

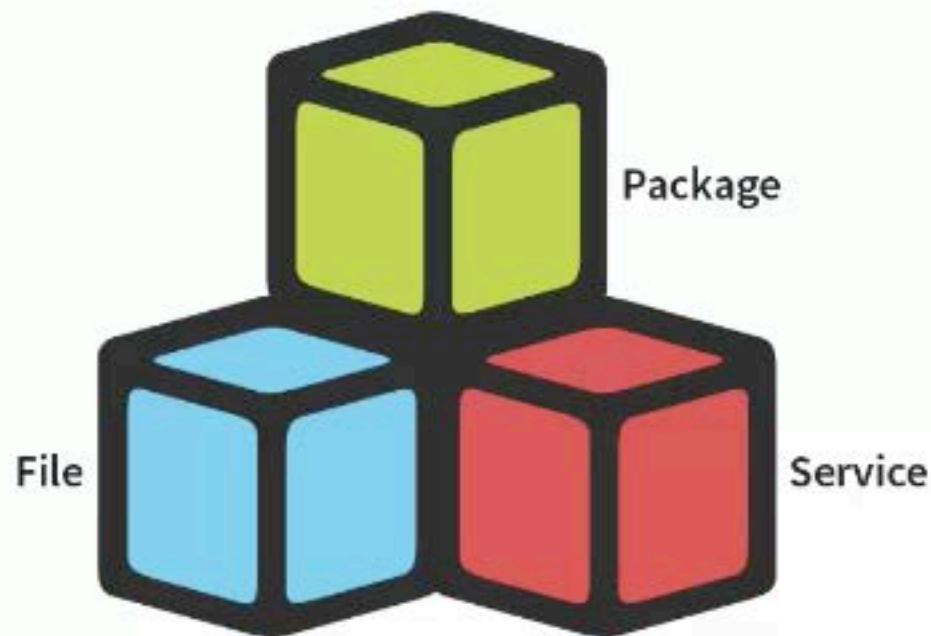
Puppet {General}

Autoloading

01-1103

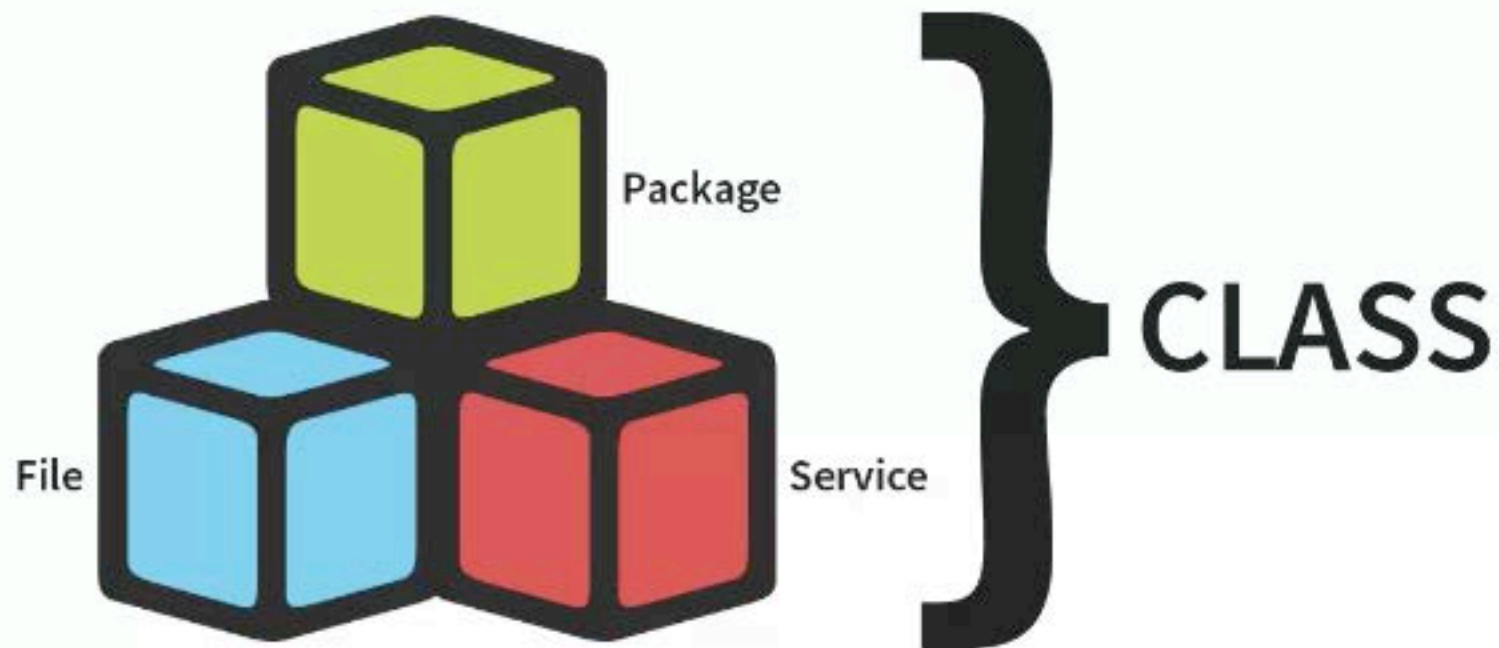


RESOURCES

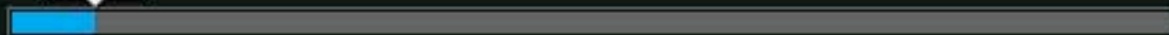




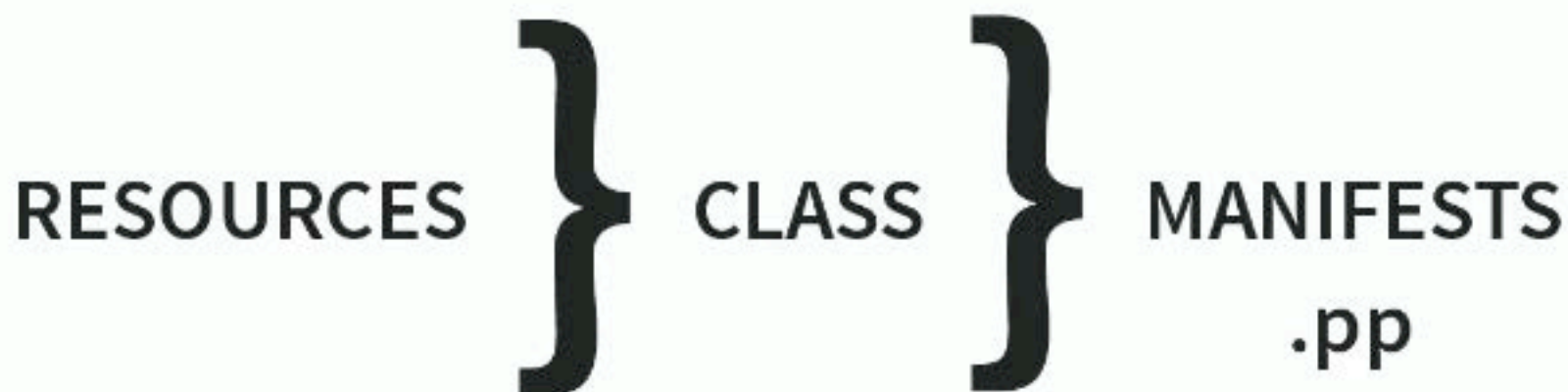
RESOURCES



00:16

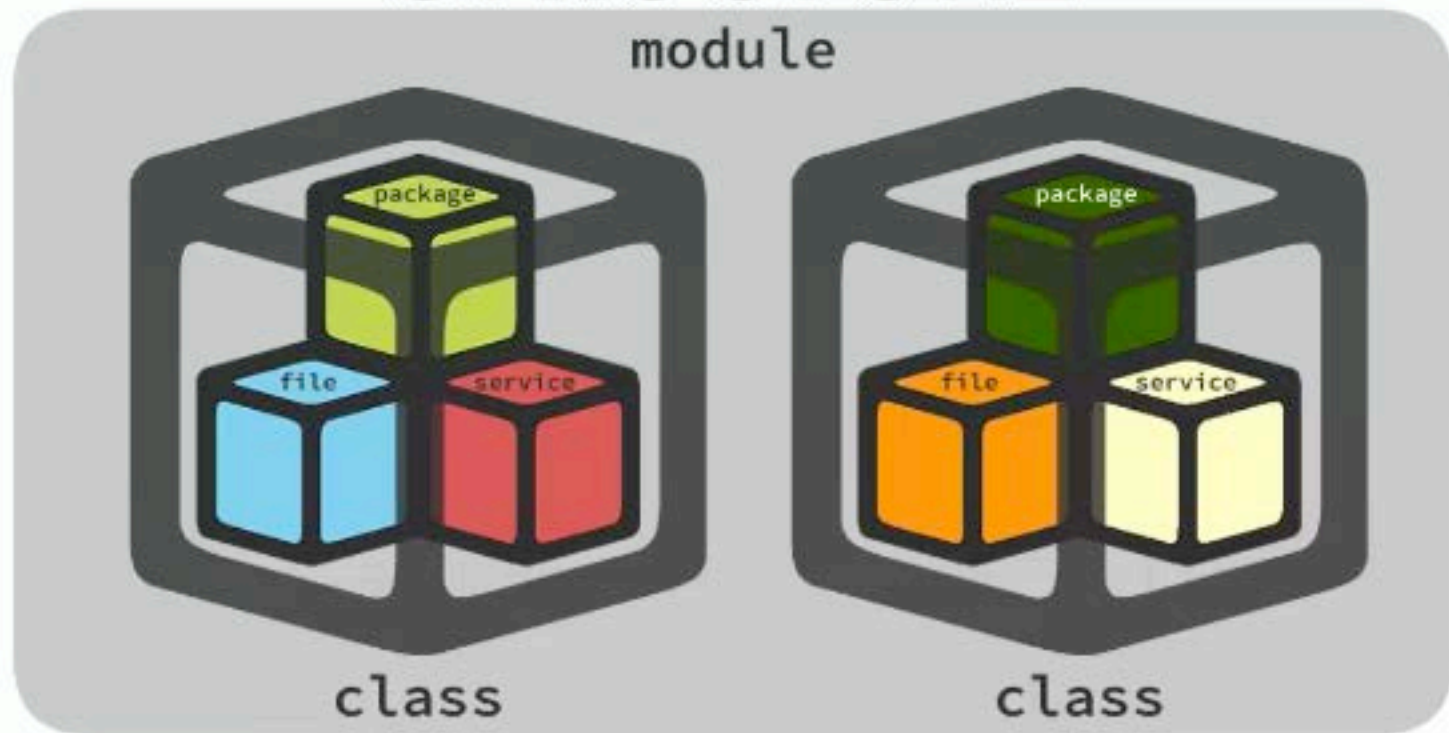


STRUCTURE



STRUCTURE

module



STRUCTURE

MODULE = DIRECTORY TREE

```
module-name  
├─ manifests/  
├─ files/  
├─ templates/  
├─ lib/  
├─ tests/  
└─ spec/
```

STRUCTURE

MODULE = DIRECTORY TREE

module-name

├ manifests/

├ files/

├ templates/

├ lib/

├ tests/

└ spec/



Contains all of the manifests in the module. This directory should contain an **init.pp** manifest, where the class name matches the module name.

STRUCTURE

MODULE = DIRECTORY TREE

module-name

├ manifests/

├ files/

├ templates/

├ lib/

├ tests/

└ spec/



Contains static files,
