

Vox Pupuli - The Community behind Puppet

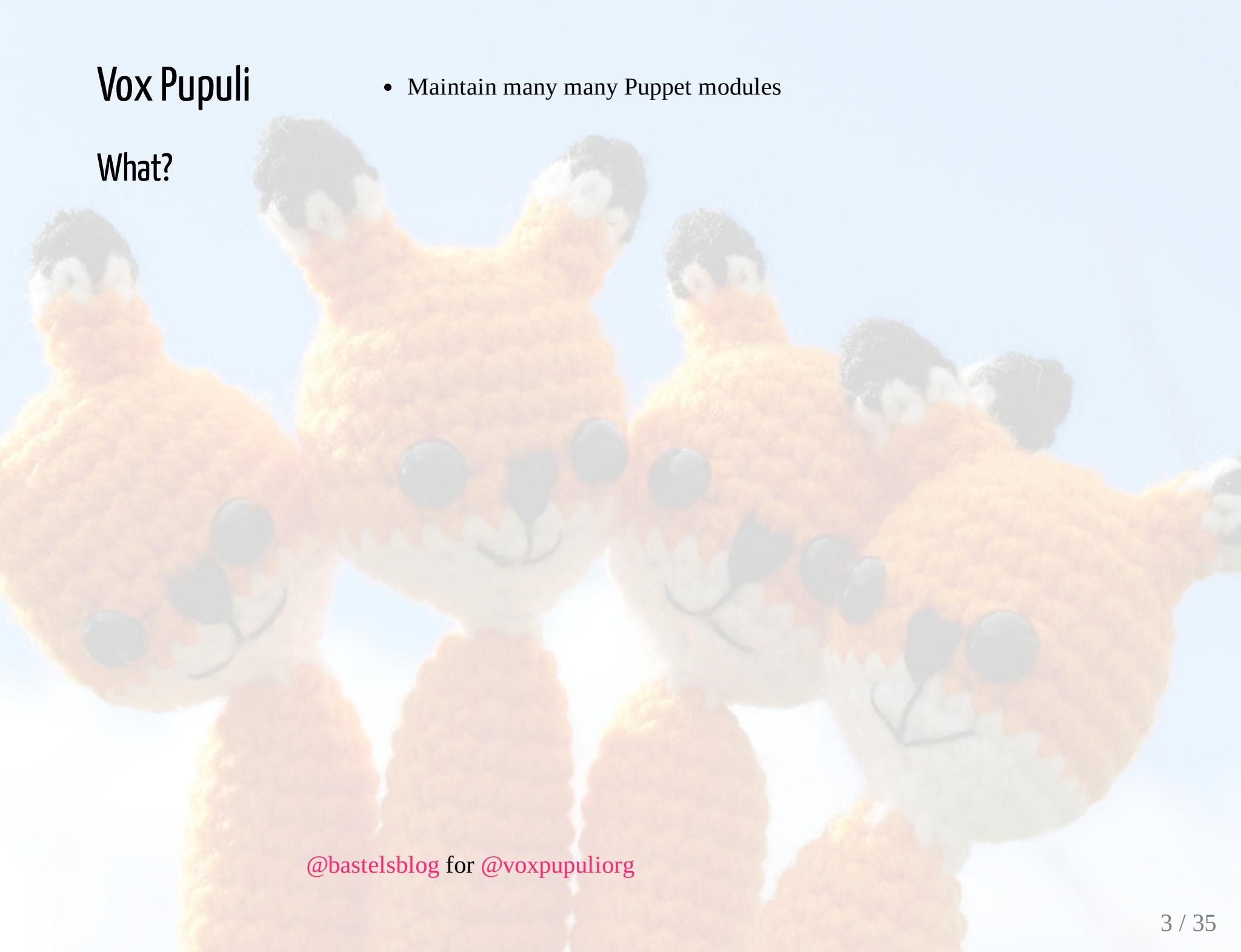
\$ whoami

- 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

- Maintain many many Puppet modules

What?



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Vox Pupuli

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- Be helpful and polite to each other

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Vox Pupuli

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Vox Pupuli

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- Provide a home for orphaned Puppet modules

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Vox Pupuli

What?

- Maintain many many Puppet modules
- Be helpful and polite to each other
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- Unite lonely module and tooling authors to a collective

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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

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What?

Who?

