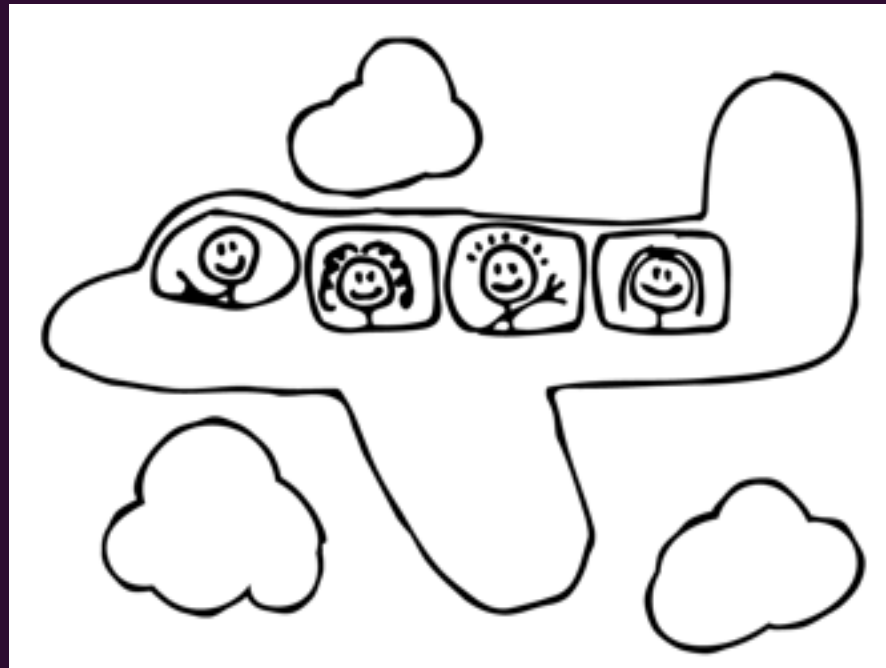




About Me



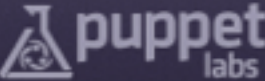
Tuesday, February 26, 13

Ryan was a RedHat sysadmin for Penn State before joining Puppet Labs as a professional services engineer. Now is product owner for the Forge.

Puppet Forge

forge.puppetlabs.com

Puppet Labs : Open Source Projects Support Docs Bugs

 **forge**

879 modules 333,711 downloads
Since February 2012

Welcome to the **Puppet Forge**. Puppet Forge is a repository of modules written by our community for **Puppet Open Source** and **Puppet Enterprise** IT automation software.

Featured Module

puppetlabs/vcenter – Install and manage vCenter with Puppet. VMware vCenter is a software application that provides central management of vSphere environments. It's an essential component for managing large numbers of VMware virtual machines and the fleet of ESX systems supporting those hosts. The vCenter Puppet module will build and install this for you.

[Read more on the Puppet Labs blog...](#)

Recent Releases

1. **yguenane/jpackage** v0.1.0
2. **tomitakussaari/snmp_tasks_rhel** v1.0.1
3. **rendhalver/monitoring** v1.0.4
4. **rendhalver/nrpe** v1.0.2
5. **evenup/mcollective** v1.1.4
6. **evenup/facter** v1.0.4
7. **evenup/backups** v0.10.5

Frequent Contributors

1. **Puppet Labs**
2. **Dennis Hoppe**
3. **Steffen Zieger**
4. **Garrett Honeycutt**
5. **Keith Burdis**
6. **Matthias Saou**
7. **Adrien Thebo**

Log In

Sign Up

Publish a Module

Find Modules

eg. apache, my

All modules

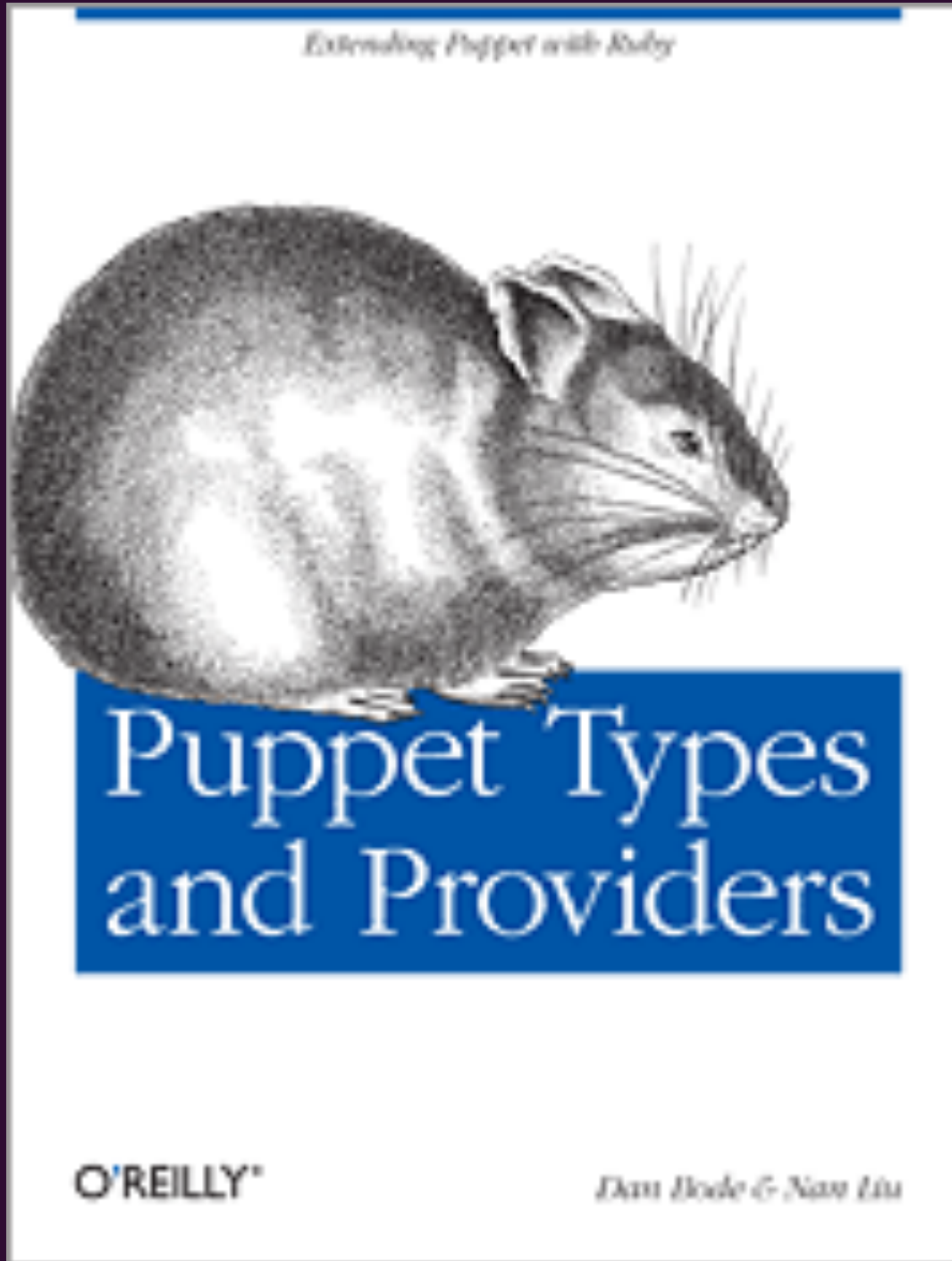
Popular Tags

- ubuntu** (161 modules)
- debian** (134 modules)
- CentOS** (96 modules)
- rhel** (94 modules)
- monitoring** (62 modules)
- networking** (55 modules)
- security** (50 modules)
- applications** (48 modules)



Tuesday, February 26, 13

The Puppet Forge is a community driven web service for contributing and finding Puppet modules.




