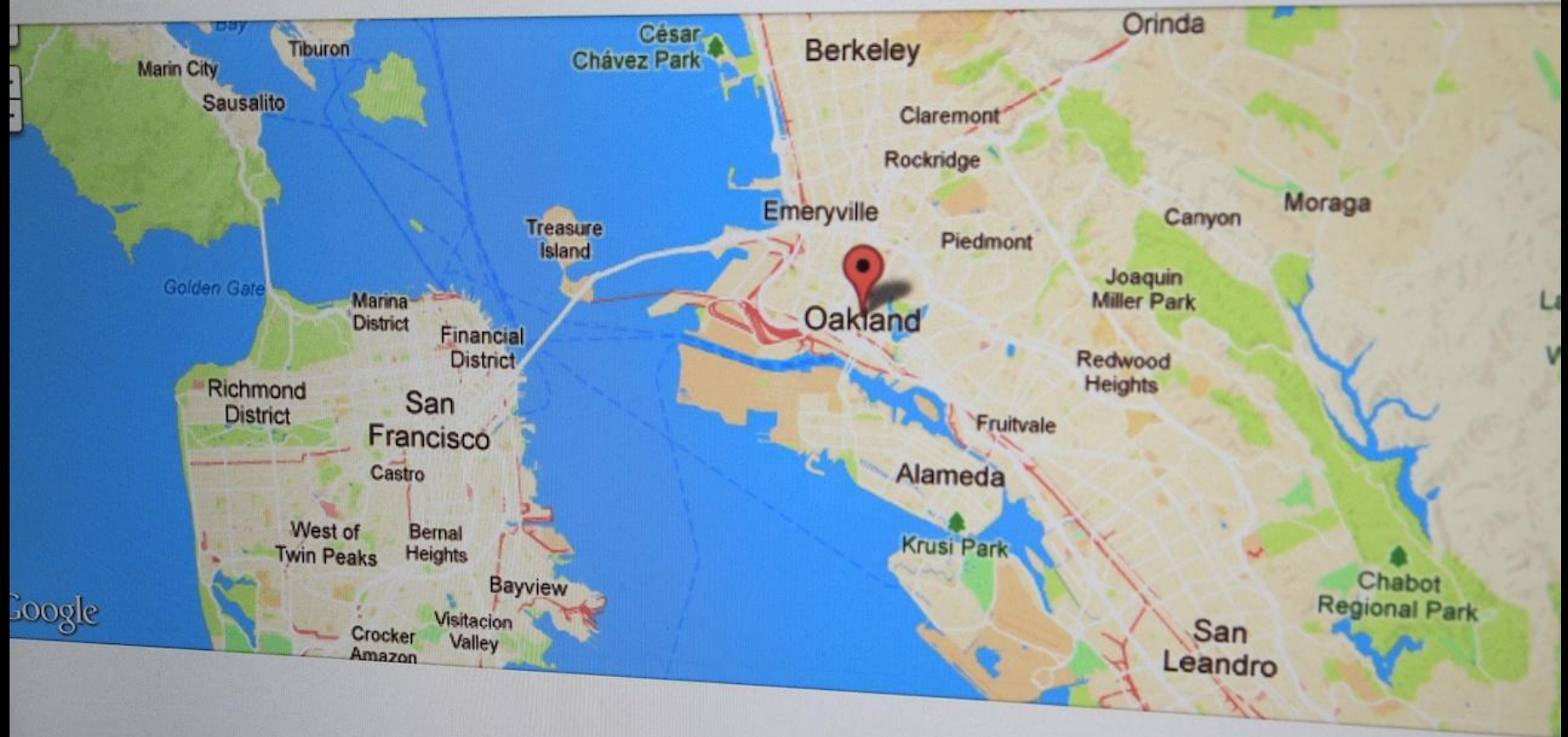
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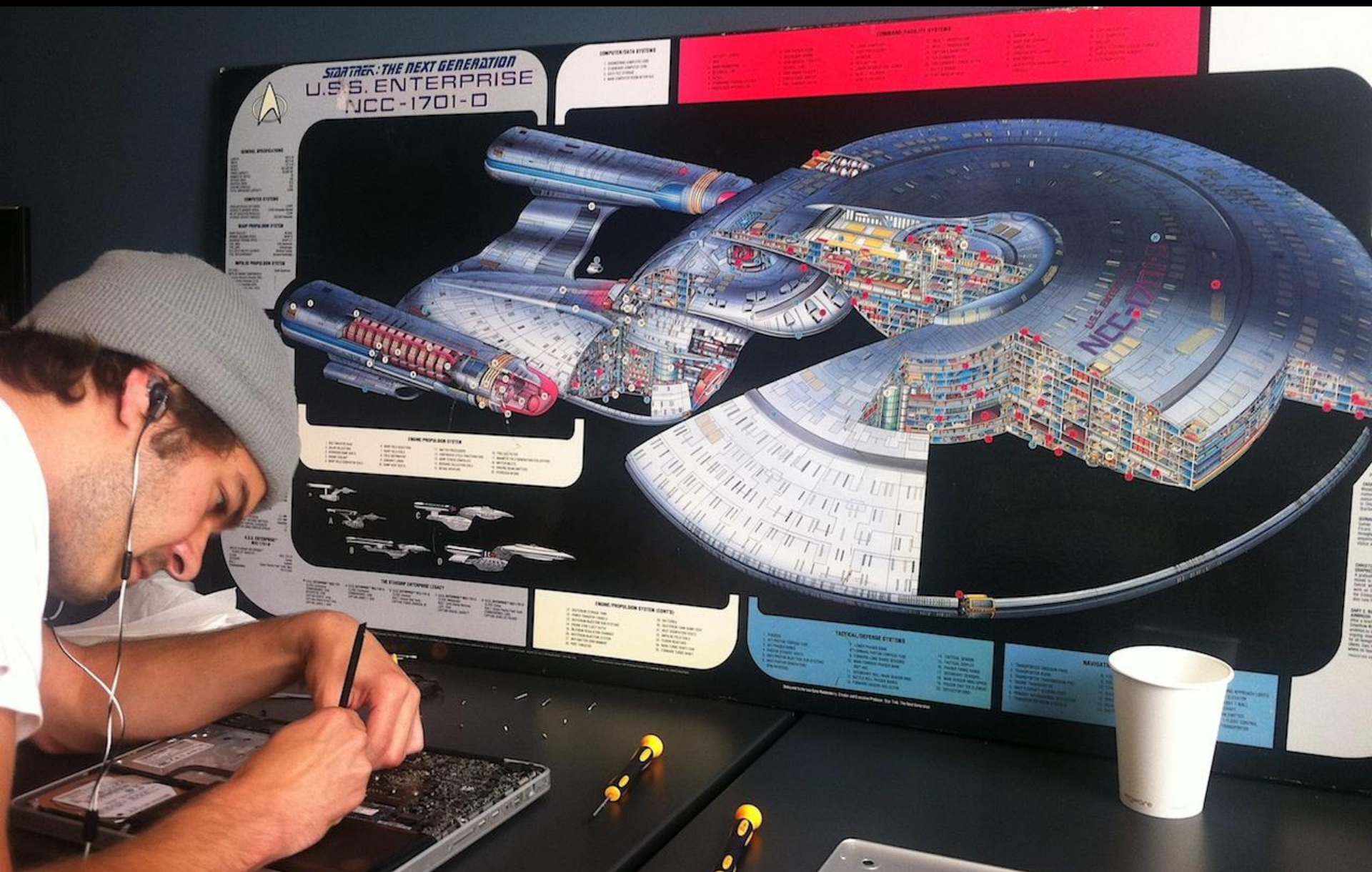
hello, Toronto

