

modulesync

How Vox Pupuli Manages 133 141 modules

What is Vox Pupuli

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

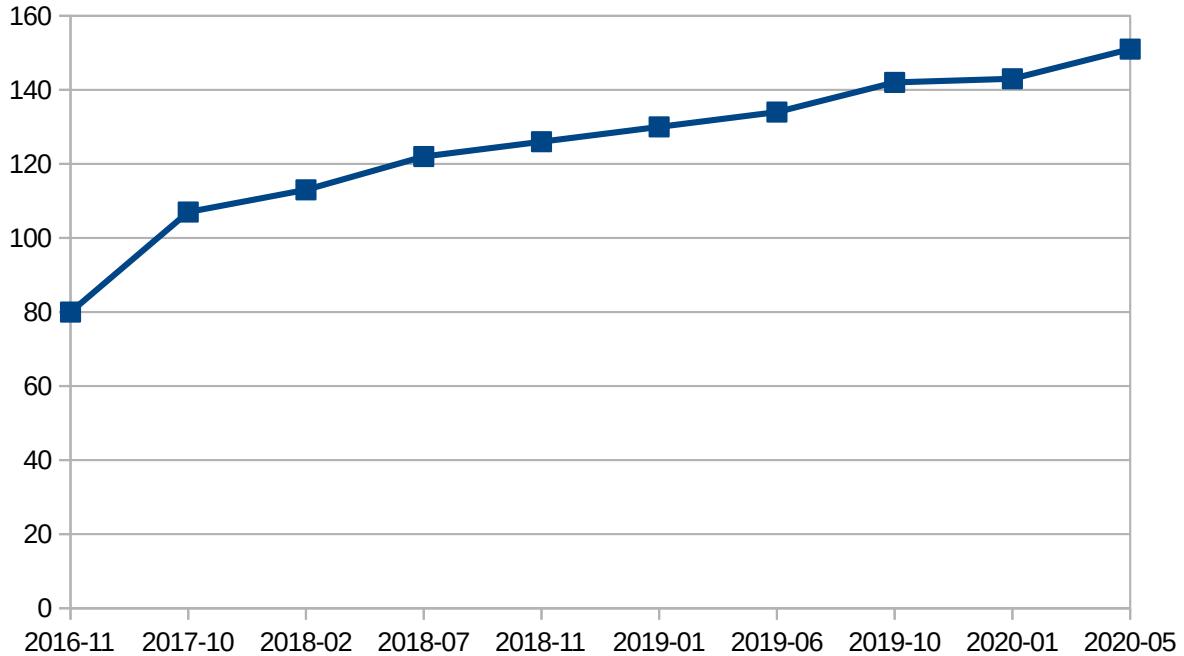
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What?

Who?

- Amount of Vox Pupuli members with merge permissions



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What?

- Many git newbies

Who?

- 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 5 without proper hiera5/datatype support

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What?

- Maintaining a module on your own is hard

Who?

- Changing best practices, vacations, losing interest

Why?

- 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

- Everything has to work on multiple Ruby/Puppet versions

- Rubocop

- Rubocop

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How?



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Vox Pupuli

How?

- Unified module file/directory structure

Standards

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How?

Standards

- Unified module file/directory structure
- Unified code style

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How?

Standards

- Unified module file/directory structure
- Unified code style
- Unified review guidelines and testsuites with CI

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How?

Standards

Documentation

- Review guidelines: voxpupuli.org/docs/reviewing_pr
- [CONTRIBUTING.md](#)
 - Explain how the PR creator can test their changes
 - Explain what happens after a PR was created
- Templates for [raising issues](#) / creating a [PR](#)

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How?

Standards

Documentation

modulesync

- We are managing more than 141 modules
 - 113 in July 2019
- `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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How?

Standards

Documentation

modulesync

- The generic tool: github.com/voxpupuli/modulesync
- The Vox Pupuli specific configuration:
github.com/voxpupuli/modulesync_config
- Because of the separation, every organisation can use it
 - With Vox Pupuli configs
 - Or with own configs

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How?