Browser window showing the Puppet Forge page for the `cprice404/inifile` module.

Navigation: Puppet Labs : Open Source Projects Support Docs Bugs

Stats: 879 modules 333,721 downloads (Since February 2012)

cprice404/inifile



Author: [cprice404](#)
Links: [Project URL](#)
Tags: [ini](#), [settings](#), [files](#)

Latest release: **0.9.0**
Release date: Nov 2, 2012
Total downloads: 6,619

Other releases:

How to Install

Run this code on your puppet node using the Puppet Module Tool:

```
puppet module install cprice404/inifile
```

The Puppet Module Tool is available in Puppet 2.7.14+ and Puppet Enterprise 2.5+ [Read about installing modules](#)

Or: [Download as a .tar.gz](#)

[README](#) [Changelog](#) [Types](#)

INI-file module

This module provides resource types for use in managing INI-style configuration files. The

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All modules

Popular Tags

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- [debian](#) (134 modules)
- [CentOS](#) (96 modules)
- [rhel](#) (94 modules)
- [monitoring](#) (62 modules)
- [networking](#) (55 modules)
- [security](#) (50 modules)
- [applications](#) (48 modules)



 inifile.pp

Puppet



```
1  ini_setting { 'enable plugin sync':  
2    ensure => present,  
3    path   => '/etc/puppet/puppet.conf',  
4    section => 'agent',  
5    setting => 'pluginsync',  
6    value  => 'true',  
7  }
```



puppet
labs

forge



jhaals/warranty · Puppet Forge

forge.puppetlabs.com/jhaals/warranty

Reader

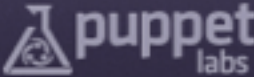
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Bugs

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forge

884 modules

337,840 downloads

Since February 2012

jhaals/warranty



Author: Johan Haals

Links: [Project URL](#)

Tags: [lenovo](#), [dell](#), [warranty](#), [linux](#), [mac](#), [windows](#)

Latest release: 0.0.4

Release date: Sep 20, 2012

Total downloads: 168

Other releases:

How to Install

Run this code on your puppet node using the Puppet Module Tool:

```
puppet module install jhaals/warranty
```

The Puppet Module Tool is available in Puppet 2.7.14+ and Puppet Enterprise 2.5+ [Read about installing modules](#)

Or: [Download as a .tar.gz](#)

README

Warranty

This module provides additional warranty facts.

Supported Manufacturers

- Machintosh
- Dell
- Lenovo

Please contribute with for more manufacturers.

Facts

```
warranty => true
warranty_expiration => April 4, 2013
machine_type => MacBook Air (11-inch, Mid 2011)
```

Log In

Sign Up

Publish a Module

Find Modules

Find

All modules

Popular Tags

- [ubuntu](#) (161 modules)
- [debian](#) (135 modules)
- [CentOS](#) (98 modules)
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- [security](#) (51 modules)
- [applications](#) (48 modules)
- [report](#) (36 modules)
- [puppet](#) (36 modules)

e

Tuesday, February 26, 13

maestrodev/wget Puppet Forge

forge.puppetlabs.com/maestrodev/wget

Reader

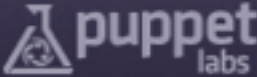
Puppet Labs

Open Source Projects

Support

Docs

Bugs

 puppet labs


forge

884 modules

337,841 downloads

Since February 2012

maestrodev/wget



Author: [MaestroDev](#)

Links: [Project URL](#) | [Report issues](#)

Tags: [download](#), [wget](#)

Latest release: [1.1.0](#)

Release date: Jan 24, 2013

Total downloads: 2,844

Other releases:

1.1.0

How to Install

Run this code on your puppet node using the Puppet Module Tool:

```
puppet module install maestrodev/wget
```

The Puppet Module Tool is available in Puppet 2.7.14+ and Puppet Enterprise 2.5+ [Read about installing modules](#)

Or: [Download as a .tar.gz](#)

README

A Puppet module to download files with wget, supporting authentication.

Example

```
include wget

wget::fetch { "download":
  source      => "http://www.google.com/index.html",
  destination => "/tmp/index.html",
  timeout     => 0,
  verbose     => false,
}

wget::authfetch { "download":
  source      => "http://www.google.com/index.html",
  destination => "/tmp/index.html",
  user        => "user",
  password    => "password",
  timeout     => 0,
  verbose     => false,
}
```

[Log In](#)

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[Publish a Module](#)

Find Modules

eg. apache, my

Find

[All modules](#)

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[security](#) (51 modules)

[applications](#) (48 modules)

[report](#) (36 modules)

[puppet](#) (36 modules)



e

simondean/iis



Author: [Simon Dean](#)

Links: [Project URL](#) | [Report issues](#)

Tags: [appcmd](#), [dotnet](#), [aspnet](#), [iis](#), [windows](#), [webserver](#)

Latest release: **0.1.3**

Release date: Oct 6, 2012

Total downloads: 426

Other releases:

How to Install

Run this code on your puppet node using the Puppet Module Tool:

```
puppet module install simondean/iis
```

The Puppet Module Tool is available in Puppet 2.7.14+ and Puppet Enterprise 2.5+ [Read about installing modules](#)

Or: [Download as a .tar.gz](#)

Types

Open issues (3)

iis_apppool

Description

IIS App Pool

Parameters

name

App pool name

Properties

ensure

The basic property that the resource should be in. Valid values are `present`, `absent`.

queueLength

[Log In](#)

[Sign Up](#)

[Publish a Module](#)

Find Modules

eg. apache, my

Find

[All modules](#)

Popular Tags

[ubuntu](#) (161 modules)

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[CentOS](#) (98 modules)

[rhel](#) (94 modules)

[monitoring](#) (62 modules)

[networking](#) (55 modules)

[security](#) (51 modules)

[applications](#) (48 modules)

[report](#) (36 modules)

[puppet](#) (36 modules)



rcoleman/puppet_module



Author: [Ryan Coleman](#)
Links: [Project URL](#) | [Report issues](#)
Tags: [module](#), [provider](#), [forge](#)

Latest release: **0.0.3**
Release date: Jan 11, 2013
Total downloads: 62

Other releases:

How to Install

Run this code on your puppet node using the Puppet Module Tool:

```
puppet module install rcoleman/puppet_module
```

The Puppet Module Tool is available in Puppet 2.7.14+ and Puppet Enterprise 2.5+ [Read about installing modules](#)

Or: [Download as a .tar.gz](#)

README

Types

Open issues (0)

module

Description

Parameters

name

version

modulepath

source

Properties

ensure

[Log In](#)

[Sign Up](#)

[Publish a Module](#)

Find Modules

eg. apache, my

Find

[All modules](#)

Popular Tags

[ubuntu](#) (161 modules)

[debian](#) (135 modules)

[CentOS](#) (98 modules)

[rhel](#) (94 modules)

[monitoring](#) (62 modules)

