# Drupal in Virtual Environments

(or whatever that means!)





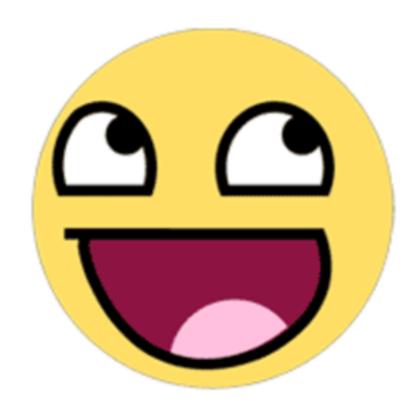
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Anyway...

Consistency

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  - Multiple locations, computers, and OS on an average dev team.

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# What are the options?



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Where do I even get started??



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  - Works with Virtualbox and VMware.

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Containers and a cool whale logo!

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All-in-one Solutions

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- PuPHPet (<u>https://puphpet.com</u>)
  - Uses Vagrant and the puppet provisioner.

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- Fabric (<u>http://docs.fabfile.org/en/latest</u>)
- Others I haven't heard of.

#### That seems like a lot of options...

How will I know which combination is right for my team?

Dedicated DevOps/IT team?

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- One man/woman show or a big team?

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- How much customization do you want/need?

#### Pitfalls



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- There will be things to install locally on each machine.
- Won't magically work on each computer without a little effort.
- Troubleshooting provisioners isn't simple without a little knowledge of the parts.
- Don't Hack It!
- Syncing can be a pain.

## Best Practices (Or how to get the most out of it)

- Start with an existing project
  - Like Vampd (<a href="https://github.com/vampd/vampd">https://github.com/vampd/vampd</a>/
  - or VLAD (https://github.com/hashbangcode/vlad)
- Go Slow
- If you don't like \_\_\_\_ language don't use a provisioner based on it.
- Mirror what matters from Prod
- Submodules!
- Research



#### Thanks!

Questions?

mike@ashday.com

#### Credit for things I found:

- pitfall image (<a href="http://upload.wikimedia.org/wikipedia/en/5/54/2600\_Pitfall.png">http://upload.wikimedia.org/wikipedia/en/5/54/2600\_Pitfall.png</a>)
- vagrant logo (<a href="http://vagrantup.com">http://vagrantup.com</a>)
- docker logo (<a href="http://docker.com">http://docker.com</a>)
- matrix image (<a href="http://www.consciousconsumernetwork.tv/">http://www.consciousconsumernetwork.tv/</a>)
- awesome face (<u>http://knowyourmeme.com/memes/awesome-face-epic-smiley</u>)