

Vox Pupuli - The Funny Community Journey

PuppetConf 2017 Edition

\$ 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

Vox Pupuli

How to write and pronounce

What?

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

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Vox Pupuli

What?

- Maintain many many modules

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Vox Pupuli

What?

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

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Vox Pupuli

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- Maintain many many modules
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- Be open-minded to people and technology

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Vox Pupuli

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- Be open-minded to people and technology
- Provide a home for orphaned Puppet modules

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Vox Pupuli

What?

- Maintain many many modules
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- 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 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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Vox Pupuli

What?

- Currently 107 people with merge permissions

Who?

- 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?

- 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

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What?

- Many administrators of legacy infrastructures

Who?

- Puppet3, Ruby191, Ruby2.0
- November 2016: Puppet2.7, Ruby187
- Do we already call Puppet4 legacy? (yes pls)

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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

Vox Pupuli

How?

modulesync

- We are managing more than 88 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
- 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 unlimited? 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

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

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Vox Pupuli

How?

modulesync

travis

Release task

Tooling

Docs

- 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>

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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>
- Next election will start soonish

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Governance?

- 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

Collaborators

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PMC

Vox Pupuli

Governance?

PMC

Collaborators

Officers

- Election officer
 - Spencer Krum (@nibalizer)
 - Runs the PMC election 2017
- 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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Daily Business



bastelfreak commented on Sep 1

Owner



Hi @cristianbalan-mf, thanks for this issue. Are you able to provide a patch for this?

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Daily Business



bastelfreak commented on Jun 29

Owner



Hi **@danirueda**, you are using a way outdated puppet version. Support for puppet 3.X ended last december. Puppetlabs doesn't provide any patches for that version, and puppet 5 just got released. This module isn't compatible anymore with puppet 3. You should really consider updating your environment. We're reachable basically 24/7 in the IRC channel #voxpupuli on freenode. Just let us know if you need any help for the upgrades.

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Daily Business



 **bastelfreak** closed this 11 days ago



 **bastelfreak** reopened this 11 days ago



 **bastelfreak** closed this 11 days ago

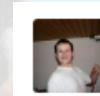


 **bastelfreak** reopened this 11 days ago

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Daily Business



bastelfreak commented 13 days ago

Owner

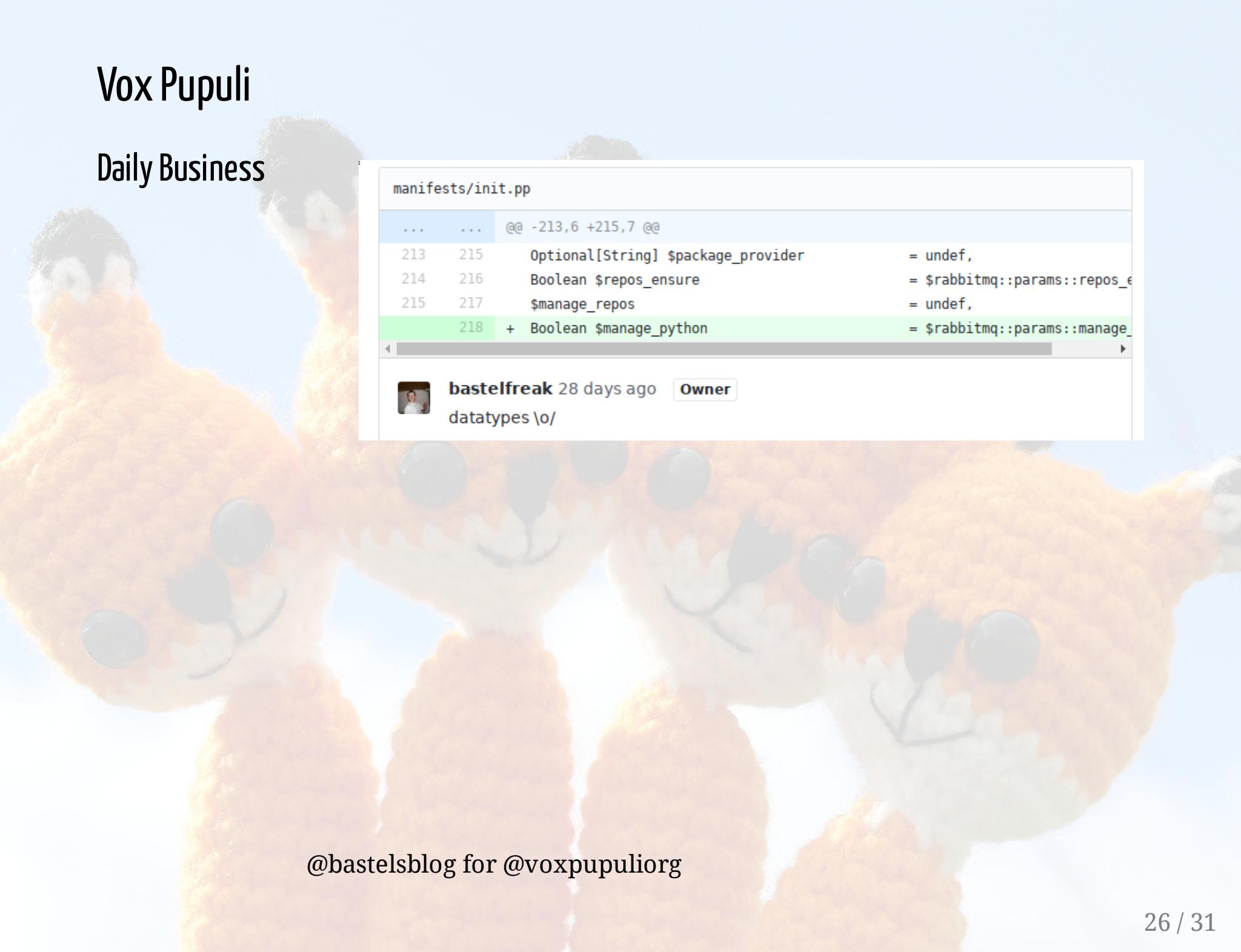
+

Hi @Cosaquee, thanks for this PR. Are you able to provide spec tests for this?