[networking](#) (55 modules)

[security](#) (51 modules)

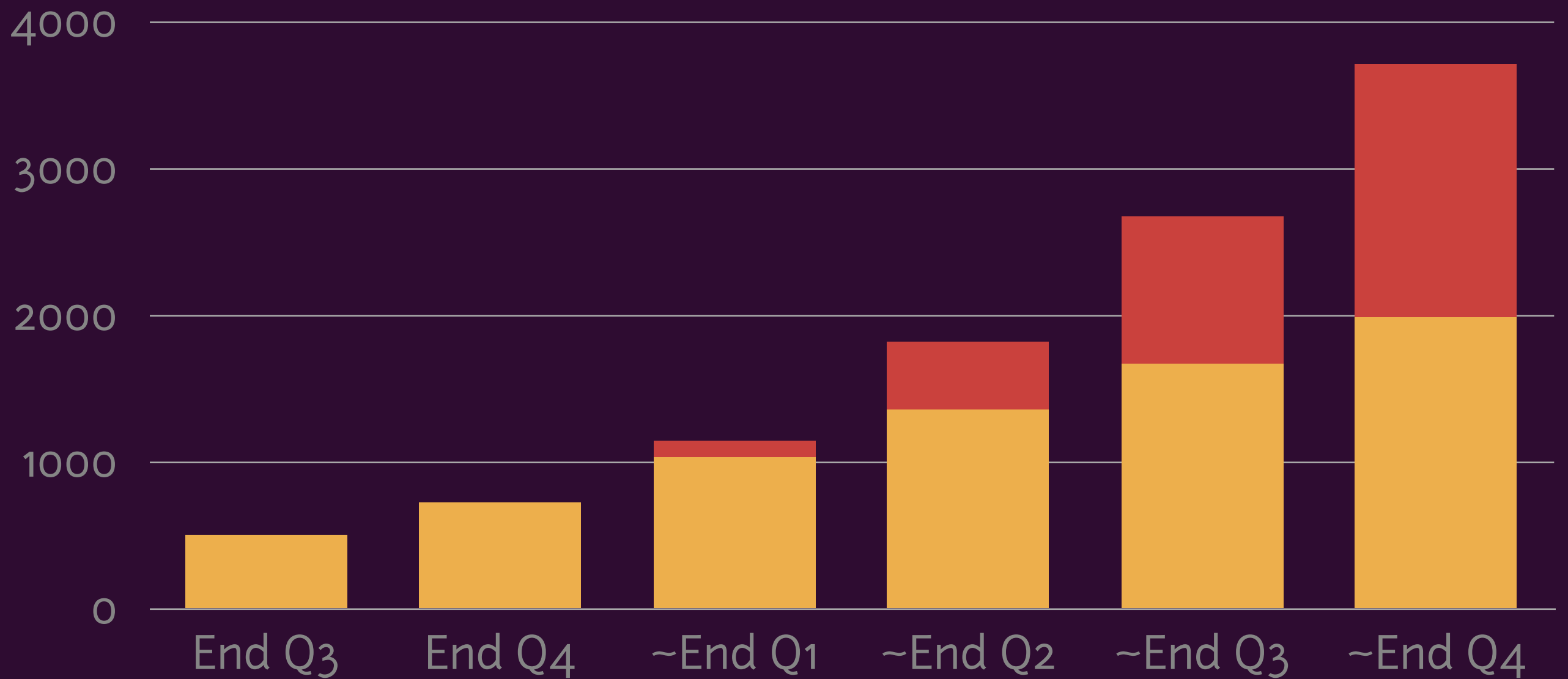
[applications](#) (48 modules)

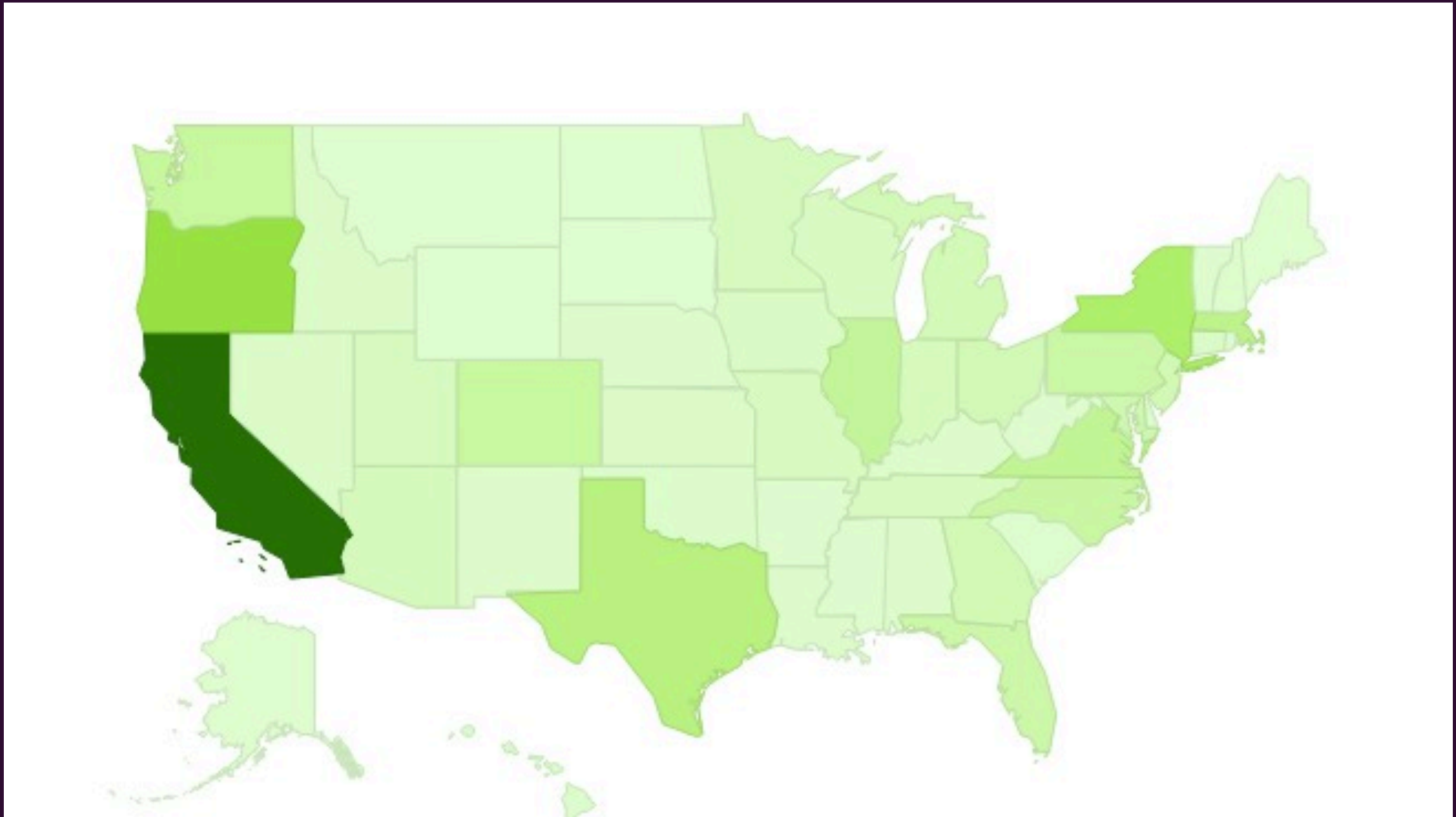
[report](#) (36 modules)

