OpenVox - the new Puppet Open Source
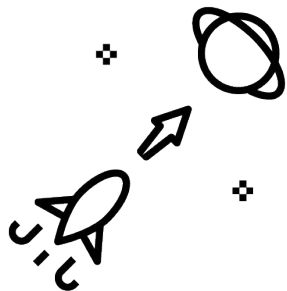
Martin Alfke
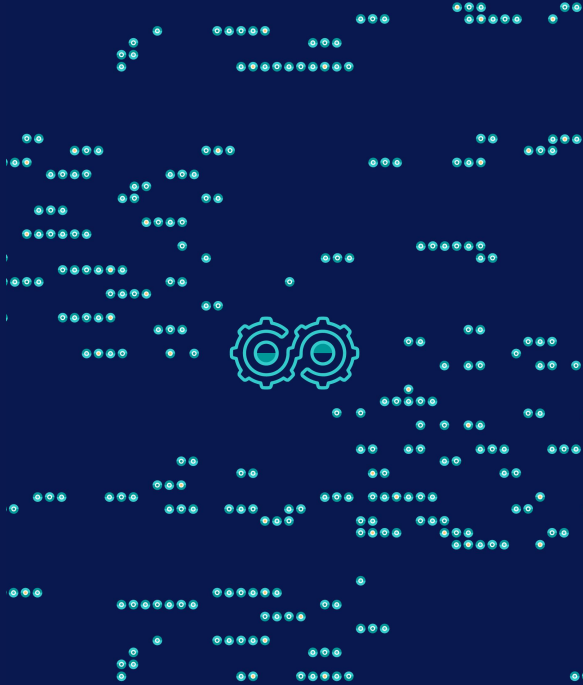<ma@betadots.de>

OpenVox - the new Puppet Open Source

Martin Alfke
CEO/Consultant/Trainer at betadots GmbH
Berlin, Germany

• Datacenter Automation, Consulting and Training
• GIT, Puppet, Foreman/Katello, Linux HA Trainings
• tuxmea (GitHub, Slack)

Puppet Open Source and Community

Puppet Open Source

License

- 2005: GPL
- 2011: (Puppet 2.7) Apache 2.0 (Puppet Enterprise)
- 2025: Proprietary Software (Closed Source)

Owner

- Reductive Labs -> Puppet Labs -> Puppet
- Perforce (since 2022)

Puppet Open Source Community

2013: founded (puppet-community)

- collaboration on Puppet module development
- unified pipelines and code synchronisation (module_sync)
- events

2015: renaming to Vox Pupuli (legal reasons)

Actual: 217 maintainers for 335 repositories (1st July 2025)

Open Source Community and Puppet Business

Open Source Community and Puppet Business

- collaboration on Puppet Module development
- development of test frameworks (Lint, RSpec-Puppet) and plugins
- collaboration on PuppetLabs Modules

When Luke Kanies was pushed off, problems started:

- now answers or slow responses

Since Perforce acquired Puppet, things got worse:

- blocking community admins from Puppet-Community Slack

Open Source Community and Puppet Business

November 2024:

- Information from Perforce regarding an upcoming license change

November 2024 to March 2025 (Vox Pupuli Monthly Sync):

- Questions regarding EULA - EULA(s) were provided in February and March
- Question regarding trademarks and Library API - "Puppet" is a Registered Trademark

Puppet EULA(s)

User EULA (https://forge.puppet.com/eula)

- max 25 Nodes
    - 3.1: Each Managed Node in excess of twenty-five (25) requires the purchase of one subscription license for the applicable Software.
- no error analysis
    - 2.2: Customer shall not: (i) reverse engineer or otherwise attempt to discover the source code or human readable data or underlying ideas or algorithms of the Software
- no support
    - 4.1: The Software does not come with a standard support services package for the Software

Date: 1st July 2025

Puppet EULA(s)

Developer EULA
(https://www.perforce.com/system/files/2025-02/Puppet-Core-Developer-Program-License-Agreement.pdf) - same as User EULA

- no Public CI Pipelines
  - 2.2 Developer may not use the Software other than for (i) publication to the Puppet forge, or (ii) for the Developer's customer's use only
- Modul publication on Puppet Forge or on GitHub
  - 2.4 modules are created for (i) publication to the Puppet forge, or (ii) for the Developer's customer's use only

Date: 1st July 2025

Puppet EULA(s)

"bastelfreak: no"

The Community can not accept the EULA

Legal reasons are also a part of this decision

https://voxpupuli.org/blog/2025/05/19/perforce-eula/

Puppet Registered Trademark

End 2024:

- Perforce Legal: the term "Puppet" must be removed!
- Community asks: also "lib/puppet"?

