

# ✦ Proviso

a revolution in local development

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**KALAMUNA**

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A black circle containing the word "myplanet" in white lowercase letters.

myplanet



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# ★ why is local dev important?

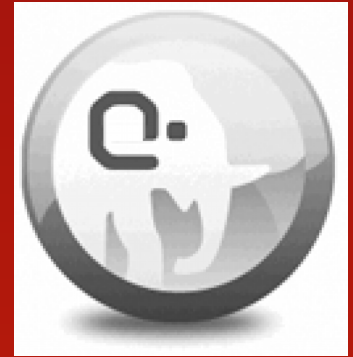
- **production parity**
- **your IDE / environment**
- **experiment (and fail) privately**
- **no internetz required**
- **SPEED**
- **full-stack access**

# ★ current local stack options



***BitNami***

Drupal Quickstart /  
DrupalPro



**megalodon**



**THEY SUCK**

**(sorry)**

**WHY?**

# Why things suck

**1** ● hard to upgrade



# Why things suck

## **2. not the real software**

# Why things suck

**3. everyone becomes a sysadmin**

# Why things suck

## **4● missing the good stuff**

**(nginx, solr, debugging, continuous integration)**

**WE WANT  
POWER**



[www.CALEBHYSTAD.com](http://www.CALEBHYSTAD.com)|2012



**SIDEBAR**

# ★ Pantheon Multidev?

## PANTHEON

### Release Summary

Pantheon launches Multidev, which cuts website management costs by letting teams instantly provision unlimited website development environments in the cloud resulting in sites launching faster.

### Pantheon

-  [Website](#)
-  [Blog](#)
-  [News Feed](#)



Email Print Return to Headlines

Madison & ...ents in the Cloud

BUDGETS EUROPE VIDEO

Introduce new mo

Now

7 Comments

Pantheon is launching a Multidev, which it says is a new form — the ability to “fork” every aspect of a web development project so that large teams can collaborate.

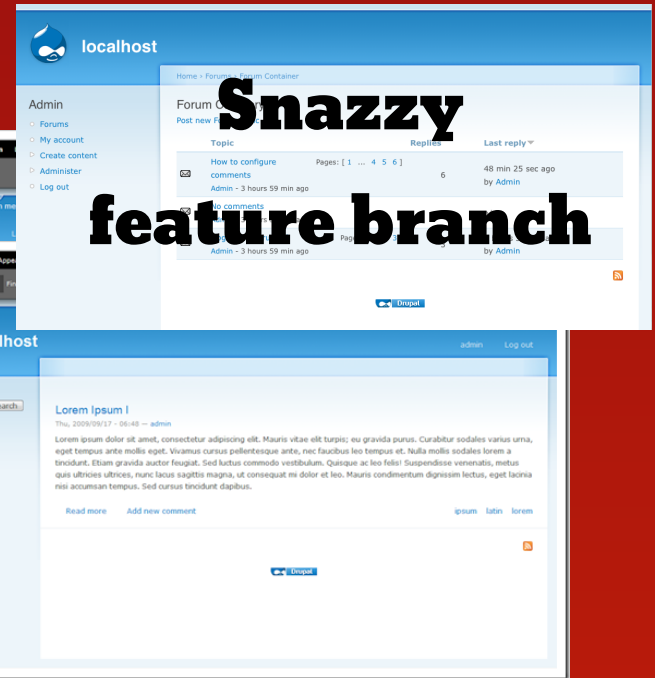
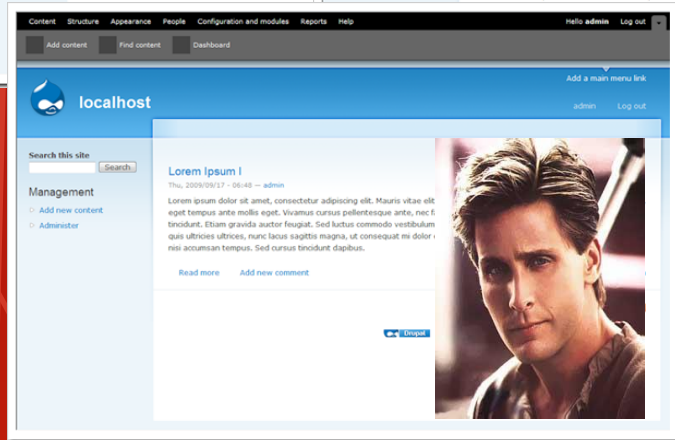
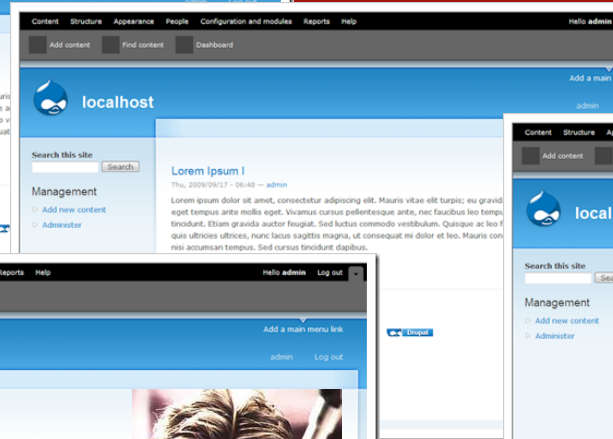
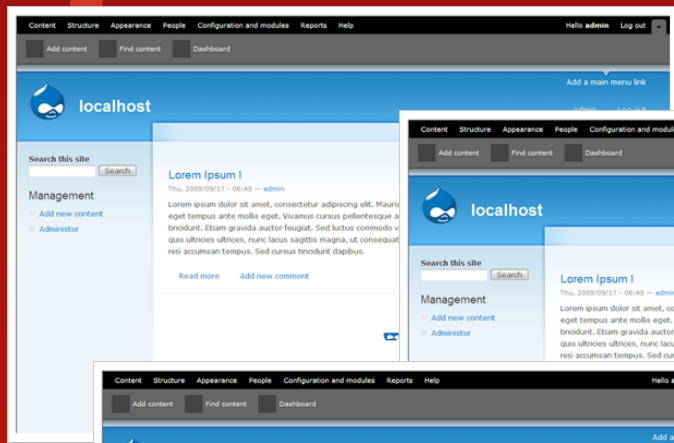
★ Pantheon Multidev

