# Contributing to SlackRubyBot

This project is work of [many contributors](https://github.com/slack-ruby/slack-ruby-bot/graphs/contributors).

You're encouraged to submit [pull requests](https://github.com/slack-ruby/slack-ruby-bot/pulls), [propose features and discuss issues](https://github.com/slack-ruby/slack-ruby-bot/issues).

In the examples below, substitute your Github username for `contributor` in URLs.

## Fork the Project

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

```

git clone https://github.com/contributor/slack-ruby-bot.git

cd slack-ruby-bot

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

```

## Bundle Install and Test

Ensure that you can build the project and run tests. Make sure you have set `CONCURRENCY` env variable to one of the following: `celluloid-io`, `faye-websocket` or `async-websocket`.

```

export CONCURRENCY=async-websocket

bundle install

bundle exec rake

```

Take a look at the [travis configuration](https://github.com/slack-ruby/slack-ruby-bot/blob/master/.travis.yml) for more details.

## Run SlackRubyBot in Development

Create a private slack group for yourself.

Create a new Bot Integration under [services/new/bot](http://slack.com/services/new/bot).

![](screenshots/register-bot.png)

On the next screen, note the API token.

Run `SLACK\_API\_TOKEN=<your API token> foreman start`.

You can also create a `.env` file with `SLACK\_API\_TOKEN=<your API token>` and just run `foreman start`.

## 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

```

## 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](spec).

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/slack-ruby-bot 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/slack-ruby/slack-ruby-bot/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.