2025:

- Perforce says: Packages may not have the name Puppet
- "lib/puppet" is an API and OK to continue to use
- "puppet" CLI is OK - maybe (similar to MariaDB)

- How about Facter, RSpec-Puppet, Puppet-Lint?

Open Source Community and Puppet Business

bastelfreak 🦊 6:05 PM
Hey hey

Do you have any news on the future of facter?

josh 🔧 6:11 PM
Hey sorry no new news

bastelfreak 🦊 7:02 PM
No bot announcement in advance? Now I'm not prepared! :D

any update on the future of facter?

josh 🔧 7:03 PM
I haven't heard anything

bastelfreak 🦊 7:06 PM
okay

Do you know if perforce is interested in having tools like rspec-puppet being compatible?

josh 🔧 7:09 PM
I would assume so, but probably best to talk during the next sync

bastelfreak 🦊 7:24 PM
o/

o/ 1

Do you have any update on the future of facter, facterdb, rpsec-puppet, puppet-lin

josh 🔧 7:26 PM
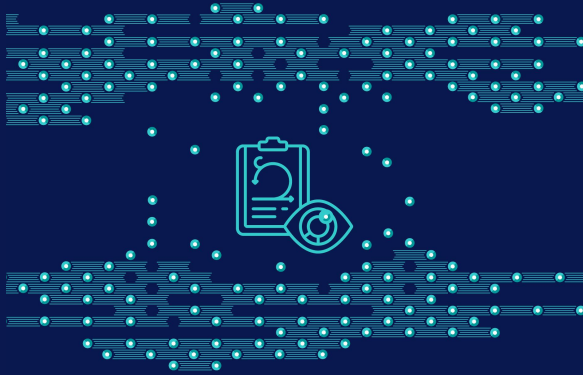sorry I haven't heard anything since last office hours

bastelfreak 🦊 7:28 PM
Hi, do you have any update on facter?

josh 🔧 7:31 PM
Sorry, I haven't heard of any new news.

Reactions of the Community

Puppet Open Source Community

End 2024:

- ~50 Community developer met
- Overlook Infratech (Ex-Puppet) explains their plans
- many former Puppet developer and community members can and want to support
- Universities say: "We have developers, we only need the issues, but we don't do the planning."
- Voxpupuli Sponsoring

Community determines, that it is possible to continue development!

Puppet Open Source Community

Beginning 2025:

- CfgMgmtCamp:
    - Project Kick-Off https://voxpupuli.org/openvox/
    - https://media.ccc.de/c/cmc2025
- GitHub: Enterprise Sponsoring for Vox Pupuli - 500 Runners
- University Oslo: This is your Puppet managed Kubernetes Cluster (e.g. for GitHub Runners) - 256 Cores, 1 TB RAM

Puppet Open Source Community

2025 Q2:

- Clone all public PuppetLabs GitHub repositories to
  https://github.com/openvoxproject
- Public Pipelines for packages - Rebuild
- Renaming from Puppet to OpenVox (package names)
- Remove puppetlabs_spec_helper from CI pipelines (28. May 2025)
- OpenVox Ruby Gem (30. May 2025)
- Ruby 3.4 and JRuby 10 (WIP)

Puppet Open Source Community

2025 Q2:

- Fork of facter (OpenFact)
- Fork of Bolt (OpenBolt)

2025 (in planning):

- Rename CLI from puppet to openvox
- Compat package (symlinks puppet -> openvox)
- Removal of unmaintained libraries
- Switching all Vox Pupuli tests to new gems

Puppet Open Source Community

2025 (Planning):

- OpenFact Release - Hi Ansible!
  (https://github.com/ansible-collections/community.general/blob/main/plugins/modules/facter.py#L73)
- there is more to come ....

Summary

OpenVox is Puppet

Drop-in replacement

- same paths, identical config, same CLI
- New OS support:
    - Ubuntu 18 - 24
    - Debian 10 - 13
    - EL 7 - 10
    - Fedora 36 - 42
    - SLES 15
    - Mac OS 15 (atm arm64 only)
    - Windows 64bit
- https://voxpupuli.org/openvox/install/

Date: 1st July 2025

OpenVox Containers

Puppet Containers are no longer maintained (GitHub Archived).

New containers:

- OpenVox Server Container
- OpenVox DB Container

https://github.com/voxpupuli/crafty

Containers are available from GHCR and Docker Hub

- OpenVox Containers on Docker Hub are Sponsored OSS (no Rate-Limit)

OpenVox Future

Planning:

-   Fork all Tools (Facter, rspec-puppet, Puppet-Lint?)
-   Switch of license (for new code) -> AGPL?
-   Communities switching (Foreman, Debian, Arch)

All planning takes place in GitHub:

https://github.com/orgs/OpenVoxProject/projects/3

OpenVox is more than Open Source

Free Software!

Worldwide Community.

Commercial Support in USA and EU.

How do you manage your data center?

