

Vox Pupuli - Die Community hinter Puppet

OSAD 2019 Edition

\$ whoami

- Tim 'bastelfreak' Meusel
- DevOps Engineer at GoDaddy EMEA
- Puppet Contributor since 2012
- Merging stuff on Vox Pupuli since 2015
- Vox Pupuli PMC member

Vox Pupuli

- Maintain many many Puppet modules

What?



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Vox Pupuli

What?

- Maintain many many Puppet modules
- Be helpful and polite to each other

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Vox Pupuli

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- Be helpful and polite to each other
- Be open-minded to people and technology

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Vox Pupuli

What?

- Maintain many many Puppet modules
- Be helpful and polite to each other
- Be open-minded to people and technology
- Provide a home for orphaned Puppet modules

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Vox Pupuli

What?

- Maintain many many Puppet modules
- Be helpful and polite to each other
- Be open-minded to people and technology
- Provide a home for orphaned Puppet modules
- Unite lonely module and tooling authors to a collective

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Vox Pupuli

What?

- Maintain many many Puppet modules
- Be helpful and polite to each other
- Be open-minded to people and technology
- Provide a home for orphaned Puppet modules
- Unite lonely module and tooling authors to a collective
- Ensure continued development for our code

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What?

Who?

- Currently 142 people with merge permissions
 - We were 113 in February 2018
 - We were 107 in October 2017
 - We were 80 in November 2016
- Just a few people work for Puppet Inc.
- Most of the contributors participate in their free time
- Normal administrators that have to deal with puppet at work

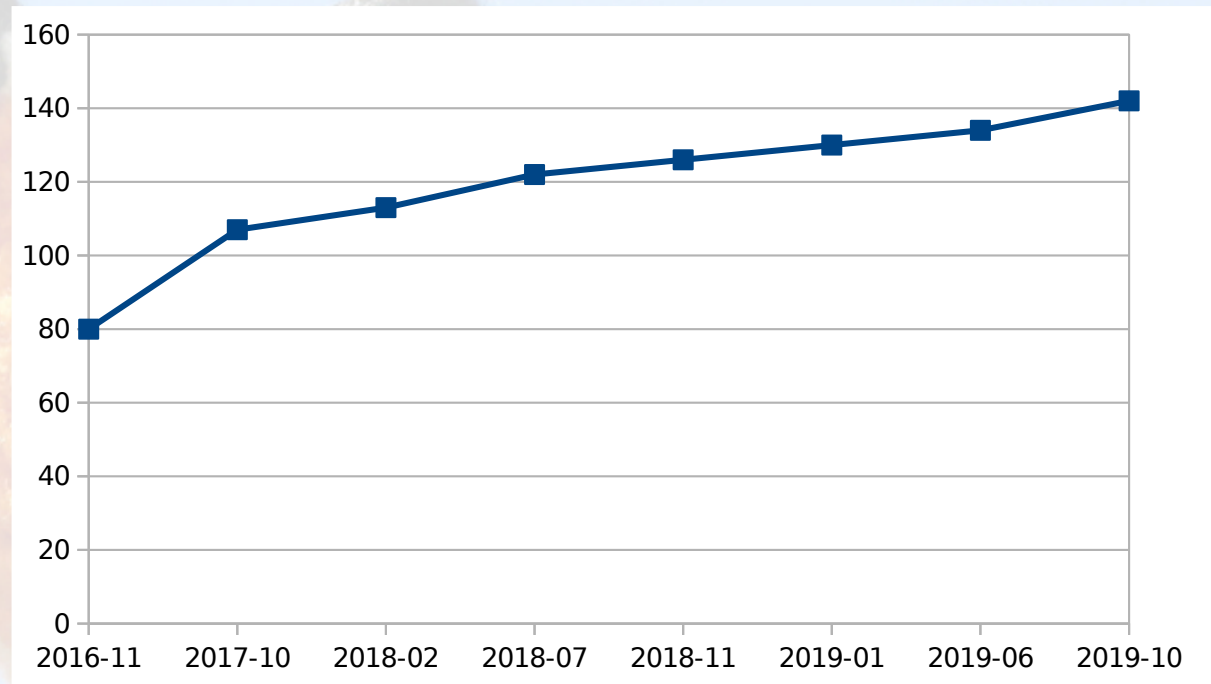
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Science!

What?

Who?



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What?

Who?