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 bastelfreak Merge pull request #651 from bastelfreak/bla	...	✓ Latest commit b78dd69 2 days ago
 bin	Fix typo in version comparison	2 days ago
 moduleroot	spec_helper_acceptance: Add helper to load custom files	13 days ago
 .gitignore	add .vendor to gitignore	4 years ago
 .travis.yml	Use same ruby version as latest Puppet 6 (2.5.7)	5 months ago
 CHANGELOG.md	Release 2.12.0	29 days ago
 CONTRIBUTING.md	(GH-226) Add CHANGELOG	16 months ago
 Gemfile	release 2.10.1	4 months ago
 LICENSE	Remove extra blank line at EOF.	10 months ago
 README.md	README section helpful for external contributors	2 months ago
 config_defaults.yml	Use voxpopuli-acceptance	25 days ago
 managed_modules.yml	Add puppet-chrony to modulesync_config	5 days ago
 modulesync.yml	Add vim modelines to everything and change PC->VP. Fixes #150.	4 years ago

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How?

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modulesync

bastelfreak spec_helper_acceptance: Add helper to load custom files		Latest commit 99b38f5 13 days ago
..		
.github	State centos8 as working docker container	4 months ago
spec	spec_helper_acceptance: Add helper to load custom files	13 days ago
.editorconfig.erb	add .editorconfig	2 years ago
.gitignore.erb	Rename all templates to `erb`	3 years ago
.msync.yml.erb	Release 2.12.0	29 days ago
.overcommit.yml.erb	Added validate to list of bundle prepush rake targets	2 years ago
.pmignore.erb	Add Dockerfile for local tests	17 months ago
.rspec.erb	Rename all templates to `erb`	3 years ago
.rspec_parallel.erb	make the rspec_parallel output more beautiful	3 years ago
.rubocop.yml.erb	Revert rubocop TargetRubyVersion back to 1.9	4 months ago
.travis.yml.erb	Make 'before_install' in .travis.yml configurable	4 months ago
.yardopts.erb	Rename all templates to `erb`	3 years ago
Dockerfile.erb	docker: add missing `rake` subcommand	7 months ago
Gemfile.erb	bump default Puppet version to 6.X	16 months ago
Rakefile.erb	Use voxpopuli-test	29 days ago

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How?

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modulesync

- Setup

```
# checkout latest modulesync_config release
git checkout $(git tag --list | sort -V | tail -n1)
message="modulesync $(git describe)"
```

- Sync all modules and create Pull Requests with a label

```
bundle exec msync update --message "{$message}" \
--pr --pr-labels modulesync --pr-title "{$message}"
```

- Apply template to one module, don't commit

```
bundle exec msync update --filter "${module_name}" --noop
```

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How?

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modulesync 2.12.0 #102

Merged bastelfreak merged 1 commit into master from modulesync 28 days ago

Conversation 0 Commits 1 Checks 1 Files changed 6

bastelfreak commented 28 days ago

modulesync 2.12.0

modulesync 2.12.0

Verified ✓ 543d43d

bastelfreak added the modulesync label 28 days ago

bastelfreak merged commit 0f4f4db into master 28 days ago

View details Revert

2 checks passed

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How?

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modulesync

Travis-CI

- Free platform
- rpsec-puppet common Puppet*Ruby versions
- release modules to the forge
- 10-60min per module
- Soon we will move some workload git GitHub Actions to speed things up

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How?

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Travis-CI

Beaker

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

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How?