which managed
nodes can download.

STRUCTURE

MODULE = DIRECTORY TREE

```
module-name  
├── manifests/  
├── files/  
├── templates/  
├── lib/  
├── tests/  
└── spec/
```



Contains templates,
which the module's
manifests can use.

STRUCTURE

MODULE = DIRECTORY TREE

```
module-name  
├── manifests/  
├── files/  
├── templates/  
├── lib/  
├── tests/  
└── spec/
```



Contains plugins, like
custom facts and
custom resource types.

STRUCTURE

MODULE = DIRECTORY TREE

```
module-name  
├── manifests/  
├── files/  
├── templates/  
├── lib/  
├── tests/  
└── spec/
```

Contains examples
showing how to
declare the module's
classes and defined
types.



STRUCTURE

MODULE = DIRECTORY TREE

```
module-name  
├── manifests/  
├── files/  
├── templates/  
├── lib/  
├── tests/  
└── spec/
```

Contains spec tests for
any plugins in the lib
directory.



MODULEPATH

modulepath = configuration setting to specify the location of your modules

By default, the modulepath is: **\$confdir/modules**
where **\$confdir** is the main Puppet configuration directory.

default Puppet **\$confdir** = **/etc/puppet**

default Puppet Enterprise **\$confdir** = **/etc/puppetlabs/puppet**

MODULEPATH

Puppet modulepath =
/etc/puppet/modules

Puppet Enterprise modulepath =
/etc/puppetlabs/puppet/modules

MODULEPATH

Puppet modulepath =
/etc/puppet/modules

Puppet Enterprise modulepath =
/etc/puppetlabs/puppet/modules

```
$> puppet config print modulepath
```


SO WHAT?

AUTOLOADING

```
module-name  
├─ manifests/  
├─ files/  
├─ templates/  
├─ lib/  
├─ tests/  
└─ spec/
```

AUTOLOADING



PUPPET
RUN



COMPILES
CATALOG



LOADS
MODULES

Thanks for participating in

Autoloading

