

远程文件

Subtitle

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远程文件

puppet 4.4 之前的版本不支持http方式同步文件

[snippet.puppet](#)

```
define remote_file($remote_location=undef, $mode='0644', $service=undef, $md5=undef){
  exec{ "retrieve_${title}":
    unless => "/usr/bin/md5sum ${title} |/usr/bin/grep -w ${md5}",
    command => "/usr/bin/curl -s ${remote_location} --create-dirs -o /tmp${title} &&
/usr/bin/md5sum /tmp${title} |/usr/bin/grep -w ${md5} && /usr/bin/mv -f ${title} /tmp &&
/usr/bin/mv -f /tmp${title} ${title} || exit 1",
    #creates => $title,
  }

  file{ $title:
    mode    => $mode,
    require => Exec["retrieve_${title}"],
    notify  => Service["$service"]
  }
}
```



creates => \$title, 此参数是文件不存在时才创建，应删去

调用示例

[snippet.puppet](#)

```
remote_file {
  '/usr/local/bin/kube-proxy':
    mode => '0755',
    service => 'kube-proxy',
    md5 => '7f88a9057292971b10ad6de794f9ba62',
    remote_location => 'http://yum.intra.xxx.cn/soft/k8s/kube-proxy'
}
```

做成模块

[snippet.bash](#)

```
[root@itop puppet]# tree utils/
utils/
```

```
└─ manifests
   └─ init.pp
      └─ wget.pp
```

init.pp

[snippet.puppet](#)

```
class utils {
  include utils::wget
}
```

wget.pp

[snippet.puppet](#)

```
class utils::wget {
  define remote_file($remote_location=undef, $mode='0644', $service=undef, $md5=undef){
    exec{ "retrieve_${title}":
      unless => "/usr/bin/md5sum ${title} | /usr/bin/grep -w ${md5}",
      command => "/usr/bin/curl -s ${remote_location} --create-dirs -o /tmp${title} &&
/usr/bin/md5sum /tmp${title} | /usr/bin/grep -w ${md5} && /usr/bin/mv -f ${title} /tmp &&
/usr/bin/mv -f /tmp${title} ${title} || exit 1",
      #creates => $title,
    }

    file{$title:
      mode    => $mode,
      require => Exec["retrieve_${title}"],
      notify  => Service["$service"]
    }
  }
}
```

调用

[snippet.puppet](#)

```
class k8sdev::worker {
  include utils::wget
  utils::wget::remote_file {
    '/usr/local/bin/kube-proxy':
      mode    => '0755',
      service => 'kube-proxy',
      md5     => '7f88a9057292971b10ad6de794f9ba62',
      remote_location => 'http://yum.intra.xxx.cn/soft/k8s/kube-proxy'
  }
}
```

参考

- <https://serverfault.com/questions/639966/can-puppet-file-source-be-from-a-web-service>
- <https://stackoverflow.com/questions/18844199/how-to-fetch-a-remote-file-e-g-from-github-in-a-puppet-file-resou>

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