vim /etc/puppetlabs/code/environments/production/manifests/site.pp

Creating a role pasture

How variables work in puppet module

vim pasture/manifests/init.pp

we are pushing values to pasture\_config.yaml.epp from init.pp, by pasture\_config\_hash.

class pasture (

$port = '80',

$default\_character = 'sheep',

$default\_message = '',

$pasture\_config\_file = '/etc/pasture\_config.yaml',

$sinatra\_server = 'webrick',

){

$pasture\_config\_hash = {

'port' => $port,

'default\_character' => $default\_character,

'default\_message' => $default\_message,

'sinatra\_server' => $sinatra\_server,

}

vim pasture/templates/pasture\_config.yaml.epp

<%- | $port,

$default\_character,

$default\_message,

$sinatra\_server,

| -%>

# This file is managed by Puppet. Please do not make manual changes.

---

:default\_character: <%= $default\_character %>

:default\_message: <%= $default\_message %>

:sinatra\_settings:

:port: <%= $port %>

:server: <%= $sinatra\_server %>

How we call these variables in manifest

vim pasture/manifests/init.pp

class pasture (

$port = '80',

$default\_character = 'sheep',

$default\_message = '',

$pasture\_config\_file = '/etc/pasture\_config.yaml',

$sinatra\_server = 'webrick',

){

package { 'pasture':

ensure => present,

provider => 'gem',

before => File[$pasture\_config\_file],

}

$pasture\_config\_hash = {

'port' => $port,

'default\_character' => $default\_character,

'default\_message' => $default\_message,

'sinatra\_server' => $sinatra\_server,

}

file { $pasture\_config\_file:

content => epp('pasture/pasture\_config.yaml.epp', $pasture\_config\_hash),

notify => Service['pasture'],

}

$pasture\_service\_hash = {

'pasture\_config\_file' => $pasture\_config\_file,

}

file { '/etc/systemd/system/pasture.service':

content => epp('pasture/pasture.service.epp', $pasture\_service\_hash),

notify => Service['pasture'],

}

service { 'pasture':

ensure => running,

}

if ($sinatra\_server == 'thin') or ($sinatra\_server == 'mongrel') {

package { $sinatra\_server:

provider => 'gem',

notify => Service['pasture'],

}

}

}