

Vox Pupuli - Empowering the Puppet Community

Spontaneous OSDC 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
- 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

@bastelsblog for @voxpupuliorg

Vox Pupuli

What?

- Currently 134 people with merge permissions

Who?

- 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

@bastelsblog for @voxpupuliorg

Vox Pupuli

What?

- Many git newbies
 - Rebasing a feature branch against upstream master is hard

Who?

- 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

@bastelsblog for @voxpupuliorg

Vox Pupuli

What?

- Maintaining a module on your own is hard

Who?

- Proper testing of a module requires a lot of stuff from the ruby ecosystem

Why?

- Ruby ecosystem and related tools are changing too fast for a single person
- Everything has to work on multiple Ruby/Puppet versions
- Rubocop
- Rubocop

@bastelsblog for @voxpupuliorg

Vox Pupuli

How?

AUTOMATE



Vox Pupuli

How?

modulesync

- We are managing more than 113 modules
- modulesync was developed by Puppet Inc, moved to Vox Pupuli
- It takes a config file + templates, throws it into every modules git repo
- Everybody can start it

@bastelsblog for @voxpupuliorg

Vox Pupuli

How?

modulesync

travis

✓ # 209.1	国人	</> Ruby: 1.9.3	📦 PUPPET_VERSION="~> 3.0" STRICT_= 1 min 7 sec
✓ # 209.2	国人	</> Ruby: 1.9.3	📦 PUPPET_VERSION="~> 3.0" STRICT_= 1 min 6 sec
✓ # 209.3	国人	</> Ruby: 2.1.9	📦 PUPPET_VERSION="~> 3.0" STRICT_= 1 min 30 sec
✓ # 209.4	国人	</> Ruby: 2.1.9	📦 PUPPET_VERSION="~> 4.0" CHECK= 1 min 39 sec
✓ # 209.5	国人	</> Ruby: 2.2.5	📦 PUPPET_VERSION="~> 4.0" CHECK= 1 min 32 sec
✓ # 209.6	国人	</> Ruby: 2.3.1	📦 PUPPET_VERSION="~> 4.0" CHECK= 1 min 18 sec
✓ # 209.7	国人	</> Ruby: 2.3.1	📦 PUPPET_VERSION="~> 4.0" CHECK= 1 min 7 sec
✓ # 209.8	国人	</> Ruby: 2.3.1	📦 PUPPET_VERSION="~> 4.0" CHECK= 1 min 26 sec

- Free platform
- rpsec-puppet common Puppet*Ruby versions
- release modules to the forge
- 10-60min per module

@bastelsblog for @voxpupuli.org

Vox Pupuli

How?

modulesync

travis

beaker

- creates a virtual machine or docker instance
- starts a complete OS in it
- executes puppet in it
- checks if everything looks as expected

Vox Pupuli

How?

modulesync

travis

beaker

Can be executed:

- on your notebook before you contribute a patch (same for rspec)
- with docker on travis

@bastelsblog for @voxpupuliorg

Vox Pupuli

How?

modulesync

travis

beaker

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

@bastelsblog for @voxpupuliorg

Governance?



MEMES & FUNNY PICS ☀ FRABZ.COM

Vox Pupuli

Governance?

PMC

- We elected our third Project Management Committee last fall!
- PMC enforces CoC
- Brings Vox Pupuli into the Software Freedom Conservancy
 - (This point is on the slides since 2016. But we're almost done! "Just" every PMC member needs to sign a document from the SFC)
- PMC guidelines are created by the community
<https://tinyurl.com/voxpupul-governance-md>

@bastelsblog for @voxpupuliorg

Vox Pupuli

Governance?

PMC

Contributors

- Review pull requests
- Explain why we don't support ruby187 anymore
- Trigger the automated release process
- Work on our style/review guidelines at
<https://voxpupuli.org/docs/#reviewing-a-module-pr>

@bastelsblog for @voxpupuliorg

Vox Pupuli

Summary

- We have great tooling and automation
- We have great people

@bastelsblog for @voxpupuliorg

Vox Pupuli

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?
 - Ping us, migrate it to us
- You have domain specific knowledge?
 - Ruby, Python, Rspec, Beaker, \$software we automate

@bastelsblog for @voxpupuliorg

Vox Pupuli

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
- voxpupuli@groups.io
- pmc@voxpupuli.org
- tim@bastelfreak.de
- More talks at <https://github.com/bastelfreak/talks>

Thanks for your attention!