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#puppetcamp

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1364 Users
435 Modules

#puppetize with the Forge

[PuppetLabs/Apt](#)

```
$ puppet module install puppetlabs/apt
```

```
node 'elmo' {  
  apt::source { 'puppetlabs':  
    location => 'http://apt.puppetlabs.com',  
    repos    => 'main',  
    key      => '4BD6EC30',  
    key_server => 'pgp.mit.edu',  
  }  
}
```

#puppetize with the Forge

[Saz/Sudo](#)

```
$ puppet module install saz/sudo
```

```
node 'oscar' {  
  sudo::conf { 'admins':  
    priority => 10,  
    content  => '%admins ALL=(ALL) NOPASSWD: ALL',  
  }  
}
```

#puppetize with the Forge

[PuppetLabs/Registry](#)

```
$ puppet module install puppetlabs/registry
```

```
node 'beaker' {  
  registry_key { 'HKLM\System\CurrentControlSet\Services\Puppet':  
    ensure => present,  
  }  
  registry_value { 'HKLM\System\CurrentControlSet\Services\Puppet\Description':  
    ensure => present,  
    type   => string,  
    data   => "The Puppet Agent service periodically manages your configuration",  
  }  
}
```

#puppetize with the Forge

[PuppetLabs/openstack](https://puppetlabs.com/openstack)

```
$ puppet module install puppetlabs/openstack
```

```
node 'kermit' {  
  class { 'openstack::all':  
    public_address      => '192.168.1.12',  
    public_interface    => 'eth0',  
    private_interface   => 'eth1',  
    admin_email         => 'some_admin@some_company',  
    admin_password      => 'admin_password',  
    keystone_admin_token => 'keystone_admin_token',  
    nova_user_password  => 'nova_user_password',  
    glance_user_password => 'glance_user_password',  
    rabbit_password     => 'rabbit_password',  
    rabbit_user         => 'rabbit_user',  
    libvirt_type        => 'kvm',  
    fixed_range         => '10.0.0.0/24',  
  }  
}
```

#puppetize with the Forge

[RTyler/Jenkins](#)

```
$ puppet module install rtyler/jenkins
```

```
node 'gonzo' {  
  class { 'jenkins': }  
  jenkins::plugin { 'git': }  
}
```

#puppetize with the Forge

[PuppetLabs/Razor](#)

```
$ puppet module install puppetlabs/razor
```

```
node 'big-bird' {  
  class { 'razor':  
    ruby_version => '1.8.7',  
  }  
}
```


#puppetize with the Forge

[Saz/RSyslog](#)

```
$ puppet module install saz/rsyslog
```

```
node 'cookie-monster' {  
  class { 'rsyslog::server':  
    enable_tcp      => true,  
    enable_udp      => true,  
    server_dir      => '/srv/log/',  
    custom_config   => undef,  
    high_precision_timestamps => false,  
  }  
  class { 'rsyslog::client':  
    log_remote      => true,  
    remote_type     => 'tcp',  
    log_local       => false,  
    log_auth_local  => false,  
    custom_config   => undef,  
    server          => 'cookie-monster',  
    port            => '514',  
  }  
}
```

#puppetize with the Forge

[DomClear/AugeasProviders](#)

```
$ puppet module install domclear/augeasproviders
```

```
class 'bar' {  
  host { 'example.com':  
    ensure => present,  
    ip      => '10.1.2.3',  
    provider => 'augeas',  
  }  
  sshd_config { 'PermitRootLogin':  
    value      => 'without-password',  
    condition => 'Host example.net',  
  }  
}
```

#puppetize with the Forge

[PuppetLabs/Firewall](#)

```
$ puppet module install puppetlabs/firewall
```

```
node 'waldorf' {  
  firewall { "000 accept all icmp requests":  
    proto => "icmp",  
    action => "accept",  
  }  
  
  firewall { "999 drop all other requests":  
    action => "drop",  
  }  
  
  firewall { '100 snat for network foo2':  
    chain => 'POSTROUTING',  
    jump  => 'MASQUERADE',  
    proto => 'all',  
    outiface => "eth0",  
    source => ['10.1.2.0/24'],  
    table => 'nat',  
  }  
}
```

#puppetize with the Forge

[razorsedge/vmwaretools](#)

```
$ puppet module install RazorsEdge/VMWareTools
```

```
node 'statler' {  
  class { 'vmwaretools':  
    tools_version => '4.0u3',  
    autoupgrade   => true,  
  }  
}
```