- Many git newbies
 - Rebasing a feature branch against upstream master is hard
- Many newcomers to test frameworks
 - Dealing with rspec/rubocop/beaker is hard as well
- Many administrators of legacy infrastructures
 - Stuff older than Puppet 5 without proper hiera5/datatype support

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What?

Who?

Why?

- Maintaining a module on your own is hard
 - Changing best practices, vacations, losing interest
- Proper testing of a module requires a lot of stuff from the ruby ecosystem
 - Ruby ecosystem and related tools are changing too fast for a single person
 - Everything has to work on multiple Ruby/Puppet versions
 - Rubocop
 - Rubocop

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modulesync

What?

- We are managing 117 puppet modules and (178 git repos)

Who?

- modulesync was developed by Puppet Inc, moved to Vox Pupuli

Why?

- It takes a config file + templates, throws it into every modules git repo

How?

- Automatically creates GitHub Pull Requests (with labels \o/)
- Everybody can start it
- Every of our Collaborators can approve/merge it

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travis-ci.org

What?

Who?

Why?

How?

Build Jobs					
✓ # 562.1		</> Ruby: 2.1.9	 PUPPET_VERSION="~> 4.0" CHECK=test	🕒 3 min 24 sec	
✓ # 562.2		</> Ruby: 2.4.1	 PUPPET_VERSION="~> 5.0" CHECK=test	🕒 1 min 47 sec	
✓ # 562.3		</> Ruby: 2.4.1	 PUPPET_VERSION="~> 5.0" CHECK=rubocop	🕒 1 min 36 sec	
✓ # 562.4		</> Ruby: 2.4.1	 PUPPET_VERSION="~> 5.0" CHECK=build DE	🕒 1 min 19 sec	

- Free CI platform
- Puppet Inc. sponsors us up to 20 concurrent travis slots
- rpsec-puppet on common Puppet*Ruby versions
- release modules to the forge
- beaker acceptance tests

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Release task

What?

- Gem called voxpupuli-release

Who?

- provides rake tasks to create a git tag + update the version of a module

Why?

- Also pushes the artifact to forge.puppet.com

How?

- New: Git Tags are required to have a GPG signature
- Upcoming: Also create a github release

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Tooling

What?

- https://github.com/underscorgan/community_management

Who?

- Open Issues and PRs sorted in different ways

Why?

- <https://voxpupuli-open-prs.herokuapp.com/>

- Also open PRs

How?

- <https://github.com/voxpupuli/thevoxfox>

- IRC bot, allows us to merge stuff + trigger modulesync (soon, maybe)

- <https://github.com/bastelfreak/contributorstats>

- count contributions

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Tooling

What?

- Label open issues and PRs

Who?

Why?

How?

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Tooling

What?

- Label open issues and PRs

Who?

- Ping contributors to rebase their PR

Why?

How?

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Tooling

What?

Who?

Why?

How?

- Label open issues and PRs
- Ping contributors to rebase their PR
- Ping contributors to check the failed CI jobs

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Tooling

What?

Who?

Why?

How?

- Label open issues and PRs
- Ping contributors to rebase their PR
- Ping contributors to check the failed CI jobs
- Yak Shaving: update metadata.json / run modulesync

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Tooling

What?

Who?

Why?

How?

- Label open issues and PRs
- Ping contributors to rebase their PR
- Ping contributors to check the failed CI jobs
- Yak Shaving: update metadata.json / run modulesync
- We now have a tool for that \o/

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Tooling

What?

- Ruby on Rails application at voxpupu.li

Who?

- Kudos to [Robert Müller](#) for his work!

Why?

- Gets push notifications from GitHub for all events

- New pull request / Issue

How?