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Travis-CI

Beaker

✓ # 508.1	AMD64	Bionic	Ruby: 2.4.4	PUPPET_VERSION="~> 5.0" CHECK=test	1 min 12 sec
✓ # 508.2	AMD64	Bionic	Ruby: 2.5.3	PUPPET_VERSION="~> 6.0" CHECK=test_with_coversalls	1 min 30 sec
✓ # 508.3	AMD64	Bionic	Ruby: 2.5.3	PUPPET_VERSION="~> 6.0" CHECK=rubocop	41 sec
✓ # 508.4	AMD64	Bionic	Ruby: 2.4.4	PUPPET_VERSION="~> 5.0" CHECK=build DEPLOY_TO_FORGE=yes	50 sec
✓ # 508.5	AMD64	Bionic	Ruby: 2.5.3	PUPPET_INSTALL_TYPE=agent BEAKER_PUPPET_COLLECTION=puppet5 BEAKER_debug=true	5 min 10 sec
✓ # 508.6	AMD64	Bionic	Ruby: 2.5.3	PUPPET_INSTALL_TYPE=agent BEAKER_PUPPET_COLLECTION=puppet6 BEAKER_debug=true	5 min 33 sec
✓ # 508.7	AMD64	Bionic	Ruby: 2.5.3	PUPPET_INSTALL_TYPE=agent BEAKER_PUPPET_COLLECTION=puppet5 BEAKER_debug=true	4 min 34 sec
✓ # 508.8	AMD64	Bionic	Ruby: 2.5.3	PUPPET_INSTALL_TYPE=agent BEAKER_PUPPET_COLLECTION=puppet6 BEAKER_debug=true	4 min 31 sec
✓ # 508.9	AMD64	Bionic	Ruby: 2.5.3	PUPPET_INSTALL_TYPE=agent BEAKER_PUPPET_COLLECTION=puppet5 BEAKER_debug=true	4 min 21 sec
✓ # 508.10	AMD64	Bionic	Ruby: 2.5.3	PUPPET_INSTALL_TYPE=agent BEAKER_PUPPET_COLLECTION=puppet6 BEAKER_debug=true	4 min 24 sec
✓ # 508.11	AMD64	Bionic	Ruby: 2.5.3	PUPPET_INSTALL_TYPE=agent BEAKER_PUPPET_COLLECTION=puppet5 BEAKER_debug=true	4 min 15 sec
✓ # 508.12	AMD64	Bionic	Ruby: 2.5.3	PUPPET_INSTALL_TYPE=agent BEAKER_PUPPET_COLLECTION=puppet6 BEAKER_debug=true	4 min 20 sec
✓ # 508.13	AMD64	Bionic	Ruby: 2.5.3	PUPPET_INSTALL_TYPE=agent BEAKER_PUPPET_COLLECTION=puppet5 BEAKER_debug=true	5 min
✓ # 508.14	AMD64	Bionic	Ruby: 2.5.3	PUPPET_INSTALL_TYPE=agent BEAKER_PUPPET_COLLECTION=puppet6 BEAKER_debug=true	5 min 9 sec
✓ # 508.15	AMD64	Bionic	Ruby: 2.5.3	PUPPET_INSTALL_TYPE=agent BEAKER_PUPPET_COLLECTION=puppet5 BEAKER_debug=true	4 min 34 sec
✓ # 508.16	AMD64	Bionic	Ruby: 2.5.3	PUPPET_INSTALL_TYPE=agent BEAKER_PUPPET_COLLECTION=puppet6 BEAKER_debug=true	4 min 46 sec
✓ # 508.17	AMD64	Bionic	Ruby: 2.5.3	PUPPET_INSTALL_TYPE=agent BEAKER_PUPPET_COLLECTION=puppet5 BEAKER_debug=true	3 min 59 sec
✓ # 508.18	AMD64	Bionic	Ruby: 2.5.3	PUPPET_INSTALL_TYPE=agent BEAKER_PUPPET_COLLECTION=puppet6 BEAKER_debug=true	3 min 20 sec

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Summary

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

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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?
 - 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 Maintainers

Contact:

- IRC #voxpupuli on freenode
- Slack: #voxpupuli on slack.puppet.com
- Mailinglist: voxpupuli@groups.io
- pmc@voxpupuli.org
- tim@bastelfreak.de
- More talks at github.com/bastelfreak/talks

Thanks for your attention!