# Contributing to the Firebase Android Quickstarts

We'd love for you to contribute to our source code and to make the Firebase Android Quickstarts even better than it is today! Here are the guidelines we'd like you to follow:

- [Code of Conduct](#coc)

- [Question or Problem?](#question)

- [Issues and Bugs](#issue)

- [Feature Requests](#feature)

- [Submission Guidelines](#submit)

- [Coding Rules](#rules)

- [Signing the CLA](#cla)

## <a name="coc"></a> Code of Conduct

As contributors and maintainers of the Firebase Android Quickstarts project, we pledge to respect everyone who contributes by posting issues, updating documentation, submitting pull requests, providing feedback in comments, and any other activities.

Communication through any of Firebase's channels (GitHub, StackOverflow, Google+, Twitter, etc.) must be constructive and never resort to personal attacks, trolling, public or private harassment, insults, or other unprofessional conduct.

We promise to extend courtesy and respect to everyone involved in this project regardless of gender, gender identity, sexual orientation, disability, age, race, ethnicity, religion, or level of experience. We expect anyone contributing to the project to do the same.

If any member of the community violates this code of conduct, the maintainers of the Firebase Android Quickstarts project may take action, removing issues, comments, and PRs or blocking accounts as deemed appropriate.

If you are subject to or witness unacceptable behavior, or have any other concerns, please drop us a line at nivco@google.com.

## <a name="question"></a> Got a Question or Problem?

If you have questions about how to use the Firebase Android Quickstarts, please direct these to [StackOverflow][stackoverflow] and use the `firebase` tag. We are also available on GitHub issues.

If you feel that we're missing an important bit of documentation, feel free to

file an issue so we can help. Here's an example to get you started:

```

What are you trying to do or find out more about?

Where have you looked?

Where did you expect to find this information?

```

## <a name="issue"></a> Found an Issue?

If you find a bug in the source code or a mistake in the documentation, you can help us by

submitting an issue to our [GitHub Repository][github]. Even better you can submit a Pull Request

with a fix.

See [below](#submit) for some guidelines.

## <a name="submit"></a> Submission Guidelines

### Submitting an Issue

Before you submit your issue search the archive, maybe your question was already answered.

If your issue appears to be a bug, and hasn't been reported, open a new issue. Please fill out

all information in the issue template to maximize the chance that we can help you.

\*\*If you get help, help others. Good karma rulez!\*\*

### Submitting a Pull Request

Before you submit your pull request consider the following guidelines:

\* Search [GitHub](https://github.com/firebase/firebase-quickstart-web/pulls) for an open or closed Pull Request

that relates to your submission. You don't want to duplicate effort.

\* Please sign our [Contributor License Agreement (CLA)](#cla) before sending pull

requests. We cannot accept code without this.

\* Make your changes in a new git branch:

```shell

git checkout -b my-fix-branch master

```

\* Create your patch, \*\*including appropriate test cases\*\*.

\* Follow our [Coding Rules](#rules).

\* Avoid checking in files that shouldn't be tracked (e.g `\*.class`, `.idea`, `.tmp`). We recommend using a [global](#global-gitignore) gitignore for this.

\* Commit your changes using a descriptive commit message.

```shell

git commit -a

```

Note: the optional commit `-a` command line option will automatically "add" and "rm" edited files.

\* Build your changes locally to ensure all the tests pass:

```shell

./gradlew build

```

\* Push your branch to GitHub:

```shell

git push origin my-fix-branch

```

\* In GitHub, send a pull request to `firebase-quickstart-android:master`.

\* If we suggest changes then:

\* Make the required updates.

\* Rebase your branch and force push to your GitHub repository (this will update your Pull Request):

```shell

git rebase master -i

git push origin my-fix-branch -f

```

That's it! Thank you for your contribution!

#### After your pull request is merged

After your pull request is merged, you can safely delete your branch and pull the changes

from the main (upstream) repository:

\* Delete the remote branch on GitHub either through the GitHub Android UI or your local shell as follows:

```shell

git push origin --delete my-fix-branch

```

\* Check out the master branch:

```shell

git checkout master -f

```

\* Delete the local branch:

```shell

git branch -D my-fix-branch

```

\* Update your master with the latest upstream version:

```shell

git pull --ff upstream master

```

## <a name="rules"></a> Coding Rules

Try to follow the same code style you see in the repository.

## <a name="cla"></a> Signing the CLA

Please sign our [Contributor License Agreement][google-cla] (CLA) before sending pull requests. For any code

changes to be accepted, the CLA must be signed. It's a quick process, we promise!

\*This guide was inspired by the [AngularJS contribution guidelines](https://github.com/angular/angular.js/blob/master/CONTRIBUTING.md).\*

[github]: https://github.com/firebase/quickstart-android

[google-cla]: https://cla.developers.google.com

[stackoverflow]: http://stackoverflow.com/questions/tagged/firebase

[global-gitignore]: https://help.github.com/articles/ignoring-files/#create-a-global-gitignore