Contributing to Grape

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Grape is work of [hundreds of contributors](https://github.com/ruby-grape/grape/graphs/contributors). You're encouraged to submit [pull requests](https://github.com/ruby-grape/grape/pulls), [propose features and discuss issues](https://github.com/ruby-grape/grape/issues). When in doubt, ask a question in the [Grape Google Group](http://groups.google.com/group/ruby-grape).

#### Fork the Project

Fork the [project on Github](https://github.com/ruby-grape/grape) and check out your copy.

```

git clone https://github.com/contributor/grape.git

cd grape

git remote add upstream https://github.com/ruby-grape/grape.git

```

#### Create a Topic Branch

Make sure your fork is up-to-date and create a topic branch for your feature or bug fix.

```

git checkout master

git pull upstream master

git checkout -b my-feature-branch

```

#### Bundle Install and Test

Ensure that you can build the project and run tests.

```

bundle install

bundle exec rake

```

Run tests against all supported versions of Rails.

```

appraisal install

appraisal rake spec

```

#### Write Tests

Try to write a test that reproduces the problem you're trying to fix or describes a feature that you want to build. Add to [spec/grape](spec/grape).

We definitely appreciate pull requests that highlight or reproduce a problem, even without a fix.

#### Write Code

Implement your feature or bug fix.

Ruby style is enforced with [Rubocop](https://github.com/bbatsov/rubocop), run `bundle exec rubocop` and fix any style issues highlighted.

Make sure that `bundle exec rake` completes without errors.

#### Write Documentation

Document any external behavior in the [README](README.md).

#### Update Changelog

Add a line to [CHANGELOG](CHANGELOG.md) under \*Next Release\*. Make it look like every other line, including your name and link to your Github account.

#### Commit Changes

Make sure git knows your name and email address:

```

git config --global user.name "Your Name"

git config --global user.email "contributor@example.com"

```

Writing good commit logs is important. A commit log should describe what changed and why.

```

git add ...

git commit

```

#### Push

```

git push origin my-feature-branch

```

#### Make a Pull Request

Go to https://github.com/contributor/grape and select your feature branch. Click the 'Pull Request' button and fill out the form. Pull requests are usually reviewed within a few days.

#### Rebase

If you've been working on a change for a while, rebase with upstream/master.

```

git fetch upstream

git rebase upstream/master

git push origin my-feature-branch -f

```

#### Update CHANGELOG Again

Update the [CHANGELOG](CHANGELOG.md) with the pull request number. A typical entry looks as follows.

```

\* [#123](https://github.com/ruby-grape/grape/pull/123): Reticulated splines - [@contributor](https://github.com/contributor).

```

Amend your previous commit and force push the changes.

```

git commit --amend

git push origin my-feature-branch -f

```

#### Check on Your Pull Request

Go back to your pull request after a few minutes and see whether it passed muster with Travis-CI. Everything should look green, otherwise fix issues and amend your commit as described above.

#### Be Patient

It's likely that your change will not be merged and that the nitpicky maintainers will ask you to do more, or fix seemingly benign problems. Hang on there!

#### Thank You

Please do know that we really appreciate and value your time and work. We love you, really.