

Vox Pupuli

Managing 150 git repositories and contributions at scale

\$ whoami

- Tim 'bastelfreak' Meusel
- DevOps Engineer for heg.com -> GoDaddy EMEA
- Puppet Contributor since 2012
- Merging stuff on Vox Pupuli since 2015
- Vox Pupuli PMC member
- Organizing BBQ events for Arch Linux Community

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Vox Pupuli

What?

- Maintain over 100 Puppet modules
- Many files are identical
 - CONTRIBUTING.md, GitHub issue templates...
- Many files are almost identical
 - .travis.yml
- We need a single source of truth and consistency

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What?

- We want to release early and often
 - Release process needs to be easy and automated
- Tested code causes less future issues
 - We need a high coverage and unit + acceptance tests
- No matter how good your code is, nobody uses it without docs
 - Docs generated from the code, integrated into forge.puppet.com

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How?

modulesync

- modulesync was developed by Puppet Inc, moved to Vox Pupuli
- Tool: <https://github.com/voxpupuli/modulesync>
- Template repo: https://github.com/voxpupuli/modulesync_config
- It takes a config file + templates, throws it into every modules git repo
- Works with GitHub Pull Requests
- Everybody can start it
- Every of our Collaborators can approve/merge it

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Vox Pupuli

How?

modulesync

travis

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 ~20 concurrent travis slots
- rpsec-puppet on common Puppet*Ruby versions
- release modules to the forge
- beaker acceptance tests

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How?

modulesync

travis

Release task

- Gem called voxpupuli-release
- provides rake task to bump + tag a module
 - Also pushed to the forge
- Upcoming: Also create a github release

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Vox Pupuli

How?

modulesync

travis

Release task

Tooling

- https://github.com/underscorgan/community_management
 - Open Issues and PRs sorted in different ways
- <https://voxpupuli-open-prs.herokuapp.com/>
 - Also open PRs
- <https://github.com/voxpupuli/thevoxfox>
 - IRC bot, allows us to merge stuff + trigger modulesync (soon, maybe)
- <https://github.com/bastelfreak/contributorstats>
 - count contributions
- Nice frontend for GitHub issues/PRs/Notifications: <https://octobox.io/>

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Vox Pupuli

How?

modulesync

travis

Release task

Tooling

Docs

- Review Guidelines: <https://voxpupuli.org/docs/#reviewing-a-module>
- puppet-strings generates html docs
 - <https://voxpupuli.org/puppet-selinux>
 - <https://voxpupuli.org/puppet-autofs>
 - <https://voxpupuli.org/puppet-mumble>
 - <https://voxpupuli.org/puppet-cassandra> (in the making)
 - <https://voxpupuli.org/puppet-rabbitmq> (in the making)

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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 Maintainer

Contact:

- IRC #voxpupuli on freenode
- Slack: #voxpupuli on puppetcommunity.slack.com
- voxupupuli@groups.io
- pmc@voxpupuli.org
- tim@bastelfreak.de
- More talks at <https://github.com/bastelfreak/talks>

Thanks for your attention!