

Vox Pupuli - Empowering the Puppet Community

\$ whoami

- Tim 'bastelfreak' Meusel
- Systems Engineer for heg.com
- Puppet Contributor since 2012
- Merging stuff on Vox Pupuli since 2015
- Vox Pupuli PMC member
- Archlinux(.de) Community Manager

Vox Pupuli

What is Vox Pupuli?

- Vox Pupuli
- VoxPupuli
- Voxpupuli
- puppet-community -> Vox Pupuli

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Vox Pupuli

What is Vox
Pupuli (and
why is it
awesome)?

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Vox Pupuli

What is Vox Pupuli (and why is it awesome)?

- Maintain many many modules

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Vox Pupuli

What is Vox Pupuli (and why is it awesome)?

- Maintain many many modules
- Be helpful and excellent to each other

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Vox Pupuli

What is Vox Pupuli (and why is it awesome)?

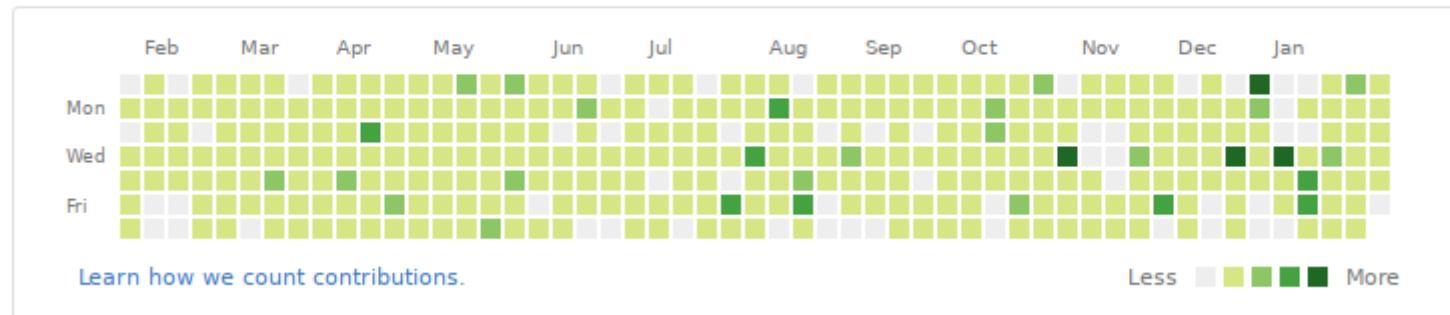
- Maintain many many modules
- Be helpful and excellent to each other
- Be open-minded to people and technology

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Vox Pupuli

5,730 contributions in the last year

Contribution settings ▾



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Vox Pupuli

What is Vox Pupuli (and why is it awesome)?

- 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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Vox Pupuli

Who is Vox Pupuli?

- Currently 94 people with merge permissions
- We were 80 in november 2016
- 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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Vox Pupuli

Who is Vox Pupuli?

- Many git newbies
- Many administrators of legacy infrastructures
 - Puppet2.7, Ruby187
 - Now also legacy: Puppet3, Ruby191, Ruby2.0

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Vox Pupuli

Why is Vox Pupuli?

- 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

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How?

AUTOMATE



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Vox Pupuli

How?

modulesync

- We are managing more than 81 modules
- We had 75 in november 2016
- 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

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Vox Pupuli

How?

modulesync

travis

Build Jobs					
✓ # 389.1		</> Ruby: 2.1.9		PUPPET_VERSION="~> 4.0" CHECK=test	⌚ 3 min 49 sec
✓ # 389.2		</> Ruby: 2.2.6		PUPPET_VERSION="~> 4.0" CHECK=test	⌚ 2 min 21 sec
✓ # 389.3		</> Ruby: 2.3.3		PUPPET_VERSION="~> 4.0" CHECK=test	⌚ 3 min 47 sec
✓ # 389.4		</> Ruby: 2.4.0		PUPPET_VERSION="~> 4.0" CHECK=test	⌚ 3 min 30 sec
✓ # 389.5		</> Ruby: 2.4.0		PUPPET_VERSION="~> 4.0" CHECK=rubocop	⌚ 2 min 13 sec
✓ # 389.6		</> Ruby: 2.4.0		PUPPET_VERSION="~> 4.0" CHECK=build DEPLOY_TO_FORGE=yes	⌚ 1 min 30 sec

- Free platform
- rpsec-puppet common Puppet*Ruby versions
- release modules to the forge
- 10-60min per module, doesn't scale :sadface:

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Vox Pupuli

How?

modulesync

travis

Release task

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

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Vox Pupuli

How?

modulesync

travis

Release task

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

Release task

beaker

Can be executed:

- on your notebook before you contribute a patch (same for rspec)
- with docker on travis
- on our own infra with docker or QEMU/Virtualbox

Vox Pupuli

How?

modulesync

travis

Release task

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)

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Vox Pupuli

How?

modulesync

travis

Release task

beaker

Tooling

- <http://voxpupuli.bastelfreak.de/>
 - IRC stats
- <https://github.com/bastelfreak/contributorstats>
 - count contributions

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Vox Pupuli

How?

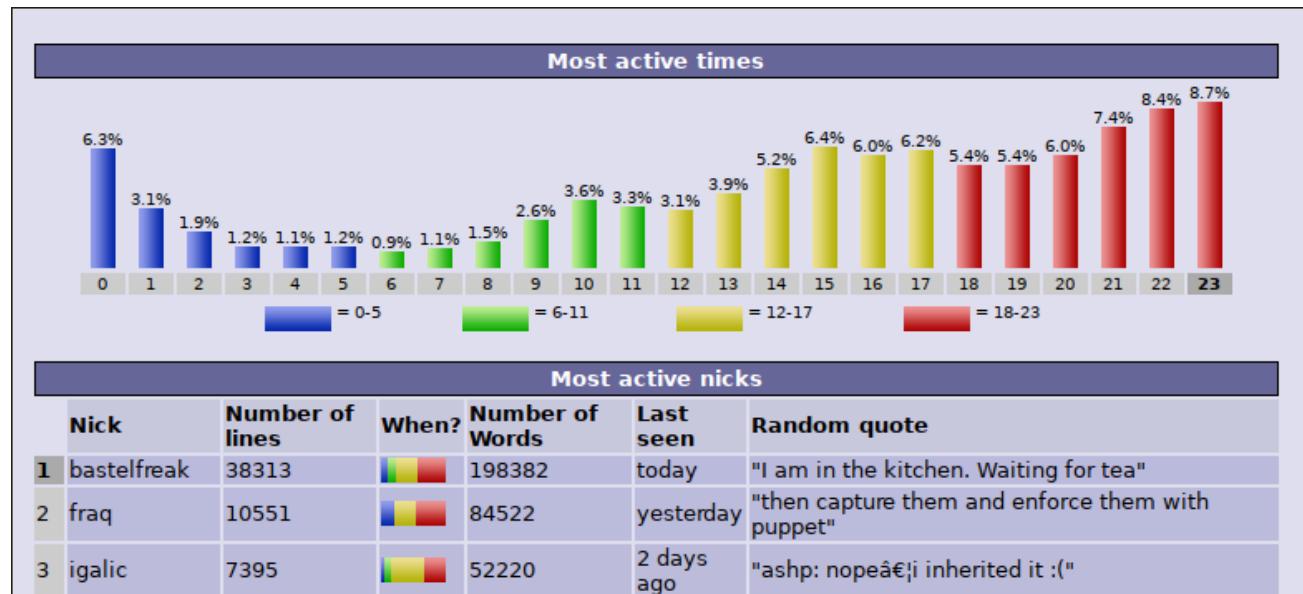
modulesync

travis

Release task

beaker

Tooling



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Governance?



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Vox Pupuli

Governance?

PMC

- We elected a Project Management Committee in 2016!
- PMC enforces CoC
- Brings Vox Pupuli into the Software Freedom Conservancy
- PMC guidelines are created by the community
<https://tinyurl.com/voxpupuli-governance-md>

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Vox Pupuli

Governance?

PMC

Collaborators

- Review pull requests
- Explain why we don't support ruby187 anymore
- New: Explain why we don't support Puppet3 anymore
- Help with git
- Trigger the automated release process

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Vox Pupuli

Governance?

PMC

Collaborators

Officers

- Election officer for managing the yearly PMC election
- Security officer
 - Julien Pivotto (@roidelapluie)
 - Official contact for security issues, deals with CVEs
 - Defines our security guidelines:
<https://voxpupuli.org/security/>

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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 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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Vox Pupuli

Summary

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

Contact:

- IRC #voxpupli on freenode
- Slack: #voxpupuli on puppetcommunity.slack.com
- voxpupuli@groups.io
- pmc@voxpupuli.org
- tim@bastelfreak.de

Thanks for your attention!