- Currently 126 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

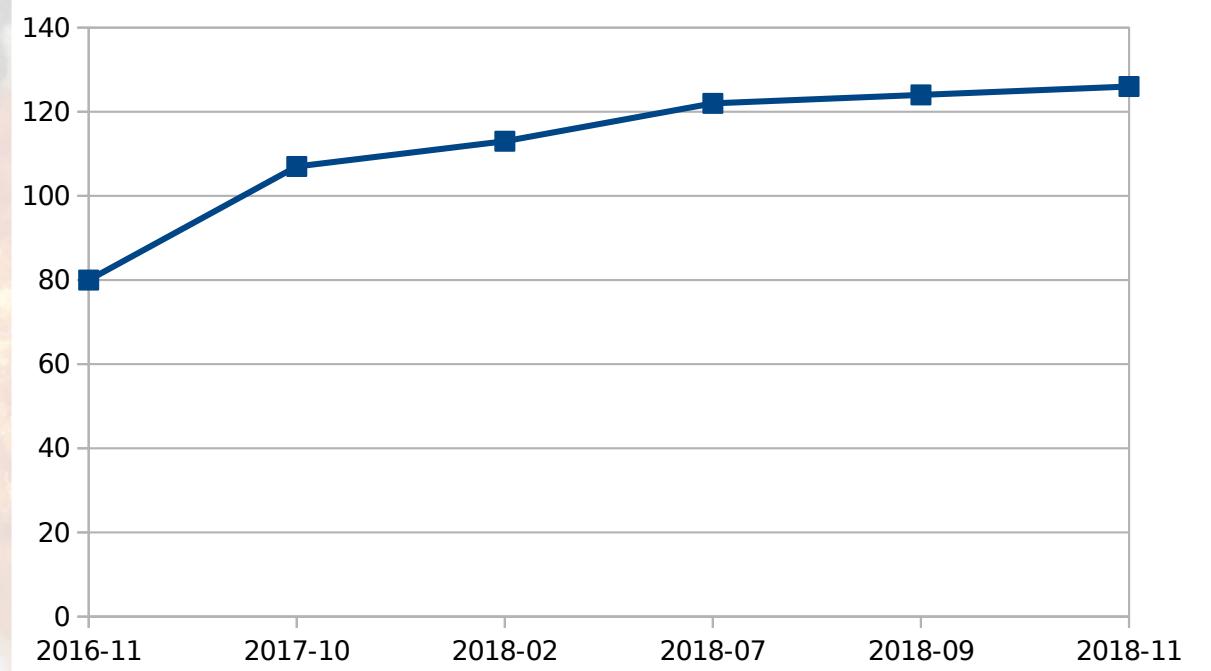
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Science!

What?

Who?



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What?

- Many git newbies
 - Rebasing 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 4.10 without proper hiera5/datatype support

Who?

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What?

- 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

Who?

- Ruby ecosystem and related tools are changing too fast for a single person

Why?

- Everything has to work on multiple Ruby/Puppet versions
- Rubocop
- Rubocop

modulesync

How?

- We are managing 105 puppet modules and (155 git repos)
 - We had 92 modules in February 2018
 - We had 75 modules 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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How?

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

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Release task

How?

- 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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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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How?

- 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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PMC

- We elected a second Project Management Committee in 2018!
- PMC enforces CoC
- Brings Vox Pupuli into the Software Freedom Conservancy
- PMC guidelines are created by the community
<https://tinyurl.com/voxpupuli-governance-md>
- Current members:
 - Tim ‘bastelfreak’ Meusel (reelected)
 - David ‘dhollinger’ Hollinger
 - Hunter ‘Hunner’ Haugen (Puppet Inc., reelected)
 - Alex ‘afisher’ Fisher
 - Eric ‘eputnam’ Putnam (Puppet Inc.)

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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