[puppet](#) (36 modules)



Forge Module Count





install

Install a module from the Forge or a release archive.

```
# puppet module install puppetlabs-apache --version 0.0.2
```

list

List installed modules.

```
# puppet module list
```

search

Search the Forge for a module.

```
# puppet module search apache
```

uninstall

Uninstall a puppet module.

```
# puppet module uninstall puppetlabs-apache
```

upgrade

Upgrade a puppet module.

```
# puppet module upgrade puppetlabs-apache --version 0.0.3
```




forge



forge.puppetlabs.com/puppetlabs/puppetdb

882 modules 334,254 downloads
Since February 2012

puppetlabs/puppetdb



Author: [Puppet Labs](#)

Links: [Project URL](#) | [Report issues](#)

Tags: [storeconfig](#), [puppetdb](#), [puppet](#)

Latest release: **1.1.4**

Release date: Jan 17, 2013

Total downloads: 5,154

Other releases:

How to Install

Run this code on your puppet node using the Puppet Module Tool:

```
puppet module install puppetlabs/puppetdb
```

The Puppet Module Tool is available in Puppet 2.7.14+ and Puppet Enterprise 2.5+ [Read about installing modules](#)

Or: [Download as a .tar.gz](#)

README

Changelog

Dependencies

Types

Open issues (8)

- [cprice404/inifile](#) ($\geq 0.9.0$)
- [puppetlabs/postgresql](#) (2.x)
- [puppetlabs/firewall](#) ($\geq 0.0.4$)

Log In

Sign Up


Publish a Module

Find Modules

All modules

Popular Tags

- [ubuntu](#) (161 modules)
- [debian](#) (134 modules)
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- [rhel](#) (94 modules)
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- [networking](#) (55 modules)
- [security](#) (50 modules)
- [applications](#) (48 modules)
- [report](#) (36 modules)

 puppetlabs | forge

Tuesday, February 26, 13

```
2. ryan@ryan: ~ (zsh)
➔ ~ puppet module install puppetlabs/puppetdb
Preparing to install into /tmp ...
Downloading from http://forge.puppetlabs.com ...
Installing -- do not interrupt ...
/tmp
└─ puppetlabs-puppetdb (v1.1.4)
  └─ cprice404-inifile (v0.9.0)
  └─ puppetlabs-firewall (v0.0.4)
  └─ puppetlabs-postgresql (v2.1.0)
    └─ puppetlabs-apt (v1.1.0)
    └─ puppetlabs-stdlib (v3.2.0)
    └─ ripienaar-concat (v0.2.0)
➔ ~
```



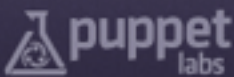
Best Good Practices



Style Guide — Documentation — Puppet Labs

docs.puppetlabs.com/guides/style_guide.html

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Style Guide

Style Guide Metadata

Version 1.1.2

1. Terminology

The key words "MUST", "MUST NOT", "REQUIRED", "SHALL", "SHALL NOT", "SHOULD", "SHOULD NOT", "RECOMMENDED", "MAY", and "OPTIONAL" in this document are to be interpreted as described in [RFC 2119](#).

2. Puppet Version

This style guide is largely specific to Puppet versions 2.6.x; some of its recommendations are based on some language features that became available in version 2.6.0 and later.


3. Why a Style Guide?

Puppet Labs develops modules for customers and the community, and these modules should represent the best known practice for module design and style. Since these modules are developed by many people across the organisation, a central reference was needed to ensure a consistent pattern, design, and style.


Contents

1. Terminology
2. Puppet Version
3. Why a Style Guide?
4. General Philosophies
5. Module Metadata
 - 5.1. Style Versioning
6. Spacing, Indentation, & Whitespace
7. Comments
8. Quoting
9. Resources
 - 9.1. Resource Names
 - 9.2. Arrow Alignment
 - 9.3. Attribute Ordering
 - 9.4. Compression
 - 9.5. Symbolic Links
 - 9.6. File Modes
 - 9.7. Resource Defaults
10. Conditionals
 - 10.1. Keep Resource Declarations Simple
 - 10.2. Defaults for Case Statements and Selectors
11. Classes
 - 11.1. Separate Files

PL Style Guide



forge



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9.1. Resource Names

All resource titles should be quoted. (Puppet supports unquoted resource titles if they do not contain spaces or hyphens, but you should avoid them in the interest of consistent look-and-feel.)

Good:

```
package { 'openssh': ensure => present }
```

Bad:

```
package { openssh: ensure => present }
```



9.2. Arrow Alignment

All of the fat comma arrows (`=>`) in a resource's attribute/value list should be aligned. The arrows should be placed one space ahead of the longest attribute name.

Good:

```
exec { 'blah':  
  path => '/usr/bin',  
  cwd  => '/tmp',  
}  
  
exec { 'test':  
  subscribe => File['/etc/test'],  
  refreshonly => true,  
}
```

Bad:

```
exec { 'blah':  
  path  => '/usr/bin',  
  cwd   => '/tmp',  
}  
  
exec { 'test':  
  subscribe => File['/etc/test'],  
  refreshonly => true,  
}
```



forge



11.1. Separate Files

All classes and resource type definitions must be in separate files in the `manifests` directory of their module. For example:

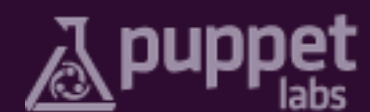
```
# /etc/puppetlabs/puppet/modules/apache/manifests

# init.pp
class apache { }

# ssl.pp
class apache::ssl { }

# virtual_host.pp
define apache::virtual_host () { }
```

This is functionally identical to declaring all classes and defines in `init.pp`, but highlights the structure of the module and makes everything more legible.



forge



puppet-lint

Download Gem

View On GitHub

Home

Checks

Changelog

Issues

This project is maintained by [rodjek](#)

Check that your Puppet manifest conform to the style guide

Install It!

```
$ gem install puppet-lint
```

Run It!

```
$ puppet-lint --with-filename /etc/puppet/modules
foo/manifests/bar.pp: trailing whitespace found on line 1
apache/manifests/server.pp: variable not enclosed in {} on line 56
...
```

Fix Them!

Head on over to the [checks page](#) to see a description of each check and get some help on how to clear those errors.

Hosted on [GitHub Pages](#)
using the Dinky theme



forge



Code VS Data



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As you get further along with your Puppet Deployments, separating your code (puppet resources) from the data (what package, what version) becomes increasingly important.