# **What is it?**

**cloud hosting with an unlimited  
number of environments!**



# Pantheon Multidev



**Emilio Estevez**

**Prod**

Pantheon Multidev

**Frankly, it's  
pretty awesome.**

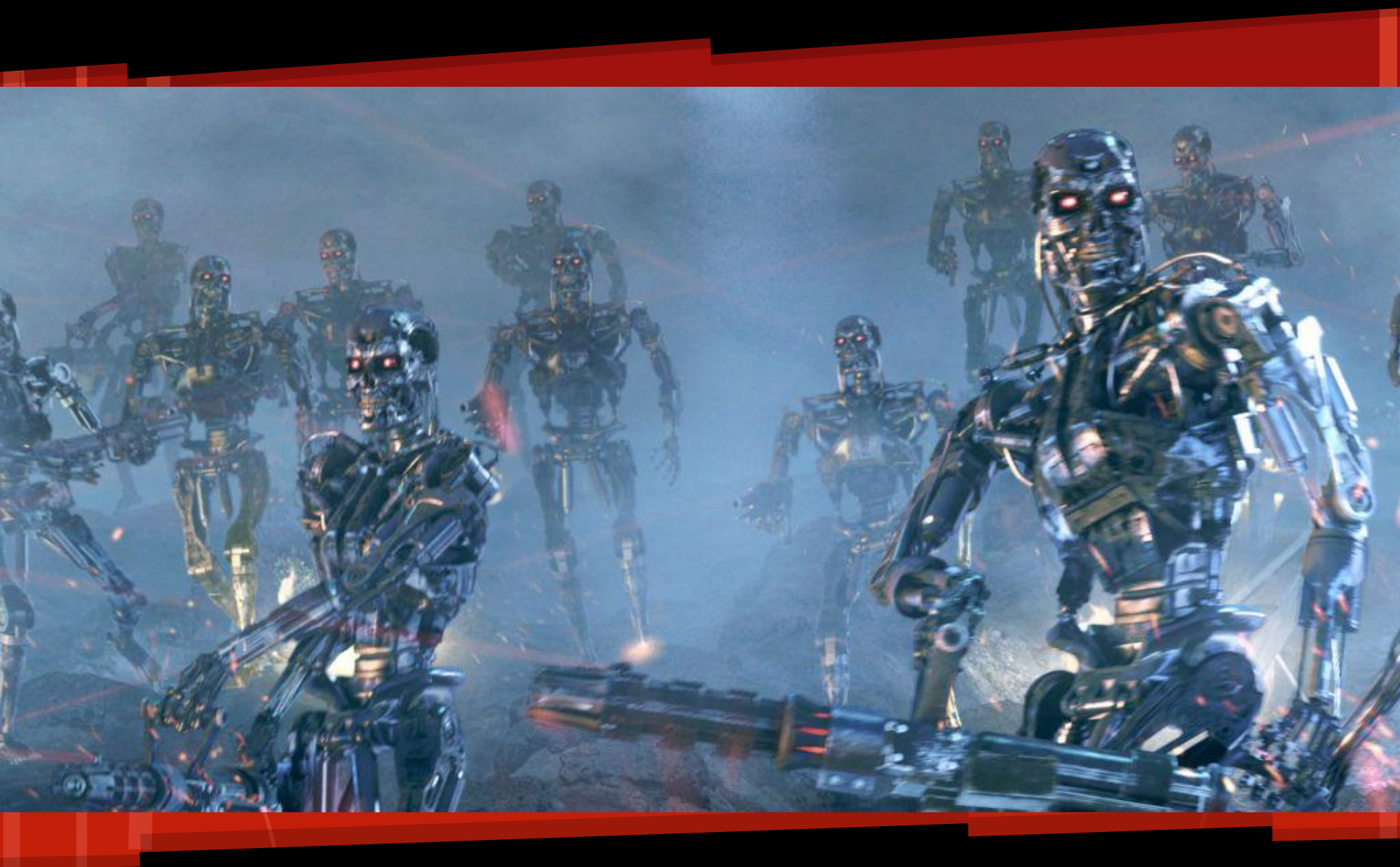
**BUT...**

**what if you *want*  
to be a sysadmin...**

**and all you get is SaaS**



**RISE UP,  
MACHINES!**

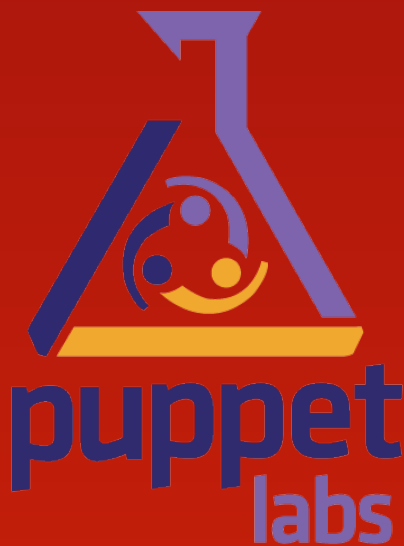


**WOAH,  
wrong machines...**





VAGRANT



**FAST**

**MODERN**

The image features the Linux logo, which is a red rectangle with a black border. The word "LINUX" is written in bold, black, uppercase letters in the center. The background is black with some faint, light red lines and shapes, including a large, irregular red shape on the left side and a smaller, curved red shape on the right side.

**LINUX**

**MANY BOXES**

**sure, but what is Proviso?**

# **1. FRAMEWORK**

**SDK+API to provision platform-independent local VMs for Drupal development.**

## **2. ACCESSIBLE**

**one-click installer control panel**



# **3. ECOSYSTEM**

**for boxes with upstream parity**

**But why?**

**Because we have too  
many different answers  
to the same question**

The image features a solid red background. A thick black horizontal bar is positioned at the very top. On the left side, there are several thin, white, slightly curved vertical lines. The word 'Kalabox' is centered in the middle of the red area in a bold, black, sans-serif font.

