



Master of **Puppets**

```
#!/bin/csh
```

```
set fileName =
```

```
"abcdefghijklmnopqrstuvwxyzabcdefghijklmnopqrstuvwxyzabcdefghijklmnopqr  
cdefghijklmnopqrstuvwxyzabcdefghijklmnopqrstuvwxyzabcdefghijklmnopqr  
ghijklmnopqrstuvwxyzabcdefghijklmnopqrstuvwxyz.abcdef"
```

```
@ n = 5000
```

```
while ($n)
```

```
    touch $fileName$n".txt"
```

```
    #echo $fileName$n".txt"
```

```
    @ n--
```

```
end
```

```
echo "while loop complete"
```

Konfiguration durch
Aktionen

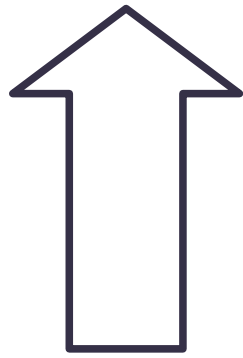


Sage mir, **wie** die
Konfiguration
aussehen soll.



Wie
funktioniert
Puppet

Client

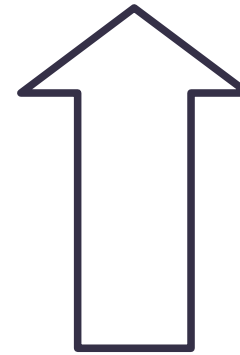


System

Client



Master

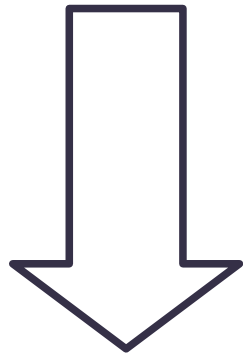


System

Modules

Client

Master

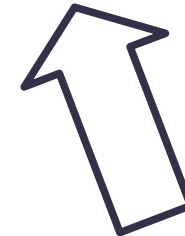
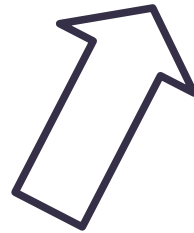
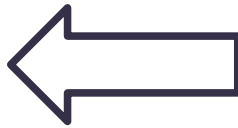
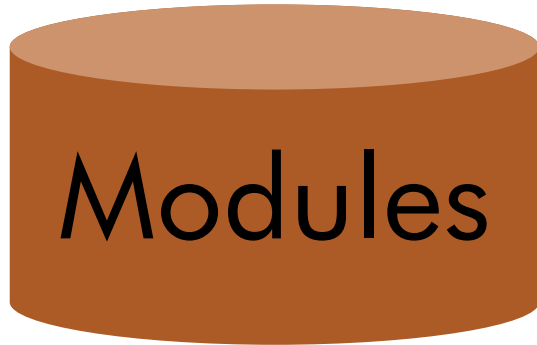


System

Modules



Puppet stellt
jedes mal die
gewünschte
Konfiguration her





Manifeste und **Module**

```
class sdv {  
    user { "sdv":  
        name    => "sdv",  
        home    => "/home/sdv",  
        shell   => "/bin/bash",  
        ensure  => present  
    }  
}
```

```
class openssh-server {  
  package { "ssh-server":  
    ensure => installed,  
  }  
  
  service { "sshd":  
    enable      => true,  
    ensure      => running,  
    Require     =>  
      Package["ssh-server"]  
  }  
}
```

Manifest(e)

```
graph TD; Manifest[Manifest(e)] --> Datei[Datei(en)]; Manifest --> Plugin[Plugin(s)]; Manifest --> Template[Template(s)];
```

Datei(en)

Plugin(s)

Template(s)

Modul



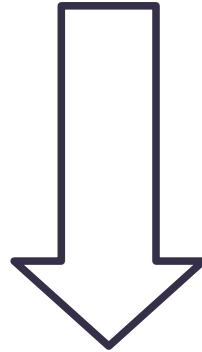
Puppet **Specials**

architecture => x86_64
domain => hello.world.com
fqdn => demo.hello.world.com
hardwaremodel => x86_64
hostname => demo
id => root
interfaces => eth0
ipaddress => 10.3.xxx.xxx
ipaddress_eth0 => 10.3.xxx.xxx
is_virtual => true
state => Abnahme

```
<IfDefine <%= fqdn %>>  
    Header append X-Server  
        <%=hostname %>  
</IfDefine>
```



```
shutdown:      root
halt:          root
```



```
/files/etc/aliases/7
/files/etc/aliases/7/name = "shutdown"
/files/etc/aliases/7/value = "root"
/files/etc/aliases/8
/files/etc/aliases/8/name = "halt"
/files/etc/aliases/8/value = "root"
```



Wie geht es
weiter?

Implementierung Tipps und Tricks

Bildnachweis

1. Gonzo / KLEPER / Flickr
2. My First Shell Script / Erin Donahue / Flickr
19. New blank books / Paperama / Flickr



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