# Contributing to Kui

This page contains information about reporting issues, how to suggest changes

as well as the guidelines we follow for how our documents are formatted.

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## Reporting an Issue

To report an issue, or to suggest an idea for a change that you haven't

had time to write-up yet, open an

[issue](https://github.com/IBM/kui/issues). It is best to check

our existing [issues](https://github.com/IBM/kui/issues) first

to see if a similar one has already been opened and discussed.

## Suggesting a Change

To suggest a change to this repository, submit a [pull

request](https://github.com/IBM/kui/pulls)(PR) with the complete

set of changes you'd like to see. See the

[Spec Formatting Conventions](#spec-formatting-conventions) section for

the guidelines we follow for how documents are formatted.

Each PR must be signed per the following section.

### Assigning and Owning work

If you want to own and work on an issue, add a comment or “#dibs” it asking

about ownership. A maintainer will then add the Assigned label and modify

the first comment in the issue to include `Assigned to: @person`

### Git Commit Guidelines

#### Conventional Commits

This project uses [Conventional Commits](https://www.conventionalcommits.org) as a guide for commit messages. Please ensure that your commit message follows this structure:

```

type(component?): message

```

\_type\_ is one of: feat, fix, docs, chore, style, refactor, perf, test

\_component\_ optionally is the name of the module you are fixing; either "core" or a named module in `plugins/` directory. Note: Please specify the full name of the module (e.g. plugin-bash-like) instead of abbreviation. It helps us generate the correct CHANGELOG.md.

#### Sign your work

The sign-off is a simple line at the end of the explanation for the patch. Your

signature certifies that you wrote the patch or otherwise have the right to pass

it on as an open-source patch. The rules are pretty simple: if you can certify

the below (from [developercertificate.org](http://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.

```

Then you just add a line to every git commit message:

Signed-off-by: Joe Smith <joe.smith@email.com>

Use your real name (sorry, no pseudonyms or anonymous contributions.)

If you set your `user.name` and `user.email` git configs, you can sign your

commit automatically with `git commit -s`.

Note: If your git config information is set properly then viewing the

`git log` information for your commit will look something like this:

```

Author: Joe Smith <joe.smith@email.com>

Date: Thu Feb 2 11:41:15 2018 -0800

docs: Update README

Signed-off-by: Joe Smith <joe.smith@email.com>

```

Notice the `Author` and `Signed-off-by` lines match. If they don't

your PR will be rejected by the automated DCO check.

## Spec Formatting Conventions

Documents in this repository will adhere to the following rules:

- Lines are wrapped at 80 columns (when possible)

- Specifications will use [RFC2119](https://tools.ietf.org/html/rfc2119)

keywords to indicate normative requirements