* [Chart.js](http://docs.google.com/)
* [Getting Started](http://docs.google.com/getting-started/)
  + [Installation](http://docs.google.com/getting-started/installation.html)
  + [Integration](http://docs.google.com/getting-started/integration.html)
  + [Usage](http://docs.google.com/getting-started/usage.html)
* [General](http://docs.google.com/general/)
  + [Responsive](http://docs.google.com/general/responsive.html)
  + [Pixel Ratio](http://docs.google.com/general/device-pixel-ratio.html)
  + [Interactions](http://docs.google.com/general/interactions/)
    - [Events](http://docs.google.com/general/interactions/events.html)
    - [Modes](http://docs.google.com/general/interactions/modes.html)
  + [Options](http://docs.google.com/general/options.html)
  + [Colors](http://docs.google.com/general/colors.html)
  + [Fonts](http://docs.google.com/general/fonts.html)
* [Configuration](http://docs.google.com/configuration/)
  + [Animations](http://docs.google.com/configuration/animations.html)
  + [Layout](http://docs.google.com/configuration/layout.html)
  + [Legend](http://docs.google.com/configuration/legend.html)
  + [Title](http://docs.google.com/configuration/title.html)
  + [Tooltip](http://docs.google.com/configuration/tooltip.html)
  + [Elements](http://docs.google.com/configuration/elements.html)
* [Charts](http://docs.google.com/charts/)
  + [Line](http://docs.google.com/charts/line.html)
  + [Bar](http://docs.google.com/charts/bar.html)
  + [Radar](http://docs.google.com/charts/radar.html)
  + [Doughnut & Pie](http://docs.google.com/charts/doughnut.html)
  + [Polar Area](http://docs.google.com/charts/polar.html)
  + [Bubble](http://docs.google.com/charts/bubble.html)
  + [Scatter](http://docs.google.com/charts/scatter.html)
  + [Area](http://docs.google.com/charts/area.html)
  + [Mixed](http://docs.google.com/charts/mixed.html)
* [Axes](http://docs.google.com/axes/)
  + [Cartesian](http://docs.google.com/axes/cartesian/)
    - [Category](http://docs.google.com/axes/cartesian/category.html)
    - [Linear](http://docs.google.com/axes/cartesian/linear.html)
    - [Logarithmic](http://docs.google.com/axes/cartesian/logarithmic.html)
    - [Time](http://docs.google.com/axes/cartesian/time.html)
  + [Radial](http://docs.google.com/axes/radial/)
    - [Linear](http://docs.google.com/axes/radial/linear.html)
  + [Labelling](http://docs.google.com/axes/labelling.html)
  + [Styling](http://docs.google.com/axes/styling.html)
* [Developers](http://docs.google.com/)
  + [Chart.js API](http://docs.google.com/api.html)
  + [Updating Charts](http://docs.google.com/updates.html)
  + [Plugins](http://docs.google.com/plugins.html)
  + [New Charts](http://docs.google.com/charts.html)
  + [New Axes](http://docs.google.com/axes.html)
  + [Contributing](http://docs.google.com/contributing.html)
* [Additional Notes](http://docs.google.com/notes/)
  + [Comparison Table](http://docs.google.com/notes/comparison.html)
  + [Popular Extensions](http://docs.google.com/notes/extensions.html)
  + [License](http://docs.google.com/notes/license.html)
* [Published with GitBook](https://www.gitbook.com)

[**Contributing**](http://docs.google.com/)

Contributing

New contributions to the library are welcome, but we ask that you please follow these guidelines:

* Use tabs for indentation, not spaces.
* Only change the individual files in /src.
* Check that your code will pass eslint code standards, gulp lint will run this for you.
* Check that your code will pass tests, gulp test will run tests for you.
* Keep pull requests concise, and document new functionality in the relevant .md file.
* Consider whether your changes are useful for all users, or if creating a Chart.js [plugin](http://docs.google.com/plugins.html) would be more appropriate.
* Avoid breaking changes unless there is an upcoming major release, which are infrequent. We encourage people to write plugins for most new advanced features, so care a lot about backwards compatibility.

# Joining the project

Active committers and contributors are invited to introduce yourself and request commit access to this project. We have a very active Slack community that you can join [here](https://chartjs-slack.herokuapp.com/). If you think you can help, we'd love to have you!

# Building and Testing

Chart.js uses [gulp](http://gulpjs.com/) to build the library into a single JavaScript file.

Firstly, we need to ensure development dependencies are installed. With node and npm installed, after cloning the Chart.js repo to a local directory, and navigating to that directory in the command line, we can run the following:

> npm install  
> npm install -g gulp

This will install the local development dependencies for Chart.js, along with a CLI for the JavaScript task runner [gulp](http://gulpjs.com/).

The following commands are now available from the repository root:

> gulp build // build Chart.js in ./dist  
> gulp unittest // run tests from ./test/specs  
> gulp unittest --watch // run tests and watch for source changes  
> gulp unittest --coverage // run tests and generate coverage reports in ./coverage  
> gulp lint // perform code linting (ESLint)  
> gulp test // perform code linting and run unit tests  
> gulp docs // build the documentation in ./dist/docs

More information can be found in [gulpfile.js](https://github.com/chartjs/Chart.js/blob/master/gulpfile.js).

# Bugs and Issues

Please report these on the GitHub page - at [github.com/chartjs/Chart.js](https://github.com/chartjs/Chart.js). Please do not use issues for support requests. For help using Chart.js, please take a look at the [chartjs](http://stackoverflow.com/questions/tagged/chartjs) tag on Stack Overflow.

Well structured, detailed bug reports are hugely valuable for the project.

Guidelines for reporting bugs:

* Check the issue search to see if it has already been reported
* Isolate the problem to a simple test case
* Please include a demonstration of the bug on a website such as [JS Bin](http://jsbin.com/), [JS Fiddle](http://jsfiddle.net/), or [Codepen](http://codepen.io/pen/). ([Template](http://codepen.io/pen?template=JXVYzq))

Please provide any additional details associated with the bug, if it's browser or screen density specific, or only happens with a certain configuration or data.

results matching ""

No results matching ""