- Activity in a PR / new merge conflicts

- Interacts with the GitHub API based on the events

- Generates a list of tasks for manual jobs

- In active development / beta

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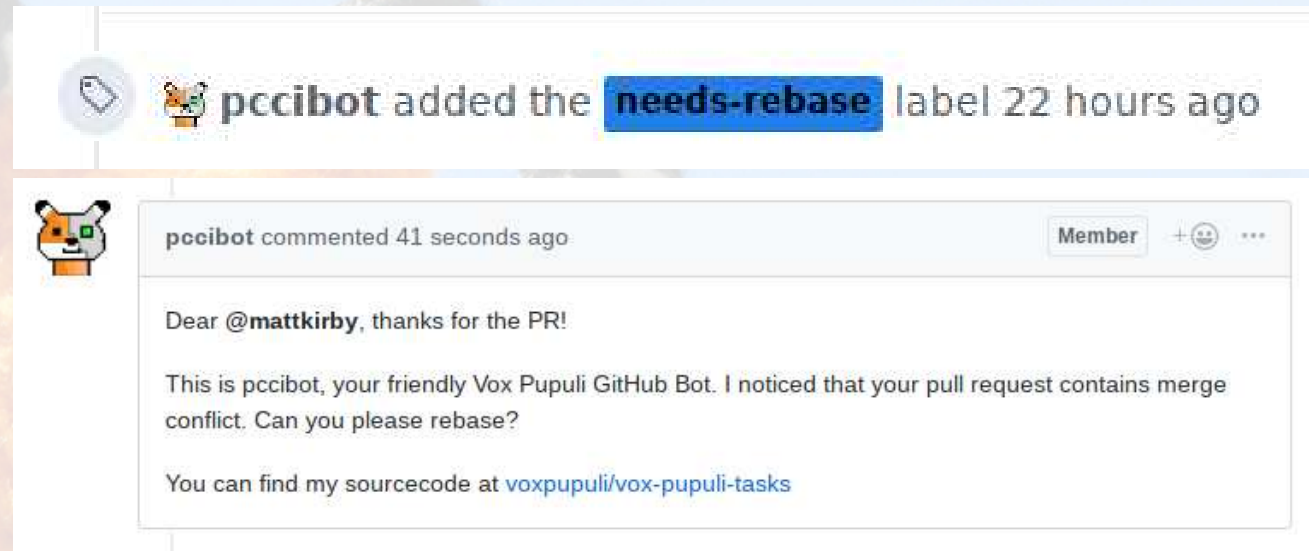
Tooling

What?

Who?

Why?

How?



Sourcecode at github.com/voxpupuli/vox-pupuli-tasks

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Docs

What?

- Review Guidelines: <https://voxpupuli.org/docs/#reviewing-a-module>

Who?

- puppet-strings generated markdown docs in more and more modules, for example

Why?

How?

- puppet-selinux
- puppet-autofs
- puppet-mumble
- puppet-cassandra
- puppet-rabbitmq
- puppet-ferm
- puppet-rsyslog
- puppet-borg
- puppet-corosync

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PMC

- We elected a third Project Management Committee in 2019!
- PMC enforces CoC
- Brings Vox Pupuli into the Software Freedom Conservancy + works on funding
- PMC guidelines are created by the community
<https://tinyurl.com/voxpupuli-governance-md>
- Current members:
 - Tim 'bastelfreak' Meusel (reelected)
 - David 'dhollinger' Hollinger (reelected)
 - Alex 'afisher' Fisher (reelected)
 - Lee 'friedbob' Lowder
 - Nate 'natemccurdy' McCurdy

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PMC

Collaborators

- Review pull requests
- Explain why we don't support ruby187 anymore
- New: Explain why we don't support Puppet 3 and Puppet 4 anymore
- Help with git
- Trigger the automated release process
- New: Use our awesome Rails app to identify important tasks / automate as much as possible with it

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Vox Pupuli

Daily Business



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Vox Pupuli

Daily Business

Broken Stuff

- Vox Pupuli is the place to be if something is broken
 - puppetlabs-stdlib
 - puppetlabs-stdlib again
 - puppetlabs-apt
 - puppet-systemd
 - rspec-puppet
 - New Puppet Agent releases

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Vox Pupuli

Daily Business

Broken Stuff



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Summary

- We have great tooling and automation
- We have great people
- You need help with Puppet?
 - Let us know, we help out!
- You have an orphaned module or know one?
 - Ping us, migrate it to us
- You have domain specific knowledge?
 - Ruby, Python, Rspec, Beaker, \$software we automate

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Summary

- You want to help out?
 - We are always looking for new Collaborators and Maintainers

Contact:

- IRC #voxpupuli on freenode (preferred)
- Slack: #voxpupuli on puppetcommunity.slack.com
- voxpupuli@groups.io - General mailinglist
- pmc@voxpupuli.org - To reach the PMC people
- tim@bastelfreak.de - To reach me
- This and other talks from Tim at <https://github.com/bastelfreak/talks>

Thanks for your attention!