

# puppet custome facts for directory servers

## Custom facts and template for puppet

```
-sh-4.1$ vim modules/res_common/
files/      lib/      manifests/ templates/ test/
-sh-4.1$ vim modules/res_common/lib/facter/
copaserver.rb      dsa_array.rb      fixed atlas repo.rb
-sh-4.1$ vim modules/res_common/lib/facter/dsa_array.rb
Facter.add("dsa_array") do
  setcode do
    output_string = Facter::Util::Resolution.exec(["su - dsa -c " /opt/CA/eTrustDirectory/dxserver/bin/dxserver status|cut -f1 -d \" \""])
    dsa_array = output_string.split()
    dsa_array.map {|x| x.chomp }
    dsa_array
  end
end
```

```
-sh-4.1$ vim modules/res_dir/
files/      init.pp      lib/      manifests/ templates/
-sh-4.1$ vim modules/res_dir/templates/external_source_cfg
-sh-4.1$ vim modules/res_dir/templates/external_source_cfg
external_source_cfg_data.erb      external_source_cfg.erb      external_source_cfg_router.erb
-sh-4.1$ vim modules/res_dir/templates/external_source_cfg.erb

<% dsa_array.gsub(" ", "").gsub("\n", "").gsub("\\""", "").gsub(" ", "").split(',').each do |int| -%>

[profile:updateLogGLM <%= int %>]
["name": "queryLogGLM-<%= int %>", "cmd": "/usr/local/bin/glm.pl", "cmd_args": "-s /var/tmp/glm-<%= int %>_update.state",

<% end -%>

~
~
~
~
~
```

```
-sh-4.1$ vim modules/res_common/manifests/hostmon_config.pp
```

```

class res_common::hostmon_config_new(
  $hostmon_file = "",
  $hostmon_template = "",
  $pkg = "",
) {

  # $pkg = $hostname_app ? {
  #   'resswanapp' => 'undef',
  #   default => "Package['hostmon-config-default', 'hostmon']",
  # }

  # template takes precedence, but warn if both template and file given
  if ($hostmon_template != "") {

    file { ['/etc/hostmon/conf.d/external_source.cfg':
      owner => 'root',
      group => 'root',
      mode => '0644',
      content => template($hostmon_template),
      require => Package['hostmon-config-default', 'hostmon'],
    ]
  }
  elsif $hostmon_file != "" {
    file { ['/etc/hostmon/conf.d/external_source.cfg':
      owner => 'root',
      group => 'root',
      mode => '0644',
      source => $hostmon_file,
      require => $hostname_app ? {
        'resswanapp' => undef,
        'resscd' => undef,
        'resiscd' => undef,
        default => Package['hostmon-config-default', 'hostmon'],
      },
    ]
  }
  else {
    fail("Either hostmon_file or hostmon_template argument is required for res_common::hostmon_config_test.")
  }
}

```

-sh-4.1\$ vim manifests/nodes/res\_directory.pp

```

node /^resddsa-ch2/ inherits baseline {
  $directoryType="data"
  $copa_repo_server = "copasp-ch2-k01p.sys.comcast.net:38253"
  include res_dir::dir_server::packages
  include res_dir::dir_server::scripts
  include res_dir::dir_server::log_aggregator
  include res_dir::dir_server::linux_host_stats
  include res_dir::dir_server::dxserver_knowledge
  include res_dir::dir_server::dxserver_config
  include res_dir::dir_server::dsa_profile
  include res_dir::dir_server::nrpe_config
  include res_dir::dir_server::prerequisites
  include res_common::nagios_client_nrpe
  include res_dir::dir_server::cron
  include res_dir::dir_server::config
  include res_dir::dir_server::deploy_schema
  include res_dir::dir_server::rsyslog
  include res_common::symantec_csp

  class { 'res_common::hostmon_config_new':
    hostmon_template => 'res_dir/external_source_cfg_combined.erb'
  }

  class { 'res_common::iptables':
    rules_file => 'puppet:///modules/res_common/iptables.directory'
  }
}

```

## Documents

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PNG File 1.png	18 kB	Santosh Kumar	Aug 12, 2015 09:17	

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