<>

forge.pp

Puppet

<>

1

class forge {

2

3

package { 'nginx':

4

ensure => '1.0.1',

5

}

6

7

}



forge.pp

Puppet

```
1 class forge {
2
3   package { 'nginx':
4     ensure => '1.0.1',
5   }
6
7 }
```

forge.pp

Puppet

```
1 class forge {
2
3   package { $package_name:
4     ensure => $package_version,
5   }
6
7 }
```



Hiera 1: Overview — Documentation — Puppet Labs

docs.puppetlabs.com/hiera/1/ Reader

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Docs: Hiera 1: Overview

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Hiera 1

- ◆ Overview
- ◆ Complete Example
- ◆ Installation
- ◆ Configuration and hiera.yaml
- ◆ Hierarchies
- ◆ Writing Data Sources
- ◆ Variables and Interpolation
- ◆ Usage with Puppet
- ◆ Usage on the Command Line
- ◆ Writing New Backends

Download the Docs

Learn Puppet in Small Bits

read apply repeat

Download Puppet Enterprise

Hiera 1: Overview

1. Getting Started With Hiera
 1. Learning From Example
2. Why Hiera?
 1. Making Puppet Better
 2. Avoiding Repetition

Hiera is a key/value lookup tool for configuration data, built to make **Puppet** better and let you **set node-specific data without repeating yourself**. See **"Why Hiera?"** below for more information, or get started using it right away:

Getting Started With Hiera

To get started with Hiera, you'll need to do all of the following:

- ◆ Install Hiera, if it isn't already installed.
- ◆ Make a `hiera.yaml` config file.
- ◆ Arrange a hierarchy that fits your site and data.
- ◆ Write data sources.
- ◆ Use your Hiera data in Puppet (or any other tool).

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The answer, use Hiera!

Seriously, these docs rock. Read them. <http://docs.puppetlabs.com/hiera/1/index.html>

It's **MAGIC**

But also, it's not...



puppet
labs

forge



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But first, let's take a closer look at a Puppet run.



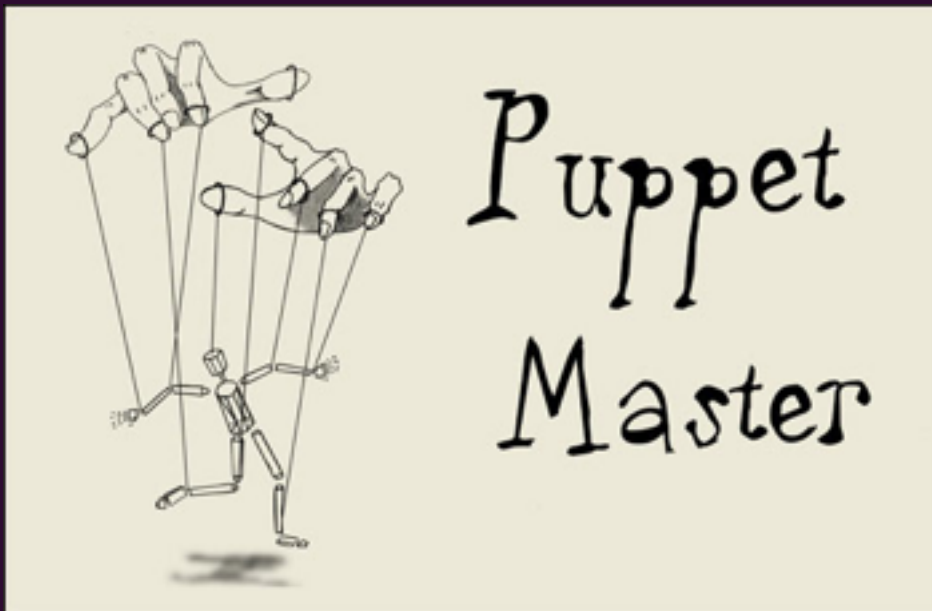
forge





forge







I need the value for
`$forge::package_name`.

How should I conduct my
search?



I need the value for \$forge::package_name.

How should I conduct my search?

```
hier.yaml
YAML
1 ---
2 :backends:
3   - yaml
4 :yaml:
5   :datadir: /etc/puppet/hieradata
6 :hierarchy:
7   - %{:clientcert}
8   - %{:operatingsystem}
9   - common
```



Tuesday, February 26, 13

Hiera lets you express data in some structured format (which is pluggable).

You then establish a hierarchy of lookup, however you like, usually based on facts.

I need the value for \$forge::package_name.

How should I conduct my search?

\$clientcert

\$operatingsystem

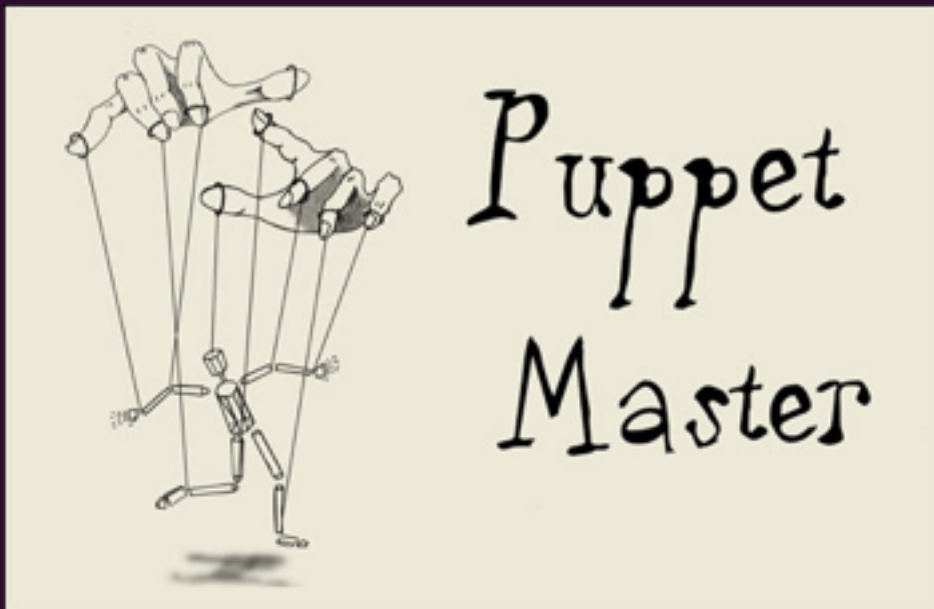
common

```
hiera.yaml
YAML
1 ---
2 :backends:
3   - yaml
4 :yaml:
5   :datadir: /etc/puppet/hieradata
6 :hierarchy:
7   - $::clientcert
8   - $::operatingsystem
9   - common
```



Tuesday, February 26, 13

Consider your hierarchy the lookup order.



? \$forge::package_name

\$clientcert

\$operatingsystem

common



forge





FACT



? \$forge::package_name

\$james_bond

\$RedHat

common



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forge



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Facts can be used for a dynamic hierarchy.

? \$forge::package_name

\$james_bond

\$RedHat

common

```
james_bond.yaml
1  region: 'us'
```

```
RedHat.yaml
1  puppetdb::database: 'embedded'
```

```
common.yaml
1  forge::package: 'screen'
```



forge



Tuesday, February 26, 13

Hiera will simply consult the structured data, looking for variable names, expecting files named after your entry in hiera.yaml

? \$forge::package_name

\$james_bond

\$RedHat

common

```
james_bond.yaml
1  region: 'us'
```

```
RedHat.yaml
1  puppetdb::database: 'embedded'
2  forge::package: 'tmux'
```

```
common.yaml
1  forge::package: 'screen'
```



Tuesday, February 26, 13

Hierarchy matters. The package name is now tmux.

Ok, so how do I implement it?



Tuesday, February 26, 13

Thankfully, Puppet 3 has made implementing Hieradata really simple.

common.yaml

YAML

1

forge::package: 'screen'

init.pp

Puppet

1

2

3

4

5

6

7

8

9

class forge {

\$package_name = hiera('forge::package')

package { \$package_name:

ensure => present,

}

}

site.pp

Puppet

1

include forge



Tuesday, February 26, 13

Please don't use the hiera() function. Consider it legacy.

