## Chocolatey Hands On Lab

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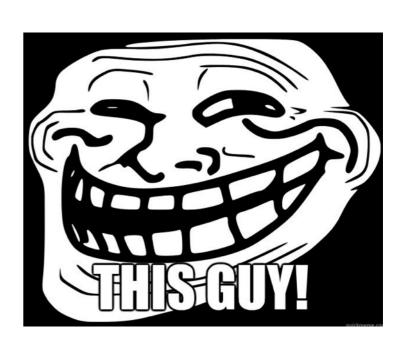
http://ferventcoder.com





#### 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

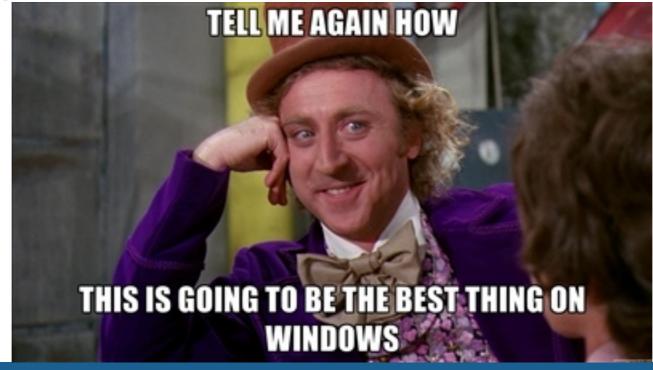




### What is Chocolatey?



- 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



#### Where is teh codez?

- Releasing updates to forge soon
- http://github.com/ferventcoder/puppetchocolatey (all\_the\_things branch)



# 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/win2008r2x64vagrant/resources/vagrantwindows-1.2.0.gem



# On your USB Stick (cont...)

- local rob folder
  - rename win2008r2-x64-vbox4216nocm.tar.gz file to win2008r2-x64vbox4216-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