    Foreman and Vox Pupuli Communities collaborate.

OpenVox Support

https://voxpupuli.org/openvox/support/

- Overlook Infratech - USA
- betadots GmbH - DE
- ATIX AG - DE
- Enterprise Modules - NL
- Xyntion GmbH - DE
- S & S Consulting Group - USA

https://voxpupuli.slack.com/ und ircs://irc.libera.chat:6697/voxpupuli
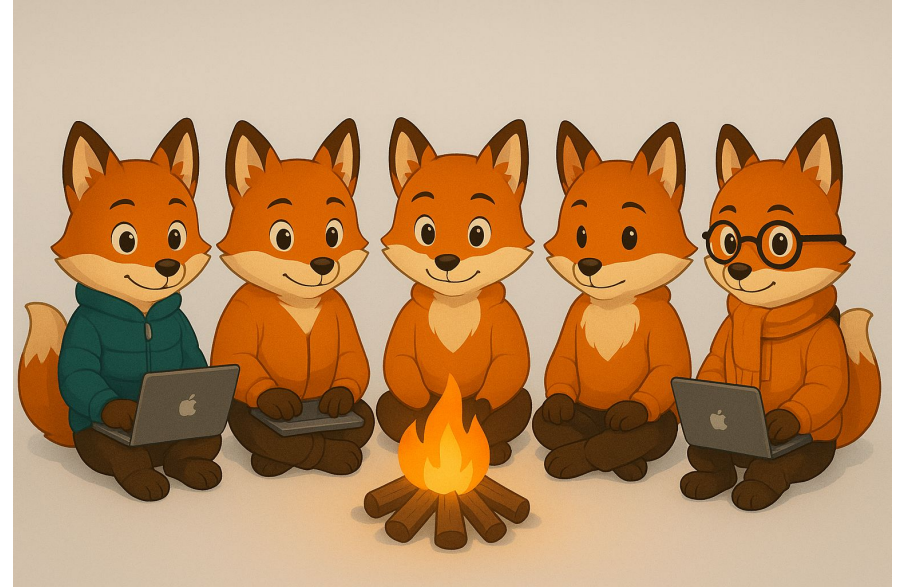
- IRC-Puppet-Community-Slack and IRC-VoxPupuli-Slack bridges!

VoxConf 2025 - USA

Planned:

Boston/MA USA
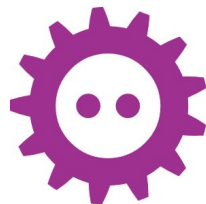
Q3/Q4 2025

Planned:

Attending FOSDEM (Brussels, Belgium) date TBD
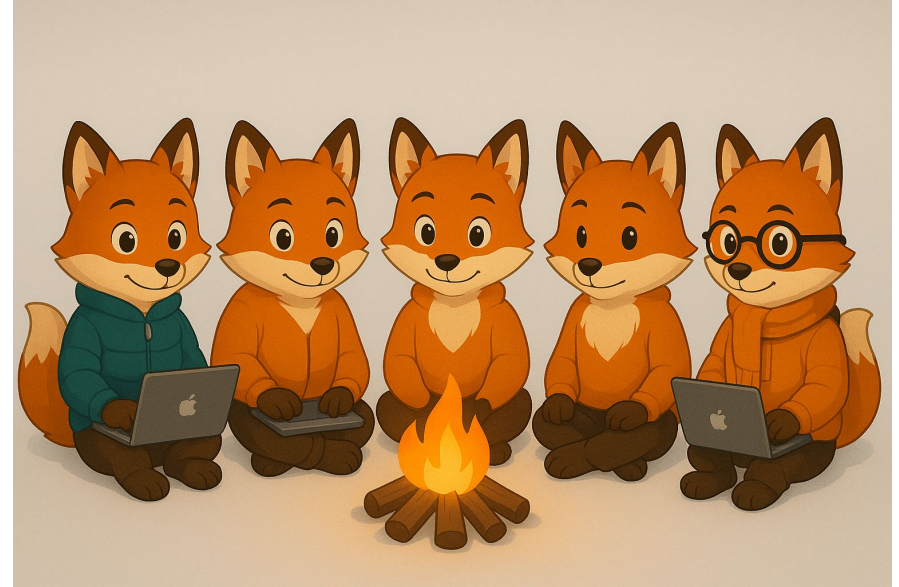
and

CfgMgmtCamp (Ghent, Belgium)

2.-4. February 2026

https://cfgmgmtcamp.org

planned:

Berlin Germany

Q2/Q3 2026

beladots

Matz Is Nice And So We Are Nice.

"Matz" is short for the creator of Ruby, Yukihiro Matsumoto.

The anagram reminds us as a community to be respectful and helpful to others.

OpenVox - the new Puppet Open Source!

Enjoy VoxConf!