<>

common.yaml

YAML

↺

<>

1

forge::package: 'screen'

<>

init.pp

Puppet

↺

<>

1

class forge(

2

\$package_name = hiera('forge::package')

3

) {

4

5

package { \$package_name:

6

ensure => present,

7

}

8

9

}

<>

site.pp

Puppet

↺

<>

1

class { 'forge':

2

package_name => 'ssh',

3

}



Tuesday, February 26, 13

This is better, as the user can override this default parameter value.

With this, you're locked into hiera.

<>

common.yaml

YAML

↺

<>

1

forge::package: 'screen'

<>

init.pp

Puppet

↺

<>

1

class forge{

2

\$package_name = 'ssh'

3

} {

4

5

package { \$package_name:

6

ensure => present,

7

}

8

}

9

}

<>

site.pp

Puppet

↺

<>

1

class { 'forge': } # OR # include forge



Tuesday, February 26, 13

But really, just get yourself onto Puppet 3 and take advantage of automatic Hiera!

Data Bindings

don't lock yourself in



Tuesday, February 26, 13

Additionally, protect yourself from a potential loss of Hieradata.

Data Lookup Order

- Use explicit class declaration values
- Query Data Binding
- Use the default value from class.
- Fail compilation with an error if no value can be found.




puppet
labs

forge



Built into Puppet 3

Indirection Reference — Documentation — Puppet Labs

 docs.puppetlabs.com/references/latest/indirection.html#databinding

data_binding

Where to find external data bindings.

- ◆ **Terminus Setting:** data_binding_terminus

hiera

- Retrieve data using Hiera.

none

- A Dummy terminus that always returns nil for data lookups.



forge



domcleal/foreman_data_binding · Puppet Forge

forge.puppetlabs.com/domcleal/foreman_data_binding

Reader


Puppet Labs

Open Source Projects

Support

Docs

Bugs

 puppet labs


forge

882 modules

334,573 downloads

Since February 2012

domcleal/foreman_data_binding



Author: [Dominic Cleal](#)

Links: [Project URL](#) | [Report issues](#)

Tags: [hiera](#), [terminus](#), [data_binding](#), [class](#), [data](#), [foreman](#)

Latest release: [0.1.0](#)

Release date: Jan 18, 2013

Total downloads: 17

How to Install

Run this code on your puppet node using the Puppet Module Tool:

```
puppet module install domcleal/foreman_data_binding
```

The Puppet Module Tool is available in Puppet 2.7.14+ and Puppet Enterprise 2.5+ [Read about installing modules](#)

Or: [Download as a .tar.gz](#)

README

License

Open issues (0)

foreman_data_binding

Data binding terminus for Puppet 3+ that uses Foreman's smart class parameters feature to resolve class parameters. Drop-in replacement for Hiera

Log In

Sign Up

Publish a Module

Find Modules

eg. apache, my

Find

All modules

Popular Tags

ubuntu (161 modules)

debian (134 modules)

CentOS (97 modules)

rhel (94 modules)

monitoring (62 modules)

networking (55 modules)

security (50 modules)

applications (48 modules)



common.yaml

YAML

1

forge::package: 'screen'

init.pp

Puppet

1

2

3

4

5

6

7

8

9

class forge(
 \$package_name = 'ssh'
) {

 package { \$package_name:
 ensure => present,
 }
}

site.pp

Puppet

1

class { 'forge': } # OR # include forge



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But really, just get yourself onto Puppet 3 and take advantage of automatic Hiera!

Best Practices

- Confirm to the Style Guide
- Use Parameterized Classes
- Don't use hiera() directly



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Interfaces



bad.pp

Puppet



```
1  node 'forge-website' {
2
3      class { 'forge::package':
4          package_name => 'nginx',
5      }
6
7      class { 'forge::service':
8          service_name => 'unicorn',
9          port          => '443',
10     }
11
12 }
```



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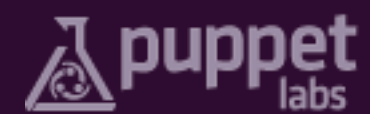


 good.pp

Puppet



```
1  node 'forge-website' {
2
3      class { 'forge':
4          package_name => 'nginx',
5          port          => '443',
6      }
7
8  }
```



forge



good.pp

Puppet



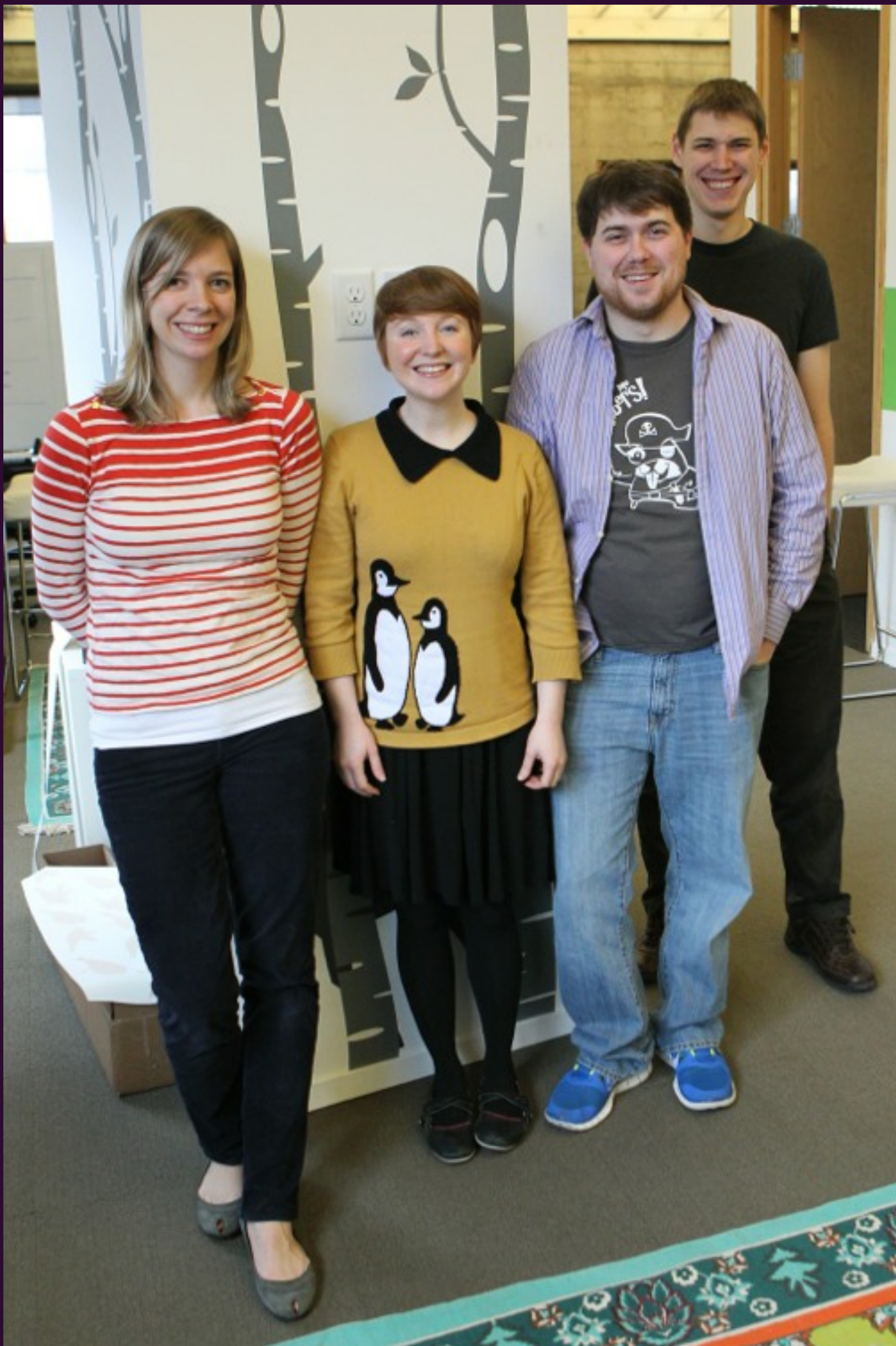
```
1  node 'forge-website' {
2
3      class { 'forge':
4          package_name => 'nginx',
5          port          => '443',
6          manage_nginx => false,
7      }
8
9  }
10
11  # somewhere else
12  class forge {
13
14      ...
15
16      if $forge::manage_nginx {
17          include nginx
18          nginx::vhost { 'forge':
19              vhostroot => '/var/www/forge',
20              port      => 443,
21          }
22      }
23
24  }
25
26
27
28 }
```