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

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Daily Business

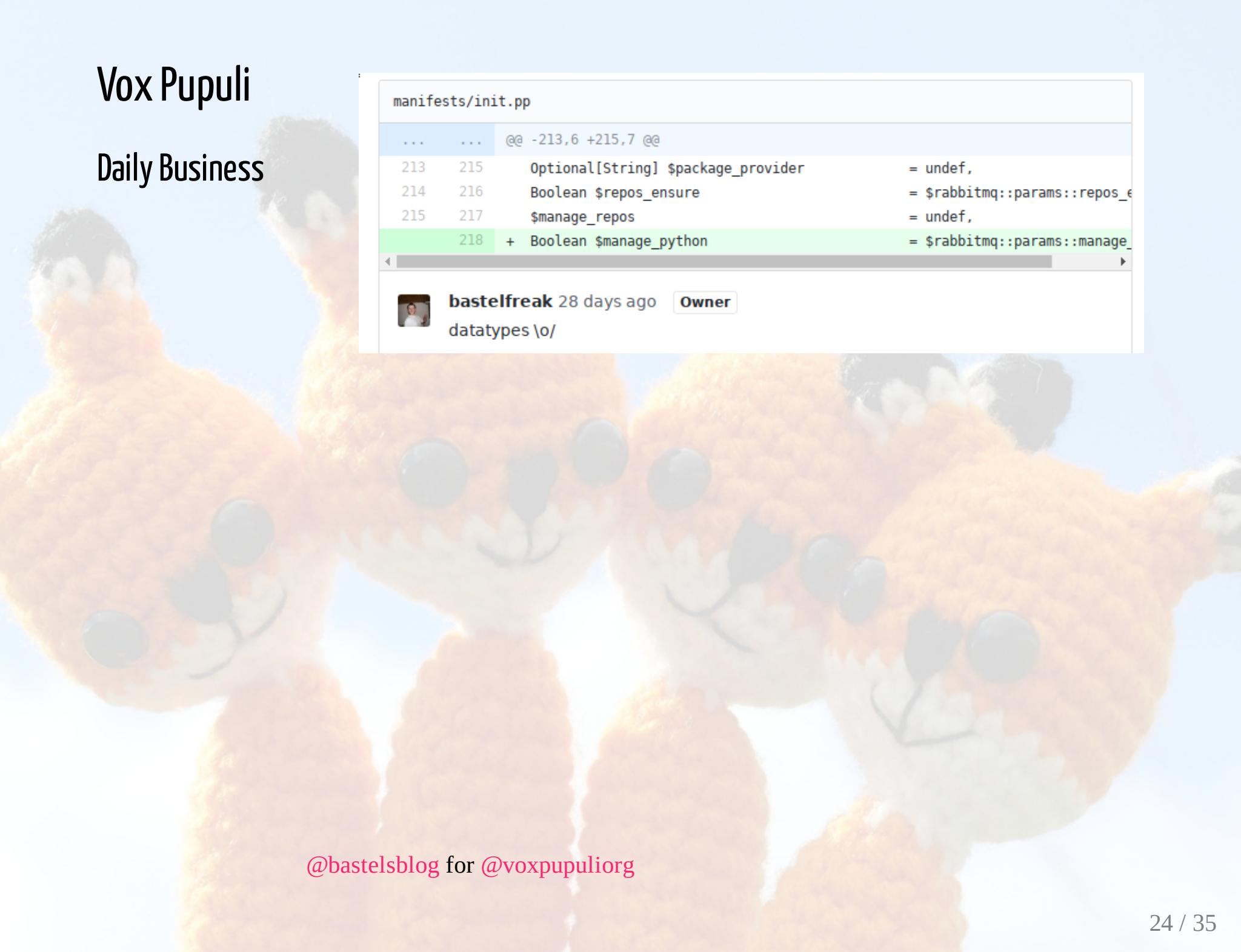


A screenshot of a GitHub pull request comment. The comment is from a user named "bastelfreak" and was posted 13 days ago. The message reads: "Hi @Cosaquee, thanks for this PR. Are you able to provide spec tests for this?" There are options to mark it as an owner, add a reaction, edit, or delete the comment.