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Daily Business



A screenshot of a GitHub pull request interface. The title of the file is "manifests/init.pp". The code shows a diff between two versions of the file:

```
... ... @@ -213,6 +215,7 @@
213 215     Optional[String] $package_provider      = undef,
214 216     Boolean $repos_ensure                   = $rabbitmq::params::repos_e
215 217     $manage_repos                          = undef,
218 +   Boolean $manage_python                 = $rabbitmq::params::manage_

```

The commit was made by **bastelfreak** 28 days ago and is marked as an **Owner**. The commit message is "datatypes \o/".

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Daily Business



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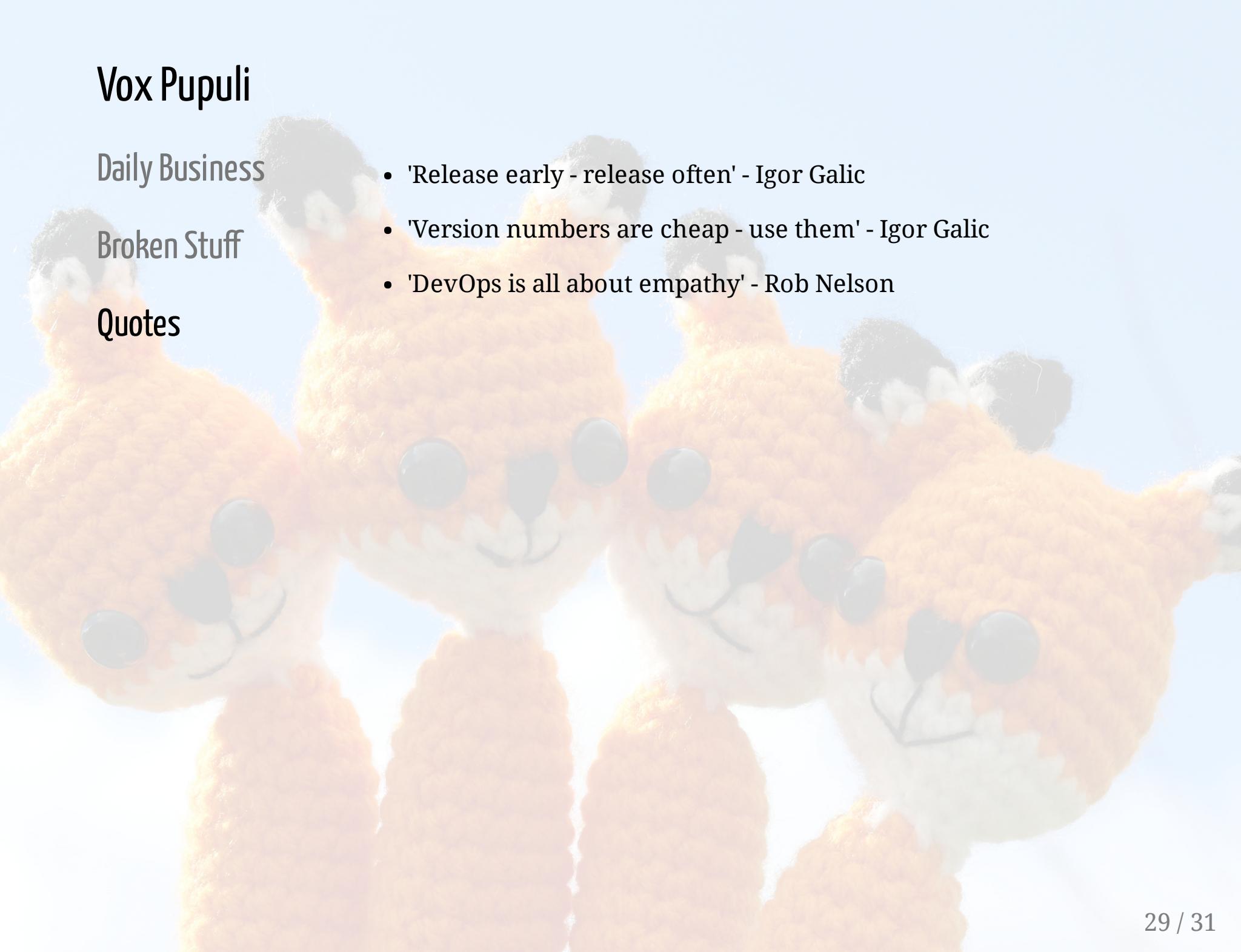
Vox Pupuli

Daily Business

Broken Stuff

- vox pupuli is the place to be if something is broken
 - puppetlabs-stdlib
 - puppetlabs-stdlib again
 - puppetlabs-apt
 - puppet-systemd (sorry)

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Daily Business

Broken Stuff

Quotes

- 'Release early - release often' - Igor Galic
- 'Version numbers are cheap - use them' - Igor Galic
- 'DevOps is all about empathy' - Rob Nelson

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

Vox Pupuli

Summary

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

Contact:

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

Thanks for your attention!