#puppetize with the Forge

[PuppetLabs/DISM](#)

```
$ puppet module install puppetlabs/dism
```

```
node 'animal' {  
  dism { 'NetFx3':  
    ensure => present,  
  }  
  dism { 'IIS-WebServer':  
    ensure => present,  
    answer => 'C:\answer\iis.xml',  
  }  
}
```

#puppetize with the Forge

[PDXCAT/Amanda](#)

```
$ puppet module install pdxcat/amanda
```

```
node 'fizzie' {  
  class { 'amanda::client':  
    server => 'backup.cat.pdx.edu',  
  }  
  class { 'amanda::server':  
    configs      => [ 'daily', 'archive' ],  
    configs_source => 'modules/data/amanda',  
  }  
}
```

#puppetize with the Forge

[GLarizza/HAProxy](#)

```
$ puppet module install glarizza/haproxy
```

```
node 'rowlf' {
  class { ['haproxy']:
    enable           => true,
    haproxy_global_options => ...
  }

  haproxy::config { ['puppet00':
    order           => '20',
    virtual_ip      => $::ipaddress,
    virtual_ip_port => '18140',
    haproxy_config_options => { 'option' => ['tcplog', 'ssl-hello-chk'], 'balance' => 'roundrobin' },
  ]
}

node 'rizzo' {
  @@haproxy::balancermember { $fqdn:
    order           => '21',
    listening_service => 'puppet00',
    server_name      => $::hostname,
    balancer_ip      => $::ipaddress,
    balancer_port    => '8140',
    balancermember_options => 'check'
  }
}
```

#puppetize with the Forge

[PuppetLabs/MySQL](#)

```
$ puppet module install puppetlabs/mysql
```

```
node 'miss_piggy' {  
  mysql::db { 'mydb':  
    user      => 'myuser',  
    password => 'mypass',  
    host      => 'localhost',  
    grant     => ['all'],  
  }  
  
  database { 'mydb':  
    charset => 'latin1',  
  }  
  database_user { 'bob@localhost':  
    password_hash => mysql_password('foo')  
  }  
  database_grant { 'user@localhost/database':  
    privileges => ['all'] ,  
  }  
}
```


#puppetize with the Forge

Lots more!

Facts, Functions and Types oh-my!

[PuppetLabs/STDLib](#)

Cloud Provisioners

[PuppetLabs/Node_GCE](#)

[PuppetLabs/Node_OpenStack](#)

General Infrastructure

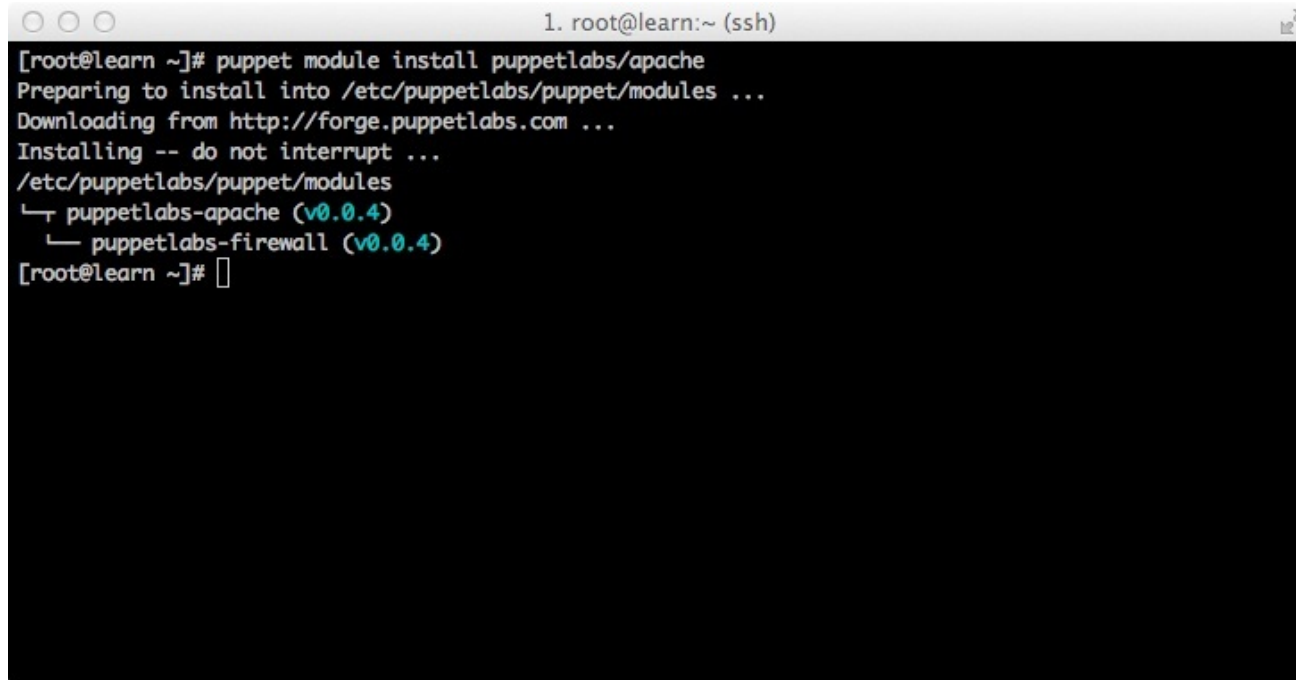
[PuppetLabs/FireWall](#)