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The Team



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What have we been up to?

- Re-launch and Re-design



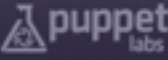
Tuesday, February 26, 13

Though we're small, we've been really busy!

Module: puppetlabs/apache | Puppet Module Repository | Puppet Labs

web.archive.org/web/20120514131715/http://forge.puppetlabs.com/puppetlabs/apache

Reader



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Puppet Forge

PuppetForge 0.4.0

Module puppetlabs/apache

Download

Latest Release: 0.0.4 - May 8, 2012

Shared by Puppet Labs (puppetlabs)

Report issues at <https://projects.puppetlabs.com/projects/modules>

Tagged with [apache](#), [virtualhost](#), [web](#)

Module description

This is a generic Apache module that includes support for creating VirtualHosts.

Release notes for version 0.0.4

Various bugfixes and feature enhancements.

2012-05-08 Puppet Labs <info@puppetlabs.com> - 0.0.4
e62e362 Fix broken tests for ssl, vhost, vhost:*
42e6363 Changes to match style guide and pass puppet-lint without error
42bc8ba changed name -> path for file resources in order to name namevar by it's name
72e13de One end too much
0739641 style guide fixes: 'true' <> true, \$operatingsystem needs to be \$::operatingsystem, etc.
273f94d fix tests
a35ede5 (#13860) Make a2enmod/a2dismo commands optional
98d774e (#13860) Autorequire Package['httpd']
05fcec5 (#13073) Add missing puppet spec tests
541afda (#6899) Remove virtual a2mod definition
976cb69 (#13072) Move mod python and wsgi package names to params
323915a (#13060) Add .gitignore to repo
fdf40af (#13060) Remove pkg directory from source tree
fd90015 Add LICENSE file and update the ModuleFile
d3d0d23 Re-enable local php class
d7516c7 Make management of firewalls configurable for vhosts
60f83ba Explicitly lookup scope of apache_name in templates.
f4d287f (#12581) Add explicit ordering for vdir directory
88a2ac6 (#11706) puppetlabs-apache depends on puppetlabs-firewall
a776a8b (#11071) Fix to work with latest firewall module
2b79e8b (#11070) Add support for Scientific Linux
405b3e9 Fix for a2mod
57b9048 Commit apache::vhost::redirect Manifest
8862d01 Commit apache::vhost::proxy Manifest
d5c1fd0 Commit apache::mod::wsgi Manifest
a825ac7 Commit apache::mod::python Manifest
b77062f Commit Templates
9a51b4a Vhost File Declarations
6cf7312 Defaults for Parameters
6a5b11a Ensure installed
f672e46 a2mod fix
8a56ee9 add pthon support to apache

Dependencies

- puppetlabs/firewall (>= 0.0.4)

Types

a2mod

Description

Manage Apache 2 modules on Debian and Ubuntu

Parameters

name

The name of the module to be managed

Properties

Sign in

Register

Search Modules

Go

Module's releases

0.0.4

0.0.3

0.0.2

0.0.1

Modules

Add a module

All Modules

Web Servers

Applications

Package Management

Operating Systems

Programming Languages

Networking

Utilities

Monitoring and Trending

Security

Virtualization

Popular Tags

a2dismod a2enmod accelerator access acl activemq agent agnostic alerts aliases amanda amavis amazon amqp analysis and android antivirus **apache** apache2 apple application applications apt apticron archive asadmin Atlassian augas auth authconfig authentication authoritative automation availability aws backup backuppc bacula balance bash basic benchmark bigtable bind blog boundary bprobe bugzilla build bzip c++ ca caching Cacti capistrano cassandra ccollect CentOS cern certificate certificate_authority certificates certs cfn check chrislea ci cirrus clamav cleanup cli client cloud cloud-provisioner cloudformation cloudkick cluster cobbler collectd common compile compiler composite_namevars concat concatenate console control controltier create_resouces cron curl CVS cyber dashboard database datadog db debian defaults denyhosts deployment desktop developer development device dhcp digest directory distributed dms dns dnsmasq dovecot dpkg dpm duo dynamic dyndns ec2 editor elasticsearch email ENC entomica FPM examples42 exim

The image shows the Puppet Labs logo on the left, which consists of a stylized 'P' inside a triangle followed by the text 'puppet labs'. To its right is the 'forge' logo in a bold, lowercase sans-serif font. On the far right is a circular orange icon featuring a black silhouette of a muscular man in a loincloth, swinging a hammer over his shoulder.

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Lots of little features add up to a substantially nicer to use Forge.

What have we been up to?

- Re-launch and Re-design
- PMT Fixes (prep for publish)
- Download Counts



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forge

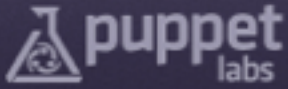


Search - apache - Puppet Forge

forge.puppetlabs.com/modules?utf-8=✓&q=apache

Reader

Puppet Labs : Open Source Projects Support Docs Bugs

 **forge**

884 modules 337,834 downloads
Since February 2012

Modules matching 'apache'

34 modules found

nodes/php Puppet module to manage PHP on debian (and others) Version 0.2.1 released Jan 29, 2013 117 downloads of this version	189 downloads
jlondon/phpmyadmin Puppet phpMyAdmin module Version 0.0.1 released Jan 18, 2013 35 downloads of this version	35 downloads
blom/rpaf mod_rpaf module Version 0.0.1 released Jan 12, 2013 27 downloads of this version	27 downloads
maestrodev/activemq Install and manage Apache ActiveMQ Version 1.0.0 released Dec 19, 2012 161 downloads of this version	161 downloads

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[Publish a Module](#)

Find Modules

eg. apache, my [Find](#)

[All modules](#)

