

Chocolatey Hands On Lab

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presented by  puppet
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Who am I?

- Developer at Puppet Labs / started July 1
- Creator of Chocolatey
- DevOps interest for 2+ yrs or 7+ yrs
- Long time .NET Dev
- Learning Ruby
- Also still learning Puppet



What is Chocolatey?



- Package manager for Windows
- PowerShell
- Package provider for Puppet on Windows



Hope to Accomplish?

- Understand how to install chocolatey / puppet provider
- General usage of provider
- How to create packages
- How to update packages

Provider Usage

Anatomy of a provider

```
package { 'name_of_package':  
  provider => 'chocolatey',  
  ensure => absent, latest, '1.0',  
  source => 'http://not/default/sources;c:\local;\\some\network\share',  
  install_options => '-installArgs "addtl args for native installer"',  
}
```

Where is teh codez?

- Releasing updates to forge soon
- <http://github.com/ferrentcoder/puppet-chocolatey> (all_the_things branch)

```
package {'git.install':  
  ensure => latest,  
  provider => 'chocolatey',  
  source => 'c:\vagrant\resources\packages',  
}  
  
package {'poshgit':  
  ensure => latest,  
  provider => 'chocolatey',  
  source => 'c:\vagrant\resources\packages',  
}
```

Let's get setup

Windows Box

- Is For evaluation purposes. Does not contain a license file
- e5185f7c89a3dac301d46ce522d348d1 md5 checksum

On your USB Stick

- zleslie -> Vagrant
 - Install this version of vagrant
- rob folder (copy somewhere local)
- <http://tinyurl.com/winvagrantgem>
- vagrant plugin install rob/win2008r2x64-vagrant/resources/vagrant-windows-1.2.0.gem

On your USB Stick (cont...)

- local rob folder
- rename win2008r2-x64-vbox4216-nocm.tar.gz file to win2008r2-x64-vbox4216-nocm.box
- vagrant box add win2008r2x64
win2008r2-x64-vbox4216-nocm.box

- vagrant up
- wait for it...
- puppet -> manifests -> site.pp
- Add posh-git
- package { 'roundhouse':
 ensure => latest,
 source => 'c:\vagrant\resources\packages',
 provider => 'chocolatey',
}

Install others

- set up provider for putty package
- install warmup
- remove roundhouse

Create a package

- On windows box -> start -> run -> cmd
- cd \
- mkdir temp
- cd temp
- warmup chocolatey mypkg
- cd mypkg
- explorer .

Package continued

- Right click on mypkg.nuspec -> Open with Notepad++
- Look around
- Head into tools folder and open chocolateyInstall.ps1 also in notepad++
- copy warmup.exe from c:\chocolatey\warmup* folder into this tools folder and rename it to warmup2.exe

Package (cont...even more)

- go back to command line
- cpack

Install pkg with Provider

- Copy mypkg.1.0.0.nupkg to c:\vagrant\resources\packages folder
- Add your package to the site.pp file
- vagrant provision