



CentOS Config Management Sig

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ConfigMgmtCamp

February 1st, 2016

whoami

- Julien Pivotto
- sysadmin at Inuits
- CentOS user
- Puppet user

Configuration Management

- Puppet Chef Ansible Saltstack Juju ...
- Deeply linked with the OS
- From the start
- During the life
- Until the EOL

Where do you get the tools

- Vendors
- EPEL
- make install
- Gem/Pypi/Pear

YAG (Yet another gap)

- Regular/Commodity users -> EPEL/OS
- (here is the gap)
- Advanced users -> Vendors
- Power users -> Vendors or on their own

Vendors packages

- Where is the SRPM?
- Where is the buildchain?
- Where are the buildlogs?
- What are you installing on my machine?
- How can I rebuild?

We depend on those tools

- They have bugs
- We NEED to be able to rebuild/patch
- ...quickly
- ...everything
- ...without learning a new toolchain
- ...and to know what is inside

CentOS

- CentOS everything!
- From a RH rebuild to a platform
- Open to the community
- Open-Source minded

Centos as an Infra

- Provides public build system
- Mailing lists, git repos..
- Everything needed to build software

Centos as a Project

- Brilliant people
- Very large userbase
- Visibility

SIG

- Software Interest Group
- Group of people who work together
- Focused on one topic
- Release RPM's

Let's make a CFGMGMT SIG!

- Everyone is welcome
- Open-Source
- Lifecycle/ConfigMgmt/Orchestration ecosystem

Objectives

- Recent version
- Advanced and automated testing
- RPM packaging guidelines

What would we ship

- Spec files, RPM, SRPM
- Extra dependencies not in CentOS
- Repositories / Meta packages

How would we ship

- Public git repositories
- Public build toolchain
- Public test results

Avoid duplicating the work

- Send patches to upstream
- Work with Fedora/EPEL/...
- Reuse and run upstream tests

Benefits: CentOS Community

- Easy access to cfgmngmt tools
- Involve cfgmngmt world in CentOS
- Improvements to the ecosystem/buildchain
- "Official" CentOS cfgmngmt-enabled images
- Reuse of cfgmngmt tools in other SIG

Benefits: Cfgmngmt Users

- Latest version available "directly"
- Packages tested for/by the distro
- Easy patch and rebuild in your infra
- Choice within the distro

Benefits: Vendors

- Visibility
- More feedback about latest releases
- Improvement of code/testing
- Feedback from SIG
- Testing with latest/next CentOS

Join us

- wiki.centos.org
- centos-devel@centos.org
- [#centos-devel](https://twitter.com/centos-devel)