[PuppetLabs/Apache](#)

Searching For Modules

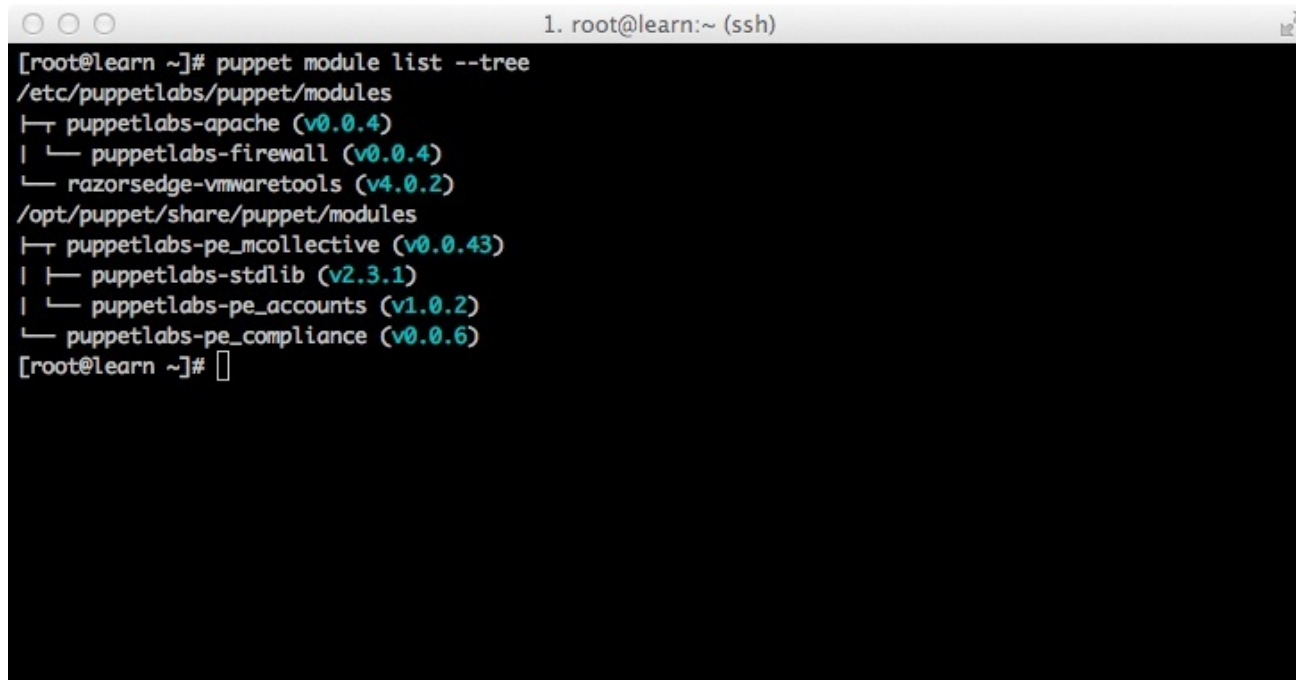
```
1. root@learn:~ (ssh)
[root@learn ~]# puppet module search webserver
Searching http://forge.puppetlabs.com ...
NAME                DESCRIPTION                AUTHOR                KEYWORDS
camptocamp-varnish  A module for installing the varnish H... @camptocamp          proxy webservers web
camptocamp-tomcat    A module to install and configure tom... @camptocamp          java jsp web
DavidSchmitt-apache Manages apache, modules and sites      @DavidSchmitt        webservers apache
puppetmanaged-webserver Apache webserver management module fo... @puppetmanaged       apache webserver
BenoitCattie-nginx  Basic module for configuring nginx vi... @BenoitCattie        web HTTP nginx fcgi
ghoneycutt-apache    Manages apache servers, remote restar... @ghoneycutt          web php perl ssl
larstobi-glassfish   A resource type to manage Glassfish d... @larstobi            java web webapp
puppetlabs-nginx     This module configures the NGINX web ... @puppetlabs          web HTTP webserver
thias-apache_httpd   Install and enable the Apache httpd w... @thias               rhel CentOS httpd
thias-nginx          Install, enable and configure an NGIN... @thias               nginx rhel httpd
thias-php            Install PHP packages and configure PH... @thias               php rhel nginx
severity1-httpd      Used for managing apache2, still far ... @severity1           HTTP webserver httpd
[root@learn ~]#
```

