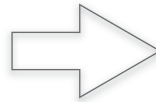
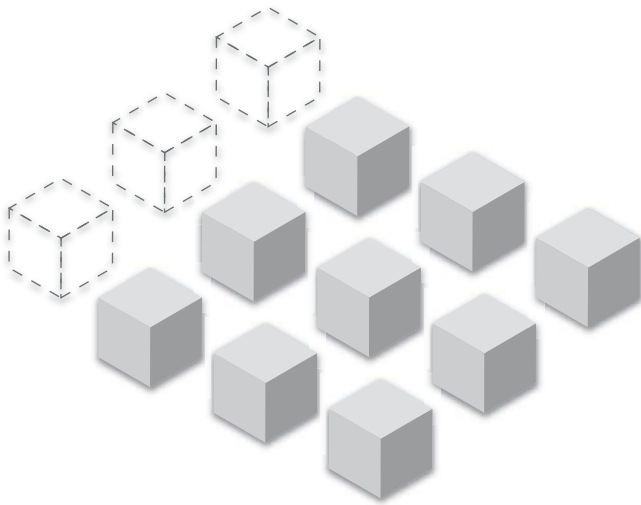


# PUPPET

Puppet lets you centrally manage every important aspect of your system using a cross-platform specification language that manages all the separate elements normally aggregated in different files

## PROBLEM SCALING YOUR INFRASTRUCTURE?

WITH PUPPET DO IT WAS NEVER SO EASY.



### WHAT IS "CONFIGURATIONS MANAGEMENT"?

Configuration management (CM) is a field of management that focuses on establishing and maintaining consistency of a product's performance and its functional and physical attributes with its requirements, design, and operational information throughout its life.<sup>1</sup>

### WHAT IS "PUPPET"?

Puppet lets you centrally manage every important aspect of your system using a cross-platform specification language that manages all the separate elements normally aggregated in different files, like users, cron jobs, and hosts, along with obviously discrete elements like packages, services, and files.

Puppet's simple declarative specification language provides powerful classing abilities for drawing out the

similarities between hosts while allowing them to be as specific as necessary, and it handles dependency and prerequisite relationships between objects clearly and explicitly.<sup>2</sup>

### WHAT IS "PUPPET-TEAM"?

Puppet-team is an extension of puppet, made by Byte-Code, to scale the ability of configuration management systems to fit (and fix) the most common problems on very large environments (like security, authorizations, delegation, disaster recovery, users traceability, etc...)

### WHO NEEDS IT?

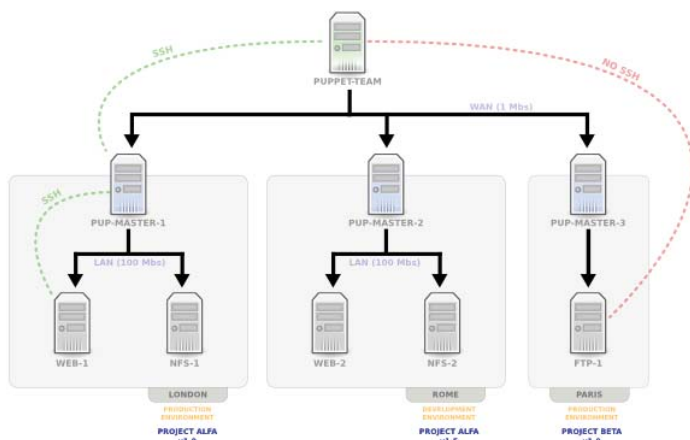
All enterprise-size companies need to provide an agile method to provision, configure and deploy new servers, applications and, in general, new systems.

- ▶ Enterprise
- ▶ Big-Enterprise

- ▶ Large scale environment (ISP, Telco...)

### KEY FEATURES

- ▶ Cross platform (\*nix systems)
- ▶ Support for Dynamic configurations
- ▶ Provisioning (kickstart files, Cobbler, RH Satellite compliant)
- ▶ Support for different profiles, groups and node aggregations
- ▶ Common configuration language for different operation systems
- ▶ Enhanced template



## SUPPORTED OPERATING SYSTEM

- ▶ **RedHat Enterprise Linux** (4 or greater)
- ▶ **CentOS** (4 or greater)
- ▶ **Darwin** (8.9.1 or greater)
- ▶ **Debian** (3.1 or greater)
- ▶ **Fedora Core** (2 or greater)
- ▶ **FreeBSD** (4.7 or greater)
- ▶ **Gentoo Linux** (x86\_64)
- ▶ **Mandriva Corporate Server** (4 or greater)
- ▶ **OpenBSD** (4.1 or greater)
- ▶ **Oracle Linux** (4 or greater)
- ▶ **Sun Solaris** (7 or greater)
- ▶ **SuSE Linux** (8 or greater)
- ▶ **SuSE Linux Enterprise Desktop** (10 or greater)
- ▶ **Ubuntu** (7.04 or greater)

## WHO WOULD FIND PUPPET USEFUL?

Any organization that would like to reduce the cost of maintaining its computers could benefit from using Puppet. Generally, an organization should be using server automation if any of the following are true:

- ▶ It has high server administration costs
- ▶ It pays a high price for downtime, either because of contracts or opportunity cost
- ▶ It has many servers that are essentially either identical or nearly identical
- ▶ Flexibility and agility in server configuration are essential

## LICENSE

Puppet is open source and is released under the GNU Public License (GPLv2).

## ABOUT PUPPET...

### ■ Puppet is system administration AUTOMATED.

### ■ Puppet speaks the local language

Puppet lets you perform normal administrative tasks (*such as adding users, installing packages, and updating server configurations*) on any number of systems, even if those systems are

running completely different operating systems. Through the use of providers, Puppet takes a generic instruction from you (*such as ensuring MySQL is installed*) and performs the task the “right way” for each system.

### ■ Administer One Server or 1,000

Whether you have a small, heterogeneous network of user workstations or a cluster of rack-mounted number-crunchers, Puppet can help reduce your overhead and get the everyday management of your network under control so you can concentrate on the real problems.

### ■ The Robustness of Open Source

Our commitment to developing Puppet as an Open Source product means you’ll always have free access to the latest version of Puppet’s source code. And because Puppet’s source code is available to anyone, community developers are continually contributing to the stability and functionality of Puppet.

### ■ Powerful, Flexible, Extensible

New providers and new functionality are being added to Puppet all the time, and since Puppet’s providers are written entirely in Ruby, many developers already have a head start in writing their own custom extensions — and because it’s Open Source, developers from around the world can contribute their solutions back to the project, making everyone’s existing solutions better.

### ■ Repeatable Configurations

By using Puppet’s unique, declarative language to describe your systems’ configuration, you can easily reproduce any configuration on any number of additional systems, sometimes without even changing a single line of your Puppet manifest.

## CONTACT US:

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