



Bullets (not slides) from my Vagrant + Drupal at Drupalcamp NJ 2013

Vagrant-drupalcampNJ-session.md <> [//dergachev/4698240/raw/d2b3352b0de8ea7071250e60532c88578ccc836a/Vagrant-drupalcampNJ-session.md](#)

## Vagrant tutorial

- Slideshow structure
  - About me - Alex Dergachev, co-founder @evolvingweb (follow me gh/twitter: @dergachev)
  - The problem
  - The solution - Chef & Virtualbox & Vagrant
  - Benefits
    - repo + sql dump + cookbooks + ubuntu ISO = Drupal stack
    - prod vs dev consistency
    - sysadmin code reuse
    - like packages but configurable
    - write your own!
    - version control for sysadmins
    - code is the best documentation
    - turn it off and on again
  - Nice Virtualbox Features
    - folder sharing
    - snapshots
    - networking
  - What vagrant is
  - Installing (virtualbox, vagrantup.com)
  - Vagrantfile
    - `config.vm.forward_port 80, 4567`
    - `config.vm.box = "precise64"`
    - `config.vm.share_folder "foo", "/guest/path", "/host/path", :nfs => true`
    - `config.vm.network :hostonly, "10.11.12.13" config.vm.network :bridged`
    - `config.vm.customize ["modifyvm", :id, "--memory", 1024]`
    - `config.vm.provision :shell, :inline => "echo foo > /vagrant/test"`
    - support for multiple VMs
  - Base boxes
  - Docs
  - Workflow
    - `vagrant box add precise64 http://files.vagrantup.com/precise64.box (http://files.vagrantup.com/precise64.box)`  
"<http://www.vagrantbox.es/> (<http://www.vagrantbox.es/>) - but do you trust them? base boxes"
    - `vagrant init`
    - `vagrant up "--no provision"`
    - `vagrant reload`
    - `vagrant provision`
    - `vagrant destroy --force && vagrant up`
    - `vagrant ssh "vagrant ssh -p -- -l alex"`
    - `ls /vagrant "inside the VM"`
    - `vagrant package`
    - `vagrant snap`
  - Provisioning
  - Shell
    - `config.vm.provision :shell, :inline => "echo \"Europe/London\" | sudo tee /etc/timezone && dpkg-reconfigure --frontend noninteractive tzdata"`

- Chef-solo
  - Client vs server
  - examples from [http://docs.vagrantup.com/v1/docs/provisioners/chef\\_solo.html](http://docs.vagrantup.com/v1/docs/provisioners/chef_solo.html) ([http://docs.vagrantup.com/v1/docs/provisioners/chef\\_solo.html](http://docs.vagrantup.com/v1/docs/provisioners/chef_solo.html)) " config.vm.provision :chef\_solo do |chef chef.cookbooks\_path = ["cookbooks", "~/company/cookbooks"] chef.add\_recipe("apache") chef.add\_recipe("php") chef.json = { :load\_limit => 42, :chunky\_bacon => true } end"
  - [http://fnichol.github.com/iterative\\_chef/](http://fnichol.github.com/iterative_chef/) ([http://fnichol.github.com/iterative\\_chef/](http://fnichol.github.com/iterative_chef/))
- Chef tutorial
- <http://wiki.opscode.com/display/chef/Chef+Basics> (<http://wiki.opscode.com/display/chef/Chef+Basics>)
- [http://docs.opscode.com/essentials\\_cookbooks.html](http://docs.opscode.com/essentials_cookbooks.html) ([http://docs.opscode.com/essentials\\_cookbooks.html](http://docs.opscode.com/essentials_cookbooks.html))

## - cookbook file structure

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- <https://github.com/opscode-cookbooks> (<https://github.com/opscode-cookbooks>) "officially supported cookbooks"
- Drupal-chef
- <https://github.com/msonnabaum/chef-drush> (<https://github.com/msonnabaum/chef-drush>)
- [https://github.com/dergachev/vagrant\\_drupal](https://github.com/dergachev/vagrant_drupal) ([https://github.com/dergachev/vagrant\\_drupal](https://github.com/dergachev/vagrant_drupal))
- other cookbooks
  - <https://github.com/xforty/chef-drupal> (<https://github.com/xforty/chef-drupal>)
  - <https://github.com/myplanetdigital/vagrant-ariadne> (<https://github.com/myplanetdigital/vagrant-ariadne>)
- Testing
- TravisCI,
  - [https://github.com/learnchef/deploy\\_drupal/tree/master/cookbooks/drupal](https://github.com/learnchef/deploy_drupal/tree/master/cookbooks/drupal) ([https://github.com/learnchef/deploy\\_drupal/tree/master/cookbooks/drupal](https://github.com/learnchef/deploy_drupal/tree/master/cookbooks/drupal))
- <https://github.com/calavera/minitest-chef-handler> (<https://github.com/calavera/minitest-chef-handler>)
- See also
- cookbook tools
  - <https://github.com/applicationsonline/librarian> (<https://github.com/applicationsonline/librarian>)
  - <http://berkshelf.com/> (<http://berkshelf.com/>) "<http://vialstudios.com/guide-authoring-cookbooks.html> (<http://vialstudios.com/guide-authoring-cookbooks.html>)"
- chef server, opscode
- vagrant extensions
  - <https://github.com/jedi4ever/veewee> (<https://github.com/jedi4ever/veewee>)
  - <https://github.com/t9md/vagrant-snap> (<https://github.com/t9md/vagrant-snap>)
- other chef/vagrant tutorials
  - <http://vialstudios.com/guide-authoring-cookbooks.html> (<http://vialstudios.com/guide-authoring-cookbooks.html>)
- my other stuff
  - <https://gist.github.com/3866825#vagrant-tutorial> (<https://gist.github.com/3866825#vagrant-tutorial>)
  - [https://github.com/dergachev/chef\\_homesick\\_agent#readme](https://github.com/dergachev/chef_homesick_agent#readme) ([https://github.com/dergachev/chef\\_homesick\\_agent#readme](https://github.com/dergachev/chef_homesick_agent#readme))
- More about vagrant
  - <https://github.com/mitchellh/vagrant> (<https://github.com/mitchellh/vagrant>)
  - <http://docs.vagrantup.com/v1/docs/index.html> (<http://docs.vagrantup.com/v1/docs/index.html>)
  - #vagrant on irc
- More about chef
  - <http://wiki.opscode.com/display/chef> (<http://wiki.opscode.com/display/chef>) "read all of it"
  - <http://docs.opscode.com/> (<http://docs.opscode.com/>)
  - #ChefConf 2013 " April 24-26 in SFO"
- My notes
- console2 for powershell

Gist with notes from the BoF this afternoon: <https://gist.github.com/4699228> (<https://gist.github.com/4699228>)

⚠ Please [sign in \(/login?return\\_to=dergachev/4698240\)](https://github.com/dergachev/4698240) to comment on this gist.