Installing Modules

A terminal window with a title bar showing '1. root@learn:~ (ssh)'. The terminal output shows the command 'puppet module install puppetlabs/apache' being executed. The output indicates the module is being prepared for installation into '/etc/puppetlabs/puppet/modules', downloaded from 'http://forge.puppetlabs.com', and installed. It also shows a dependency tree for 'puppetlabs-apache (v0.0.4)' which includes 'puppetlabs-firewall (v0.0.4)'. The prompt returns to '[root@learn ~]#'.

```
1. root@learn:~ (ssh)
[root@learn ~]# puppet module install puppetlabs/apache
Preparing to install into /etc/puppetlabs/puppet/modules ...
Downloading from http://forge.puppetlabs.com ...
Installing -- do not interrupt ...
/etc/puppetlabs/puppet/modules
└─ puppetlabs-apache (v0.0.4)
   └─ puppetlabs-firewall (v0.0.4)
[root@learn ~]#
```

Listing Installed Modules

A terminal window with a title bar showing three window control buttons and the text '1. root@learn:~ (ssh)'. The terminal content shows the command 'puppet module list --tree' being executed, which lists installed Puppet modules in a tree structure. The modules are categorized by their installation path: /etc/puppetlabs/puppet/modules and /opt/puppet/share/puppet/modules. The output is as follows:

```
[root@learn ~]# puppet module list --tree
/etc/puppetlabs/puppet/modules
├─ puppetlabs-apache (v0.0.4)
├─ puppetlabs-firewall (v0.0.4)
└─ razorsedge-vmwaretools (v4.0.2)
/opt/puppet/share/puppet/modules
├─ puppetlabs-pe_mcollective (v0.0.43)
├─ puppetlabs-stdlib (v2.3.1)
├─ puppetlabs-pe_accounts (v1.0.2)
└─ puppetlabs-pe_compliance (v0.0.6)
[root@learn ~]#
```

Top Ten Community Authors

1. [saz](#)
2. [DavidSchmitt](#)
3. [dhoppe](#)
4. [thias](#)
5. [camptocamp](#)
6. [mstanislav](#)
7. [razorsedge](#)
8. [BenoitCattie](#)
9. [lab42](#)
10. [bcarpio](#)

Coming Soon To The Forge

Bug Fixes

SSL!

Platform Improvements

PMT Publishing

Focussing On Quality

Automatic post-publish
documentation scraping &
linting

Download Counts

Ratings & Reviews

Things we're thinking about

More content than just modules

On-Premise Forge | Private
Content

Module Hack Days & Bounties

Be Part Of The Future

Writing Quality Modules

- Good Style | Puppet Lint Compliant
- Real Versioning | SemVer
- Simple Interfaces
- Useful Documentation

Be Part Of The Future

Collaboration

- Find a Forge module you like
- Try it out / Grab the source-code
- Talk to the Author / Identify improvement
- Hack, Submit A Pull, Make a sandwich!

Questions?

@ryanycoleman

#puppetcamp

Slides are available, right now.

<http://192.168.232.227> & <http://192.168.232.227/pdf>