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Daily Business



A screenshot of a GitHub code review interface. The file being reviewed is `manifests/init.pp`. The code shows several lines of Puppet manifest code. Line 218 is highlighted in green, indicating a new addition. The commit message below the code says "datatypes \o/".

```
 manifests/init.pp
 ...
 ... @@ -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_

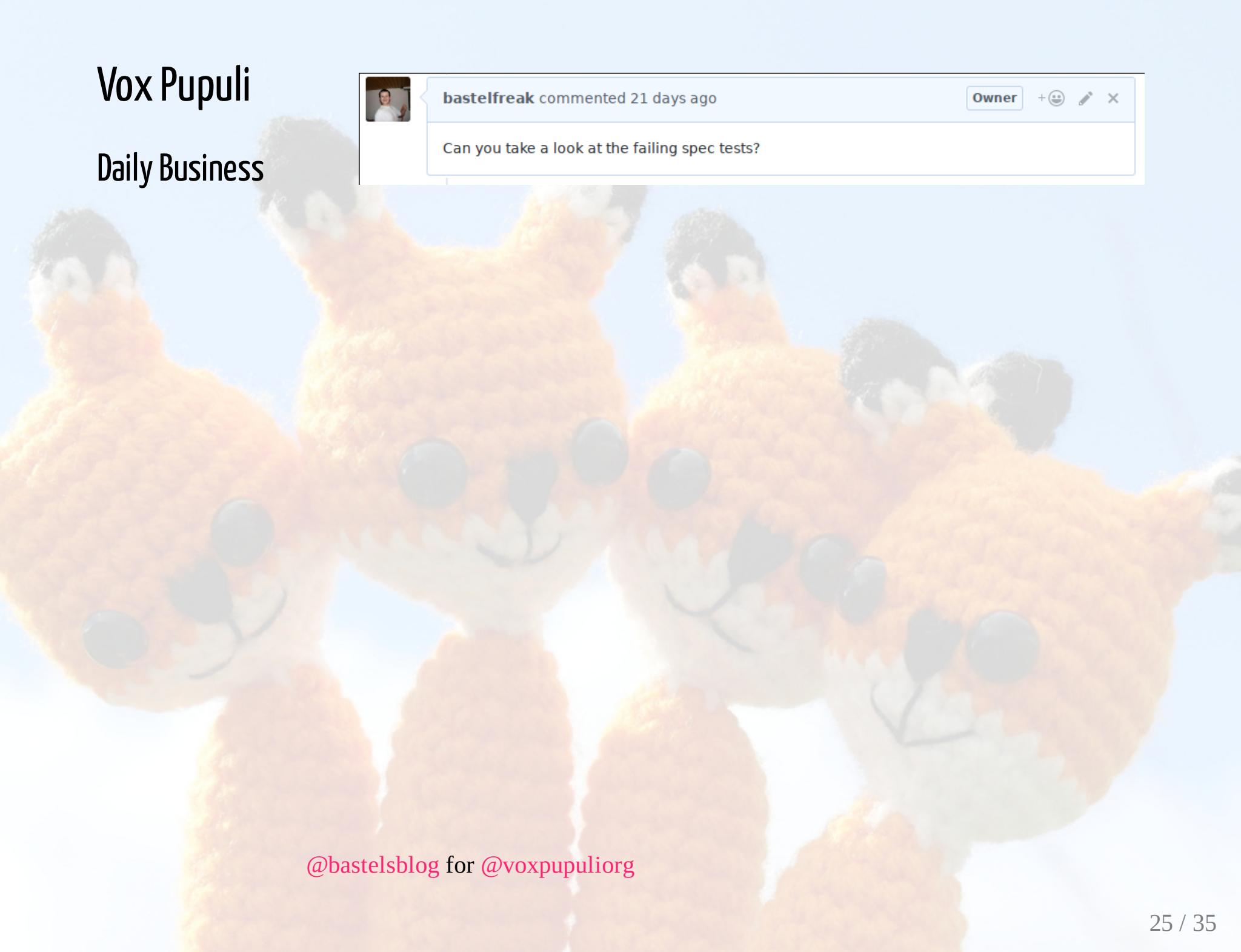
```

 **bastelfreak** 28 days ago Owner
datatypes \o/

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A screenshot of a GitHub pull request interface. At the top left is a small profile picture of a person with short brown hair. To its right, the text "bastelfreak commented 21 days ago" is displayed. To the far right of this row are three icons: "Owner", a smiley face, a pencil, and a "X". Below this row is a larger text area containing the comment "Can you take a look at the failing spec tests?".

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 **bastelfreak** commented on Dec 9, 2017

Owner + 

@cwells thanks for the PR. Can you check the used email address in your commits? It isn't associated with your github account.

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A GitHub pull request comment interface is overlaid on the image. The comment is from a user named "bastelfreak" dated December 9, 2017. The message reads: "Hi @arjenz, thanks for the PR! Can you please update the README.md with the new parameters?" The interface includes standard GitHub buttons for "Owner", adding a reaction, editing, and deleting the comment.

bastelfreak commented on Dec 9, 2017

Owner +

Hi @arjenz, thanks for the PR! Can you please update the README.md with the new parameters?

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 **bastelfreak** commented 19 days ago

Contributor +

Hi @saz. Vox Pupuli is a collective of puppet module authors who take care of a lot of modules: <https://forge.puppet.com/puppet?utf-8=%E2%9C%93&sort=downloads>

Are you interested in migrating your modules into their namespace? You can still keep write access to the repos, but it would allow others to help out with code reviews and releases. They also put a lot of effort into templates for modules. They have well maintained Gemfiles that work under all needed ruby and puppet versions, working changelog generator, common pattern for unit/acceptance tests .

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Daily Business



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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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- 'Release early - release often' - [Igor Galic](#)

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Broken Stuff

Quotes

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Broken Stuff

Quotes

- 'Release early - release often' - [Igor Galic](#)
- 'Version numbers are cheap - use them' - [Igor Galic](#)

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Broken Stuff

Quotes

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

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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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!