
Eslint-config-openstack Documentation

Release 4.1.1.dev6

OpenStack Foundation

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INTRODUCTION

OpenStack has a set of style guidelines for clarity. OpenStack is a very large code base, spanning dozens of git trees, with over a thousand developers contributing every 6 months. As such, common style helps developers understand code in reviews, move between projects smoothly, and overall make the code more maintainable.

Even though eslint permits overriding rules on a per-project basis, it should be the goal of every project to stay as close to the common guidelines as possible.

FOR CONTRIBUTOR

If you are a new contributor to `eslint-config-openstack` please refer: *So You Want to Contribute*

2.1 So You Want to Contribute

For general information on contributing to OpenStack, please check out the [contributor guide](#) to get started. It covers all the basics that are common to all OpenStack projects: the accounts you need, the basics of interacting with our Gerrit review system, how we communicate as a community, etc.

Below will cover the more project specific information you need to get started with `eslint-config-openstack`.

2.1.1 Communication

- IRC channel `#openstack-qa` at OFTC
- Mailing list (prefix subjects with `[qa]` for faster responses) <http://lists.openstack.org/cgi-bin/mailman/listinfo/openstack-discuss>

2.1.2 Contacting the Core Team

Please refer to the [eslint-config-openstack Core Team](#) contacts.

2.1.3 New Feature Planning

If you want to propose a new feature please read [Feature Proposal Process](#) `eslint-config-openstack` features are tracked on [Launchpad BP](#).

2.1.4 Task Tracking

We track our tasks in [Launchpad](#).

2.1.5 Reporting a Bug

You found an issue and want to make sure we are aware of it? You can do so on [Launchpad](#). More info about Launchpad usage can be found on [OpenStack docs page](#)

2.1.6 Getting Your Patch Merged

All changes proposed to the eslint-config-openstack require single `Code-Review +2` votes as minimum from eslint-config-openstack core reviewers who can approve patch by giving `Workflow +1` vote.

2.1.7 Project Team Lead Duties

All common PTL duties are enumerated in the [PTL guide](#).

The Release Process for QA is documented in [QA Release Process](#).

ADMINISTRATORS GUIDE

3.1 eslint-config-openstack

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3.1.1 Installation

To add these rules to your project, follow these steps.

1. `npm install --save-dev eslint eslint-config-openstack`
2. Add `extends: "openstack"` to your `.eslintrc` yml file. If your project is using ES2015, add `extends: "openstack/es2015"` instead.

3.1.2 Approval Policies

If you would like to contribute, please follow [OpenStacks contribution guidelines](#).

Rules only land with consensus

Patches that activate, deactivate, or modify rules, should only be merged if a consensus of reviewers is reached. In this case, consensus means at least five positive votes (+1 or +2), with no -1 votes. Cores may not override and/or ignore -1 votes.

Library upgrades require two cores

Patches that upgrade eslint only require two core approvers to land. These patches must add new upstream rules in a deactivated state, and delete any deprecated rules.

Policy upgrades require all cores

Updates to policies and governance on this project require +2 votes from all direct cores on the project. Core votes from the parent OpenStack QA project are optional.

Patches should be abandoned after a month of inactivity

Cores should attempt to keep the list of extant patches small and managable. As such, they should talk to any author whose patch has failed to garner the necessary support, and has experienced one month of inactivity. Reasonable notice should be given to the author before a patch is abandoned.

3.2 Installing eslint-config-openstack in your project

To add these rules to your project, follow these steps.

1. Install the npm package to your project:

```
npm install --save-dev eslint eslint-config-openstack
```

2. Add extends: "openstack" to your .eslintrc yml file. If your project is using ES2015, add extends: "openstack/es2015" instead.

3.3 Contributing to eslint-config-openstack

If youre interested in contributing to the eslint-config-openstack project, the following will help get you started.

3.3.1 Contributor License Agreement

In order to contribute to the project, you need to have signed OpenStacks contributors agreement.

See also:

- <http://docs.openstack.org/infra/manual/developers.html>
- <http://wiki.openstack.org/CLA>

3.3.2 LaunchPad Project

Most of the tools used for OpenStack depend on a launchpad.net ID for authentication.

See also:

- <https://launchpad.net>
- <https://launchpad.net/eslint-config-openstack>

3.3.3 Project Hosting Details

Mailing list (prefix subjects with [eslint-config-openstack] for faster responses)

<http://lists.openstack.org/cgi-bin/mailman/listinfo/openstack-discuss>

Code Hosting <https://github.com/openstack/eslint-config-openstack>

Code Review <https://review.openstack.org/#/q/status:open+project:openstack/eslint-config-openstack,n,z>

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3.4 How to release eslint-config-openstack

Only follow these steps if you have authority to release a version of eslint-config-openstack.

1. Ensure that you have gpg set up locally. If you do not currently have gpg installed:

```
brew install gpg gpg2
```

Set up your gpg key:

https://wiki.openstack.org/wiki/Oslo/ReleaseProcess#Setting_Up_GPG

2. *git pull ff-only*
3. *git tag -s <version number>*
4. *git push gerrit <version number>*

Git wont have a remote named gerrit until the first time git-review runs. You may need to run `git review -s` before the push.

For more information see: <http://docs.openstack.org/infra/manual/drivers.html#tagging-a-release>