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

What?

- Maintain many many Puppet modules

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Vox Pupuli

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Vox Pupuli

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- Unite lonely module and tooling authors to a collective

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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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What?

Who?

Science!

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What?

Who?

- Many git newbies
  - Rebasng 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
- 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?

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

- Gem called voxpupuli-release
- Provides rake tasks to create a git tag + update the version of a module
  - Also pushes the artifact to forge.puppet.com
- New: Git Tags are required to have a GPG signature
- Upcoming: Also create a github release

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Vox Pupuli Tooling

What?
- https://github.com/underscorgan/community_management
  - Open Issues and PRs sorted in different ways

Who?
- https://voxpupuli-open-prs.herokuapp.com/
  - Also open PRs

Why?
- https://github.com/voxpupuli/thevoxfox
  - IRC bot, allows us to merge stuff + trigger modulesync (soon, maybe)

How?
- https://github.com/bastelfreak/contributorstats
  - count contributions

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What?

Who?

Why?

How?

Tooling

- Label open issues and PRs

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What?

Who?

Why?

How?

Tooling

- Label open issues and PRs
- Ping contributors to rebase their PR

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What?

Who?

Why?

How?

Tooling

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

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**Vox Pupuli**

**What?**
- Tooling

**Who?**
- @bastelsblog for @voxpupuliorg

**Why?**
- 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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What?

Tooling

- 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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What?

Tooling

Who?

• Ruby on Rails application at voxpupu.li
  ◦ Kudos to Robert Müller for his work!

Why?

• Gets push notifications from GitHub for all events
  ◦ New pull request / Issue
  ◦ Activity in a PR / new merge conflicts

How?

• 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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What?

Who?

Why?

How?

Tooling

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

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What?

Who?

Why?

How?

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

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