# Kalabox

**Oscar**

**Ariadne**

# **Drupal Vagrant**

**Proviso is an attempt at  
community-building on  
neutral ground.**



# **the Geneva Convention**



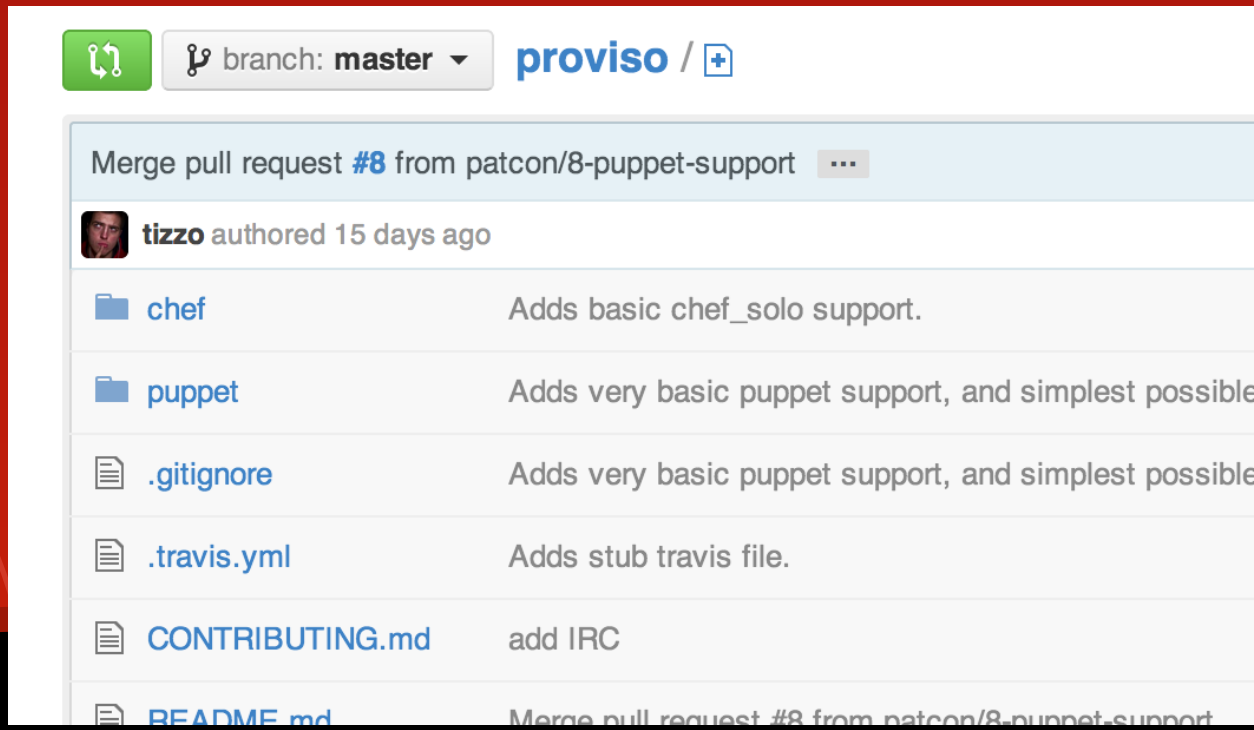
**of local development**

# **DESIGN GOALS**







**Multi-vendor  
approach to  
provisioners.**

# Chef vs Puppet

No need to diverge the conversation and project vision based on tooling.



The screenshot shows a GitHub pull request interface for the 'proviso' repository. At the top, there's a green icon with two arrows, a dropdown menu showing 'branch: master', and the repository name 'proviso' with a plus icon. Below this, a light blue header bar reads 'Merge pull request #8 from patcon/8-puppet-support'. The main content area shows the pull request details, including the author 'tizzio' and the time '15 days ago'. A list of files is displayed, each with an icon (folder or document) and a description of the changes.

File	Description
 <a href="#">chef</a>	Adds basic chef_solo support.
 <a href="#">puppet</a>	Adds very basic puppet support, and simplest possible
 <a href="#">.gitignore</a>	Adds very basic puppet support, and simplest possible
 <a href="#">.travis.yml</a>	Adds stub travis file.
 <a href="#">CONTRIBUTING.md</a>	add IRC
 <a href="#">README.md</a>	Merge pull request #8 from patcon/8-puppet-support

**Common set of  
infrastructure tests via  
test-kitchen & Travis CI**

```
95 -----> Testing <default-precise64>
96 -----> Testing <default-centos62-64>
97 -----> Testing <default-centos63-64>
98 -----> Testing <default-lucid64>
99 -----> Testing <default-centos64-64>
100 -----> Creating <default-precise64>
101 -----> Creating <default-centos62-64>
102 -----> Creating <default-centos63-64>
103 -----> Creating <default-lucid64>
104 -----> Creating <default-centos64-64>
105         EC2 instance <i-cd90a9a5> created.
106         EC2 instance <i-cf90a9a7> created.
107         EC2 instance <i-3cald05f> created.
108         EC2 instance <i-3eald05d> created.
109 .         EC2 instance <i-c990a9a1> created.
110 .....
111 ....      (server ready)
112 .....      (server ready)
```

**Test drive provisioners  
on various platforms  
(CentOS, Ubuntu, etc.)**

**Working closely with folks  
outside the Drupal community  
and exploring shared needs.**

**Abstracting  
customizations  
into modular  
Vagrant plugins.**



✦ find us

**[github.com/proviso](https://github.com/proviso)**

**IRC: #proviso**