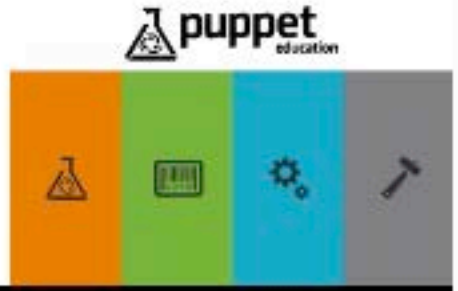
Technologies {Facter}

An Introduction to Facter

03-4101



Facter

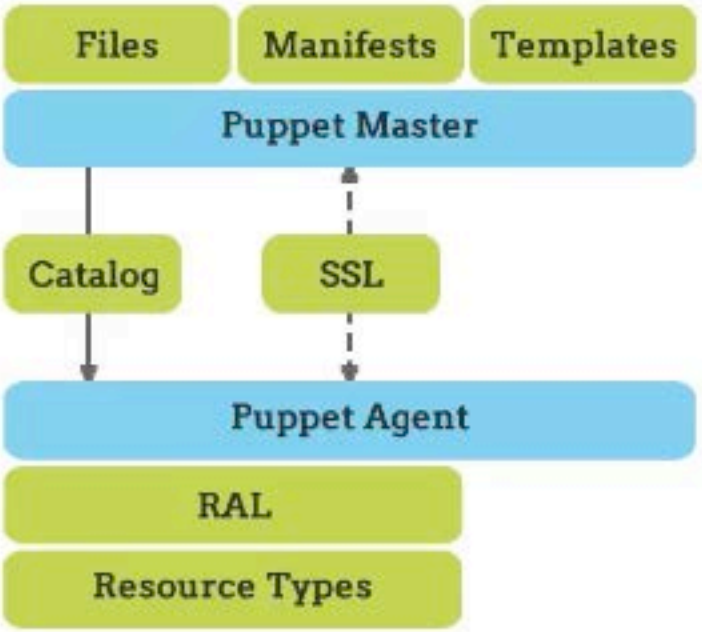
Cross-platform system profiler

Gathers basic node information

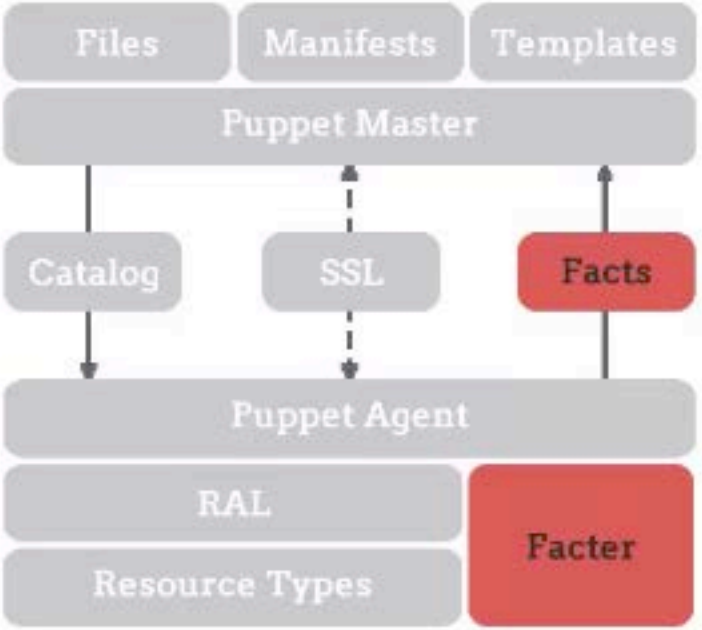
- hardware
- operating system

Facter

ARCHITECTURE



ARCHITECTURE



PAIRS

```
key => value
```

```
architecture => x86_64
ipaddress => 172.16.10.1
kernel => Linux
operatingsystem => Ubuntu
```

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Key-value pairs are called **facts**.

TOP SCOPE VARIABLES

```
$<fact name>
```

```
$architecture
$ipaddress

${::architecture}
${::ipaddress}
```

CUSTOM FACTS

hardware_platform.rb

```
Facter.add("hardware_platform") do
  setcode do
    Facter::Util::Resolution.exec('/bin/uname -i')
  end
end
```

EXTERNAL FACTS

Fact Location:

Puppet

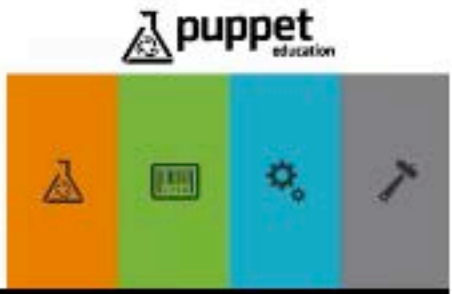
`/etc/facter/facts.d/`

Puppet Enterprise

`/etc/puppetlab/facter/facts.d/`

```
# my_external_facts.txt
key1=value1
key2=value2
key3=value3
```

puppet labs

Thanks for participating in

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