Puppet v3 and Hiera

LOAD

2013-04-07
Antwerpen, BE

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whoami

...not a graphic designer

What's new in v3?

it looks different

What's new in v3?

Ruby **1.9.3** fully supported
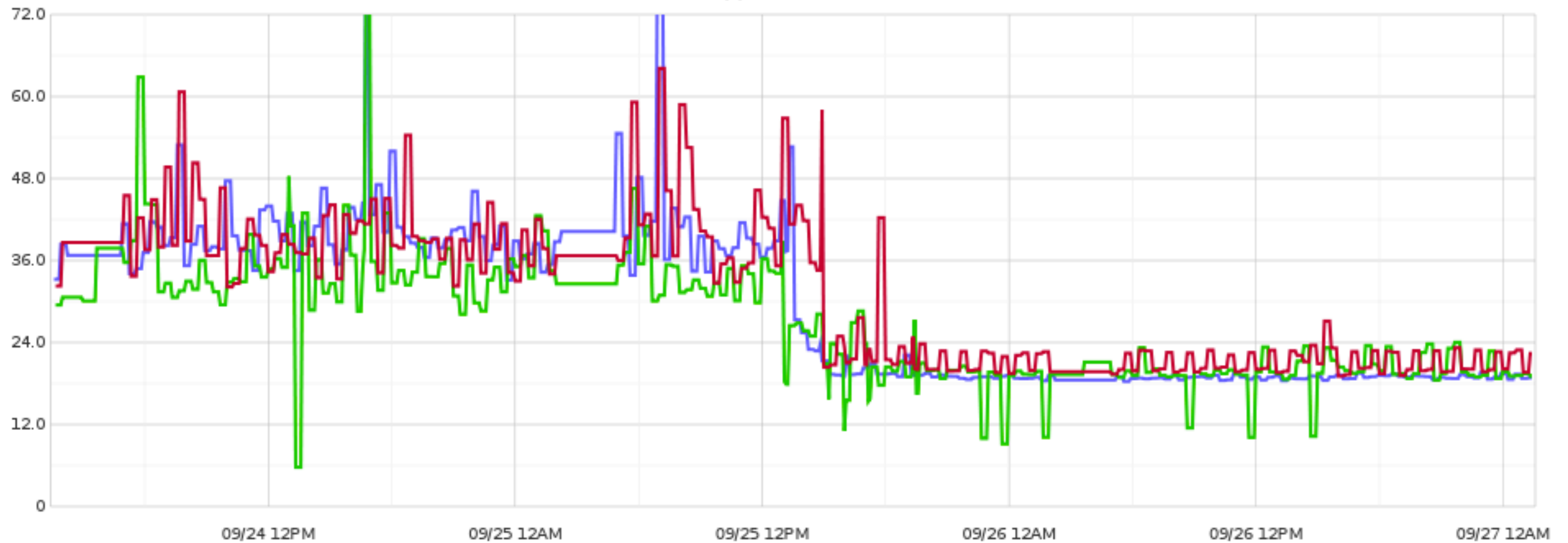
What's new in v3?

Better support for **Windows** and **Solaris**

What's new in v3?

puppet kick warns
about deprecation

What's new in v3?

Speed

What's new in v3?

Adrien Thebo
http://somethingsinistral.net/blog/the-angry-guide-to-puppet-3/

What's new in v3?

dynamic scoping

What's new in v3?

dynamic scoping
Gone!

scoping

```
include dynamic

class dynamic {
  $var = 'from dynamic'
  include included
}


class included {
  notify { $var: }               # deprecated
  notify { $dynamic::var: } # correct
}
```

What's new in v3?

looking up your data

data lookup precedence

```
# class defaults
class foo (
 attribute = 'module_default',
) {

 …
}
```

data lookup precedence

```
# passing a value with
# parameterized classes
class { 'foo':
 attribute => 'param_data',
}
```

data lookup precedence

Hiera
<whatever>.yaml

foo::attribute: "no data in code"

Hiera

Wait.. What's Hiera?

aka

demo time

Style

Why <u>declaring</u> parameterized classes **is evil**

data in code :(

```
class { 'common':
 root_password => 'mypass',
}
```

Style

Why <u>defining</u> parameterized classes **is awesome**

sane defaults :)

```
class common (
  root_password = 'puppet',
) {
  ...
}
```

Style

Why <u>defining</u> parameterized classes is **really awesome**

data lookups in Hiera

```
common::root_password: mysecret
```

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