KALAMUNA



WE LIKE TALKING so contact us to talk about your project.

chief engineer = Mike Pirog



we've got something really
exciting, but first...

current local stack options



BitNami

Drupal Quickstart /
DrupalPro



megalodon



Pros

- Faster than on server dev
- Deployment
- Try new things
- Fail privately
- Internet independent – Codez on Planes
- Get on same page as team
- Easier fileplay/IDEplay
- Free!

Cons

- Can be slow
- Pain to set up
- Not a native stack
- Not a modern stack
- Not an authentic webserver experience
- Difficult to use
- Parity with production
- Lacking tools
- Can't upgrade / hack around
- Additional setup costs to make up config difference

THE IDEAL STACK

- Fast
- Modern - optimized and tuned for php dev
- Native - actually runs on Linux
- Ridiculously easy to setup - sane defaults
- Accessible for newbies, control for veterans
- Parity with production - change environments
- Great tools
- Automation for common tasks
- Easy to deploy your site

now for the exciting part...

Kalabox



Hi There.

Kalabox



stack

linux

nginx

mysql

php5

tomcat/solr

Kalabox



tools

phpmyadmin

apc

ssh

git

drush

xdebug

webgrind

nfs

pantheon commands

kaladash

Kalabox



magix

nodejs

virtualbox

vagrant

puppet/chef

foreman

Kalabox



works on

macosx

windows

debian

fedora

nintendo wii

now is the time to show them
the installer...

