# Contributing Guideline

Welcome contributing to Longhorn!

This guideline applies to all the repositories under Longhorn.

Contributing to Longhorn is not limited to writing the code or submitting the PR. We will also appreciate if you can file issues, provide feedback and suggest new features. In fact, many of Longhorn's features are driven by the community's need. The community plays a big role in the development of Longhorn.

Of course, contributing the code is more than welcome. To make things simpler, if you're fixing a small issue (e.g. typo), go ahead submitting a PR and we will pick it up; but if you're planning to submit a bigger PR to implement a new feature, it's easier to submit a new issue to discuss the design with the maintainers first before implementing it.

When you're ready to get involved in contributing the code, [this developer guide](https://github.com/longhorn/longhorn/wiki/Getting-started-with-Longhorn-Development) should help you to get up to the speed. And remember to [sign off your commits](#dco-sign-off)!

Feel free to join the discussion on Longhorn development at [longhorn-dev](https://rancher-users.slack.com/messages/CMLPKMYDC) slack channel.

Happy contributing!

## DCO Sign off

All authors to the project retain copyright to their work. However, to ensure

that they are only submitting work that they have rights to, we are requiring

everyone to acknowledge this by signing their work.

Any copyright notices in this repo should specify the authors as "the Longhorn contributors".

To sign your work, just add a line like this at the end of your commit message:

```

Signed-off-by: Sheng Yang <sheng.yang@rancher.com>

```

This can easily be done with the `--signoff/-s` option to `git commit`.

By doing this you state that you can certify the following (from https://developercertificate.org/):

```

Developer Certificate of Origin

Version 1.1

Copyright (C) 2004, 2006 The Linux Foundation and its contributors.

1 Letterman Drive

Suite D4700

San Francisco, CA, 94129

Everyone is permitted to copy and distribute verbatim copies of this

license document, but changing it is not allowed.

Developer's Certificate of Origin 1.1

By making a contribution to this project, I certify that:

(a) The contribution was created in whole or in part by me and I

have the right to submit it under the open source license

indicated in the file; or

(b) The contribution is based upon previous work that, to the best

of my knowledge, is covered under an appropriate open source

license and I have the right under that license to submit that

work with modifications, whether created in whole or in part

by me, under the same open source license (unless I am

permitted to submit under a different license), as indicated

in the file; or

(c) The contribution was provided directly to me by some other

person who certified (a), (b) or (c) and I have not modified

it.

(d) I understand and agree that this project and the contribution

are public and that a record of the contribution (including all

personal information I submit with it, including my sign-off) is

maintained indefinitely and may be redistributed consistent with

this project or the open source license(s) involved.

```