# Contributing to speedscope

Hi! This is a short guide & set of guidelines for contributing to speedscope.

Contributors of all skill levels are welcome to submit pull requests.

This project adheres to the Contributor Covenant [code of conduct](./CODE\_OF\_CONDUCT.md).

All contributors are expected to uphold this code of conduct.

## Setting up for development

To start running speedscope locally, run the following:

git clone https://github.com/jlfwong/speedscope.git

cd speedscope

npm install

npm run serve

This should open up a running version of speedscope in your default browser.

In your terminal, you should see something like this:

$ npm run serve

> speedscope@0.7.1 serve /Users/jlfwong/code/speedscope

> parcel assets/index.html --open --no-autoinstall

Server running at http://localhost:1234

? Built in 7.30s.

Most of speedscope is written in TypeScript. If you're unfamiliar with

TypeScript, then you can either just try to learn it as you go, then the

[official TypeScript

documentation](https://www.typescriptlang.org/docs/home.html) may be of use

to you!

If you're not sure where the code you want to modify lives, the [`README.md`

in the `src/` directory](./src/README.md) might be helpful.

## Code formatting

All TypeScript code in speedscope is automatically formatted with

[Prettier](https://prettier.io/). This means that while you're writing your code,

you don't have to worry about following a formatting guide, because a program will

format your code for you!

The easiest way to use Prettier is via an editor integration. See the [Editor

Integration](https://prettier.io/docs/en/editors.html) page from Prettier's

documentation for help with that.

If you don't want to do that, you can alternatively run the autoformatter by

running `npm run prettier`.

## Running tests

All TypeScript tests are written use [Jest](https://jestjs.io/). To run the

tests, run `npm run jest`.

## Contributing new features

Before contributing code to implement a new feature, please open an issue to

discuss it first. Large pull requests that are submitted without first getting

maintainer buy-in are unlikely to be reviewed or merged.

For features that will cause a visual change, please include visual mockups of

the change you're planning on making.

## Contributing bug fixes

If you discover a bug, please file an issue. If the code change required to

fix it is small (< ~20 lines), then feel free to just open a PR to fix the

issue without trying to get buy-in ahead of time.