Kalabox



background install

nodejs

download vb

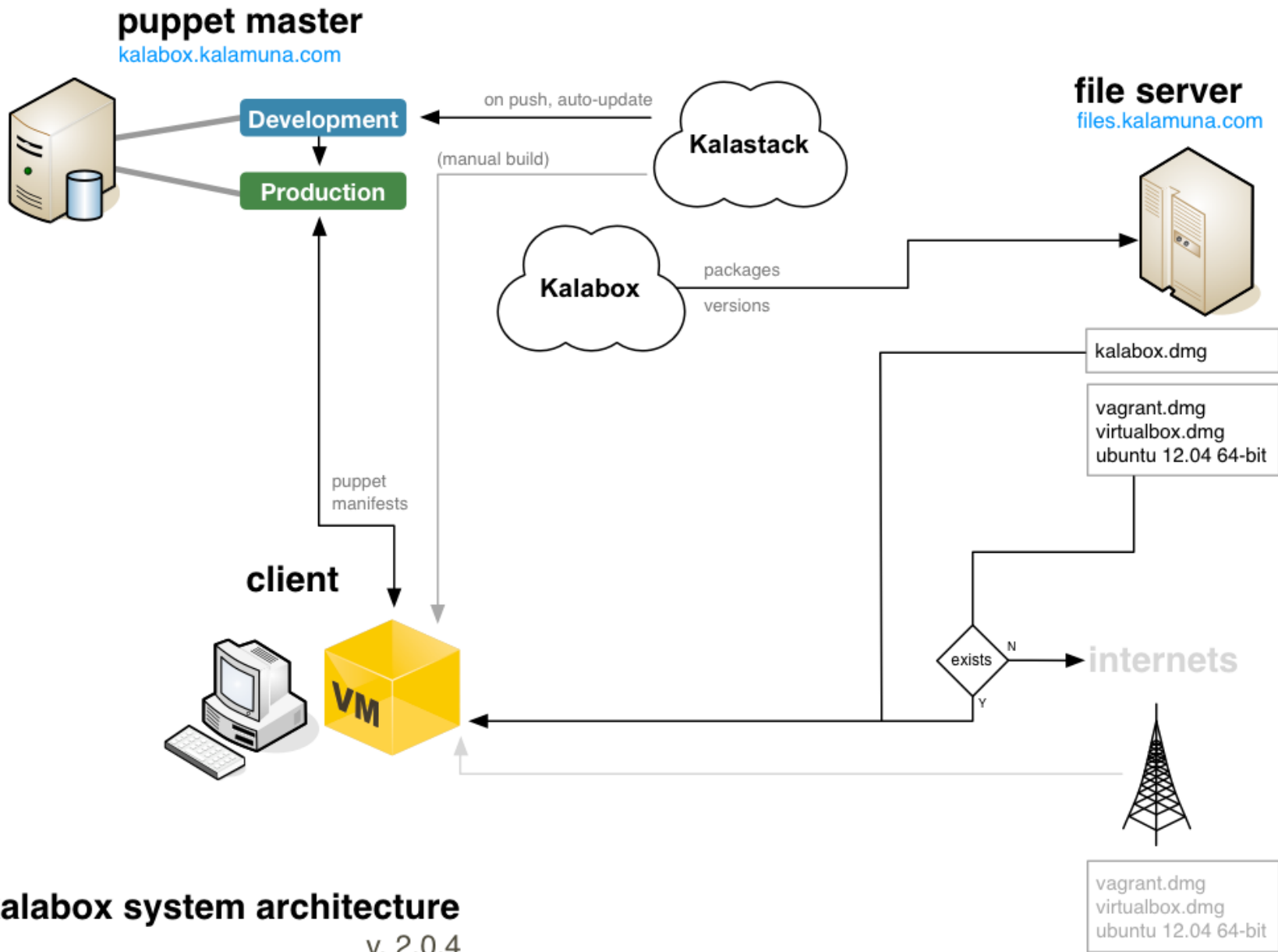
download vagrant

download base box

puppet master

kalastack

foreman



kalabox system architecture
v. 2.0.4

Kalabox



roadmap

use any stack
persist sites through rebuilds
build new sites
acquia integration
deploy your site
better/faster/stronger

drush demo...

Kalamuna on Kalabox + Pantheon Multidev: Ride the Hydra!



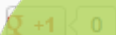
Josh Koenig



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Share

JULY 12, 2013

Pantheon partner **Kalamuna** — the most stylish Drupal outfit in the East Bay — have been doing really interesting work with their **Kalabox** project: a system for handling local development that's designed to take advantage of modern VM tools (Vagrant) and configuration management (Puppet).

This model offers a significant advantage over MAMP or other "stack in a box" tools that rely on your native OS. Unless you're booting Linux locally, the chances are high your production environment is built on a very different platform. That kind of fragmentation can be a killer, and hopefully soon it won't be a risk anyone has to take.

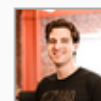
Co-Founder (and chief food taster) Alec Reynolds put up a really great blog today, imaginatively entitled **Ride the Hydra**, about the power of using Kalabox in conjunction with Pantheon's **Multidev** features:

Take the example of back-end code refactoring. This type of work is the dark matter of large, long-term projects: it takes up lots of time, it's largely invisible and hides on a developer's laptop until the time comes to integrate it with the main

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Q & A

thanks!

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