## Contributing

In the spirit of [free software][free-sw], \*\*everyone\*\* is encouraged to help

improve this project.

[free-sw]: http://www.fsf.org/licensing/essays/free-sw.html

Here are some ways \*you\* can contribute:

\* by using alpha, beta, and prerelease versions

\* by triaging bug reports

\* by writing or editing documentation

\* by writing specifications

\* by writing code (\*\*no patch is too small\*\*: fix typos, add comments, clean up

inconsistent whitespace)

\* by refactoring code

\* by fixing [issues][]

\* by reviewing patches

\* by suggesting new features

\* [financially][gittip]

[issues]: https://github.com/sferik/rails\_admin/issues

[gittip]: https://www.gittip.com/sferik/

## Development

### Running tests locally

To run the test suite, you need PhantomJS and ImageMagick (or GraphicsMagick).

Example on macOS using Homebrew:

brew cask install phantomjs

brew install imagemagick

bundle exec rspec

### Tests run against multiple versions of Rails

In CI, we use [appraisal] to run tests against multiple versions of Rails.

The [gemfiles/ directory] contains the Gemfiles used to create the CI build

matrix. See [the Travis CI configuration] for more details on what Ruby versions

run what Rails versions.

[appraisal]: https://github.com/thoughtbot/appraisal

[gemfiles/ directory]: ./gemfiles

[the Travis CI configuration]: ./.travis.yml

## Getting Help

We use a [mailing list][list] for user support. If you've got a "how do

I do this?" or "this doesn't seem to work the way I expect" type of

issue or just want some help, please post a message to the [mailing

list][list].

## Submitting an Issue

If you're confident that you've found a bug in

rails\_admin, please [open an issue][issues], but check to make sure it hasn't

already been submitted. When submitting a bug report, please include a

[Gist][] that includes a stack trace and any details that may be

necessary to reproduce the bug, including your gem version, Ruby

version, and operating system. Ideally, a bug report should include a

pull request with failing specs.

[gist]: https://gist.github.com/

[list]: http://groups.google.com/group/rails\_admin

## Submitting a Pull Request

1. [Fork the repository.][fork]

2. [Create a topic branch.][branch]

3. Add specs for your unimplemented feature or bug fix.

4. Run `bundle exec rake spec`. If your specs pass, return to step 3.

5. Implement your feature or bug fix.

6. Run `bundle exec rake default`. If your specs fail, return to step 5.

7. Run `open coverage/index.html`. If your changes are not completely covered

by your tests, return to step 3.

8. Add, commit, and push your changes.

9. [Submit a pull request.][pr]

[fork]: http://help.github.com/fork-a-repo/

[branch]: http://learn.github.com/p/branching.html

[pr]: http://help.github.com/send-pull-requests/