# Contributing to Fabric

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## Questions?!?

To get your questions answered, please ask/search on [Fabric's google group], [StackOverflow] or on Fabric's IRC channel (irc://irc.freenode.net/#fabric.js).

Please do not open an issue if you're not sure it's a bug or if it's not a feature/suggestion.

For news about Fabric you can follow [@fabric.js], [@AndreaBogazzi], [@kangax], or [@kienzle\_s] on Twitter.

Demos and examples can be found on [jsfiddle], [codepen.io] and [fabricjs.com].

## Issue tracker

If you are sure that it's a bug in Fabric.js or a suggestion, open a new [issue] and try to answer the following questions:

- What did you do?

- What did you expect to happen?

- What happened instead?

### Issue tracker guidelines

- \*\*Search:\*\* Before opening a new issue please [search](https://github.com/fabricjs/fabric.js/search?q=&ref=cmdform&type=Issues) Fabric's existing issues.

- \*\*Title:\*\* Choose an informative title.

- \*\*Description:\*\* Use the questions above to describe the issue. Add logs, screenshots or videos if that makes sense.

- \*\*Test case:\*\* Please post code to replicate the bug - best on [jsfiddle](http://jsfiddle.net). Ideally a failing test would be

perfect, but even a simple script demonstrating the error would suffice. You could use [this jsfiddle template](http://jsfiddle.net/fabricjs/Da7SP/) as a

starting point.

- \*\*Fabric.js version:\*\* Make sure to specify which version of Fabric.js you are using. The version can be found in [fabric.js file](https://github.com/fabricjs/fabric.js/blob/master/dist/fabric.js#L5) or just by executing `fabric.version` in the browser console.

## Pull requests

We are very grateful for your pull requests! This is your chance to improve Fabric for everyone else.

### Online one-click setup for making PRs

Contribute to fabricjs using a fully featured online development environment that will automatically with a single click: clone the repo and install the dependencies.

[![Open in Gitpod](https://gitpod.io/button/open-in-gitpod.svg)](https://gitpod.io/from-referrer/)

### Pull request guidelines

Here are a few notes you should take into account:

- \*\*Code style, notes:\*\* Make sure you have complied with the [guidelines](https://github.com/fabricjs/fabric.js/wiki/How-to-contribute-to-Fabric#code-style-notes)

- \*\*Distribution files:\*\* Do your changes only in the [source files](https://github.com/fabricjs/fabric.js/tree/master/src). Don't include the [distribution files](https://github.com/fabricjs/fabric.js/tree/master/dist) in your commit.

- \*\*Add tests\*\*: Tests are always a great addition - invest a little time and expand the [unit tests suite](https://github.com/fabricjs/fabric.js/tree/master/test/unit). More informations about [QUnit](http://qunitjs.com/) tests can be found in the [wiki](https://github.com/fabricjs/fabric.js/wiki/How-to-contribute-to-Fabric#testing-fabric).

- \*\*Add documentation:\*\* Fabric uses [JSDoc 3] for documentation. The generated documentation can be found at [fabricjs.com](http://fabricjs.com/docs).

- \*\*Create topic branches.\*\* Don't use your master branch for pull request. It's better to create a new branch for every pull request.

- \*\*One pull request per feature/bug\*\*. If you want to do more than one thing, send multiple pull requests.

- \*\*And there you go!\*\* If you still have questions we're always happy to help. Also feel free to consult [wiki](https://github.com/fabricjs/fabric.js/wiki/How-to-contribute-to-Fabric).

[Fabric's google group]: https://groups.google.com/forum/#!forum/fabricjs

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

[@fabric.js]: https://twitter.com/fabricjs

[@AndreaBogazzi]: https://twitter.com/AndreaBogazzi

[@kangax]: https://twitter.com/kangax

[@kienzle\_s]: https://twitter.com/kienzle\_s

[jsfiddle]: http://jsfiddle.net/user/fabricjs/fiddles

[codepen.io]: http://codepen.io/tag/fabricjs

[fabricjs.com]: http://fabricjs.com/demos

[fabricjs.com/docs]: http://fabricjs.com/docs

[JSDoc 3]: http://usejsdoc.org/

[issue]: https://github.com/kangax/fabric.js/issues