

Managing Files

Login to puppet server

```
# /etc/puppet/environments/production/manifests/nodes.pp
```

```
node 'wiki' {  
  
  file { ['/info.txt':  
    ensure => 'present',  
    content => inline_template("Created by Puppet at <%= Time.now %>\n"),  
  }  
  
}
```

```
node 'wikitest' {  
  
  file { ['/info.txt':  
    ensure => 'present',  
    content => inline_template("Created by Puppet at <%= Time.now %>\n"),  
  }  
  
}
```

Go to both the nodes and execute to apply changes

```
# puppet agent --verbose --no-daemonize --onetime
```

Managing Packages & Services

```
node 'wiki' {  
  
  file { ['/info.txt':  
    ensure => 'present',  
    content => inline_template("Created by Puppet at <%= Time.now %>\n"),  
  }  
  
}
```

```
package { 'ntp':  
  ensure => 'installed',  
}
```

```
service { ntpd:  
  ensure => 'running',  
  enable => true,  
}
```

```
}
```

```
node 'wikitest' {  
  
  file { ['/info.txt':  
    ensure => 'present',  
    content => inline_template("Created by Puppet at <%= Time.now %>\n"),  
  }  
  
}
```

```
package { 'ntp':  
  ensure => 'installed',  
}  
  
service { ntp:  
  ensure => 'running',  
  enable => true,  
}  
}
```

Selectors

```
$ntpservice = $osfamily ? {  
  'redhat' => 'ntpd',  
  'debian' => 'ntp',  
  default => 'ntp',  
}
```

```
node 'wiki' {  
  
  file { '/info.txt':  
    ensure => 'present',  
    content => inline_template("Created by Puppet at <%= Time.now %>\n"),  
  }  
  
  package { 'ntp':  
    ensure => 'installed',  
  }  
  
  service { $ntpservice:  
    ensure => 'running',  
    enable => true,  
  }  
  
}
```

```
node 'wikitest' {  
  
  file { '/info.txt':  
    ensure => 'present',  
    content => inline_template("Created by Puppet at <%= Time.now %>\n"),  
  }  
  
  package { 'ntp':  
    ensure => 'installed',  
  }  
  
  service { $ntpservice:  
    ensure => 'running',  
    enable => true,  
  }  
}
```

```
}  
}
```

Using classes

```
node 'wiki' {  
  class { 'linux': }  
}  
  
node 'wikitest' {  
  class { 'linux': }  
}  
  
class linux {  
  $ntpservice = $osfamily ? {  
    'redhat' => 'ntpd',  
    'debian' => 'ntp',  
    default  => 'ntp',  
  }  
  
  file { ['/info.txt':  
    ensure => 'present',  
    content => inline_template("Created by Puppet at <%= Time.now %>\n"),  
  }  
  
  package { 'ntp':  
    ensure => 'installed',  
  }  
  
  service { $ntpservice:  
    ensure => 'running',  
    enable => true,  
  }  
}
```

Variables

```
node 'wiki' {  
  class { 'linux': }  
}
```

```
node 'wikitest' {  
  class { 'linux': }  
}  
  
class linux {  
  $admintools = ['git', 'nano', 'screen']  
  
  package { $admintools:  
    ensure => 'installed',  
  }  
  
  $ntpservice = $osfamily ? {  
    'redhat' => 'ntpd',  
    'debian' => 'ntp',  
    default  => 'ntp',  
  }  
  
  file { '/info.txt':  
    ensure => 'present',  
    content => inline_template("Created by Puppet at <%= Time.now %>\n"),  
  }  
  
  package { 'ntp':  
    ensure => 'installed',  
  }  
  
  service { $ntpservice:  
    ensure => 'running',  
    enable => true,  
  }  
}
```