Popular Tags

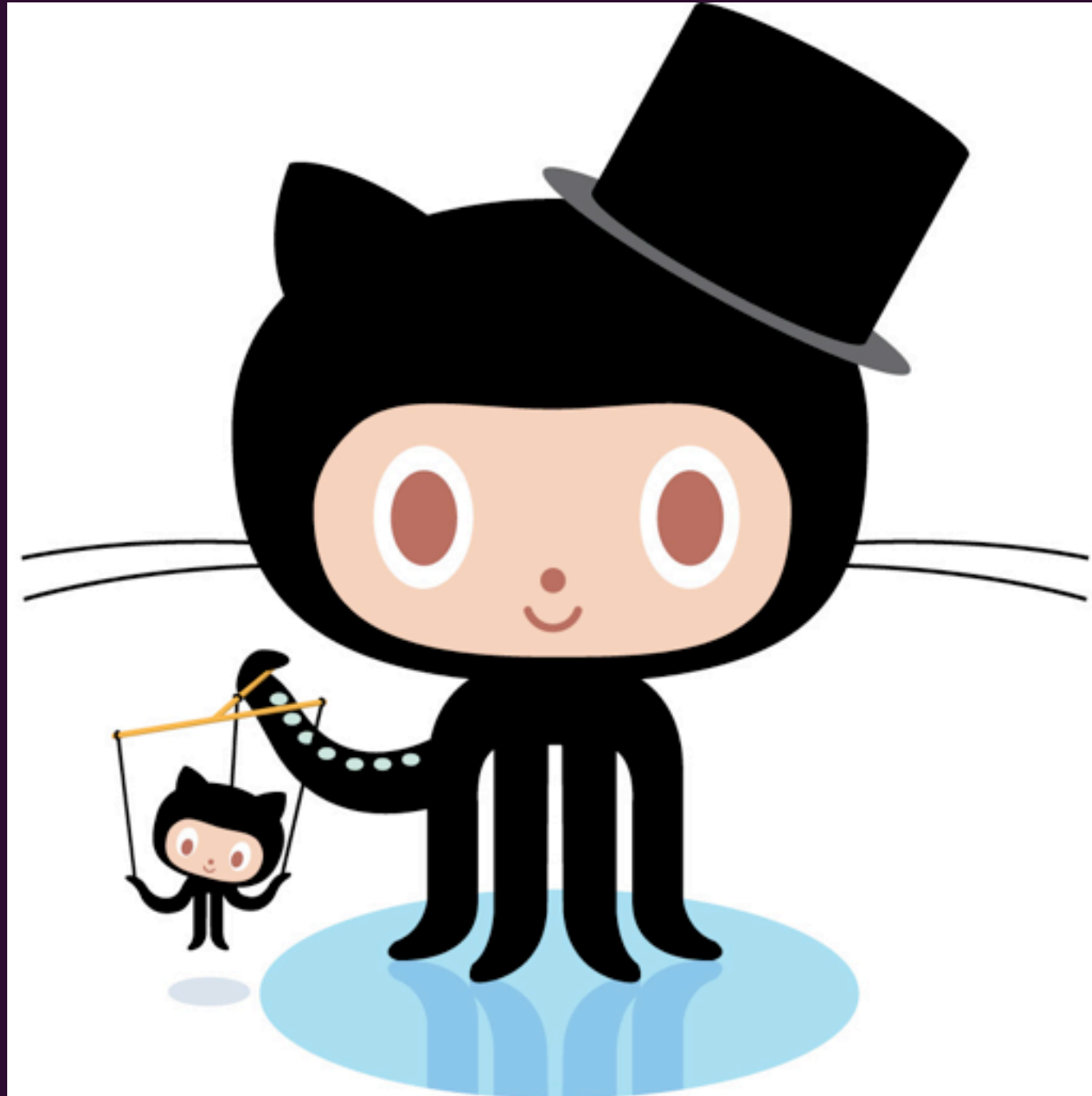
- [ubuntu](#) (161 modules)
- [debian](#) (135 modules)
- [CentOS](#) (98 modules)
- [rhel](#) (94 modules)
- [monitoring](#) (62 modules)
- [networking](#) (55 modules)
- [security](#) (51 modules)
- [applications](#) (48 modules)
- [report](#) (36 modules)



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Download counts, now in your search results!

What's Next?



GitHub Publish



forge



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Edit your Modulefile, push your commit and we'll do the publishing! Coming soon to a repository near you.

What's Next?

Puppet Forge API documentation

Version v2

- email
- files
- modules
- oauth2
- password
- releases
- statistics
- tags
- user
- users
- version

Version v1

- files
- modules
- releases
- users

A Full & Public API



forge

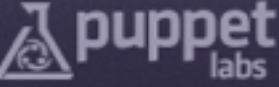


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Also coming soon, an actual API for doing all sorts of things with the Forge.

What's Next?

Puppet Labs : Open Source Projects Support Docs Bugs

 **forge**

829 modules 276,938 downloads
Since February 2012

Find modules

Sort

- Most recent
- Most downloads
- Highest rating

Filter

- ☐ Modules (36)
- ☐ Authors (2)
- ☐ Modules of the Week (4)
- ☐ Puppet Labs modules (3)
- ☐ Puppet supported (1)

Showing 39 modules for 'Apache'

brightbox/
apache

↓ 88 downloads ★★★★★ 36 ratings

This module installs and manages apache

version 2.0.0 released 2 days ago

example42/
apache

↓ 400 downloads ★★★★★ 137 ratings

This module installs and manages apache

version 1.0.1 released 1 week ago

saltycowdog/
apache

↓ 178 downloads ★★★★★ 89 ratings

This module installs and manages apache

version 2.0.1 released Feb 3, 2012

ghoneycutt/
apache

↓ 570 downloads ★★★★★ 111 ratings

Manages apache servers, remote restarts, and mod_ssl, mod_php, mod_py-
thon, mod_perl

version 2.0.1 released Feb 3, 2012

[Log In](#)

[Sign Up](#)

[Publish a Module](#)

Popular Tags

- ubuntu** (155 modules)
- debian** (131 modules)
- rhel** (89 modules)
- CentOS** (89 modules)
- monitoring** (55 modules)
- security** (50 modules)
- networking** (50 modules)
- applications** (48 modules)
- report** (36 modules)
- apache** (34 modules)

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Just an experimental mock-up of search results. Actual feature will absolutely look and behave differently.



forge



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Private Forge has been a common request.

PulpProject.org



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RedHat's Pulp Project is repository management software that recently added support for Puppet Modules.



- Manage Modules on-premise
- Mirror Public Forge
- BUT, please work with me on this
 - Email me or comment on #5033



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If you're interested in this, email ryan@puppetlabs.com or add your thoughts to <https://projects.puppetlabs.com/issues/5033>.

We're going to do something in this space, but want to hear more from you on what you need.

Want to help?



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If you want to add your influence to our products, join the Puppet Labs Test Pilots program!

<https://puppetlabs.com/community/puppet-test-pilots-program/>



- Sharpen your skills
- Get Certified
- Online learning on the way
- puppetlabs.com/education



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Our education courses are carefully crafted and delivered by our fabulous education team and professional services team.

Advanced course coming to LA 3/19

Browse upcoming events at <http://puppetlabs.eventbrite.com/>



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Read more!

<http://garylarizza.com>



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Gary Larizza has a great blog post on Boxen.

<http://garylarizza.com/blog/2013/02/15/puppet-plus-github-equals-laptop-love/>

WE'RE HIRING!

- Puppet Forge Module Engineer
 - <http://bit.ly/15wdruk>
 - puppetlabs.com/jobs



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Seriously, join our team. It'll be awesome.