



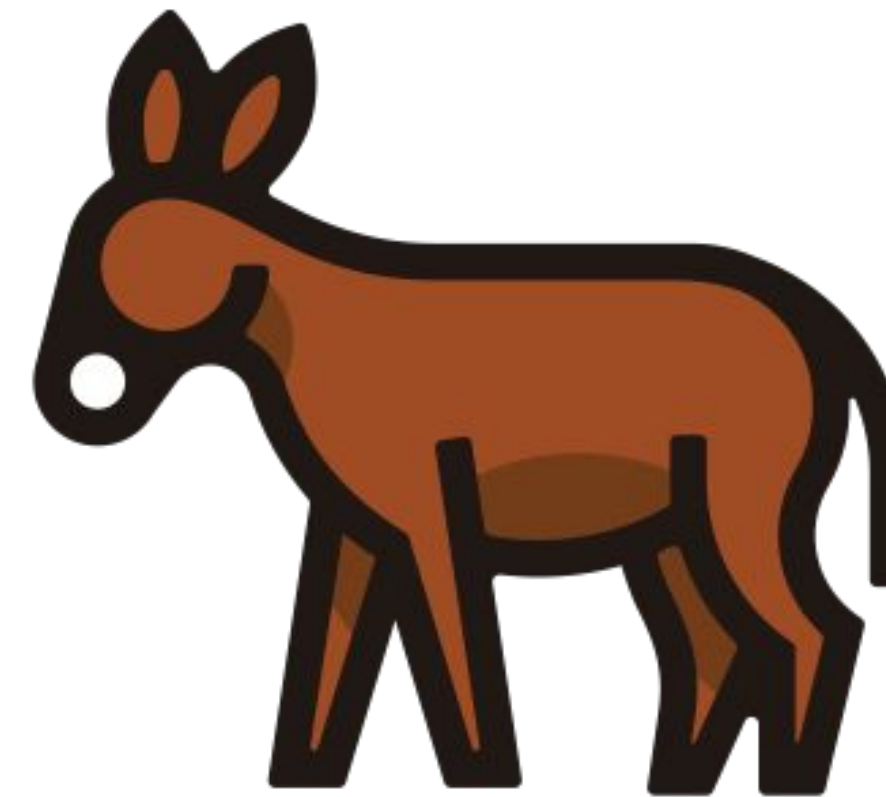
rpm-packaging

Project overview and update

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What does rpm-packaging do?

- RPM Packaging for OpenStack is a cross-distribution and cross-vendor effort to create common templates for building OpenStack packages for RPM-based Linux and OpenStack distributions.



PACKAGING-RPM

an OpenStack Community Project

Project background

- Founded during the liberty release of OpenStack with the goal of unifying the independent packaging efforts of RDO and SUSE, but is really open for anyone who wants to contribute RPM packaging spec files for any distribution.
- The goal of the project is to build up a central repository for RPM .spec file templates and unify the downstream packaging efforts into one jointly maintained upstream project.
- Also provides a place to share patches for projects that have reached the end of Extended Maintenance

Components

- [openstack/rpm-packaging](#)
 - repository of spec file templates
- [openstack/rpm-packaging-tools](#)
 - dashboard to coordinate package updates with project releases
- [openstack/pymod2pkg](#)
 - translates project names into package names for each distribution
- [openstack/renderspec](#)
 - converts Jinja2 spec templates into RPM specs for each distribution

renderspec

- Tooling to abstract differences in vendor policies
 - e.g. License tags are different between vendors
- Can also map package naming differences
- Helps reducing distro specific %if sequences to a minimum

Accomplished in Stein

- Added new spec file templates for new projects
 - new services, clients, libraries, tempest plugins, horizon XStatic libs
- Python3-first
 - packages converted to singlespec to ensure python3 compatibility
 - CI jobs run using python3

Future goals

- Cross-project gating
 - Build and test packages in project CI jobs
 - Enable better collaboration with upstream project teams
- Package more projects

We need your help!

- Spec templates for new OpenStack packages
- Updating package templates when projects make releases
- Building out CI and cross-project gating

Get in touch



irc

- #openstack-rpm-packaging



email

- openstack-discuss@lists.openstack.org
- tag [rpm-packaging]



meetings

- weekly in #openstack-rpm-packaging
- Wednesdays, 13:30 UTC

THANKS.

Questions?



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