# Contributing

The `javascript-state-machine` library is built using:

\* [Webpack 2](https://webpack.js.org/concepts/) - for bundling javascript modules together

\* [UglifyJS2](https://github.com/mishoo/UglifyJS2) - for minifying bundled javascript files

\* [Ava](https://github.com/avajs/ava) - for testing

The directory structure includes:

```shell

/bin # - build scripts

/dist # - minified bundles for distribution

/docs # - documentation

/examples # - example visualizations

/lib # - bundled source code for npm

/src # - source code

/test # - unit tests

package.json # - npm configuration

webpack.config.js # - webpack configuration

LICENSE # - the project licensing terms

README.md # - the project readme

RELEASE\_NOTES.md # - the project release notes

```

Build time dependencies can be installed using npm:

```shell

> npm install

```

A number of npm scripts are available:

```shell

> npm run test # run unit tests

> npm run build # bundle and minify files for distribution

> npm run watch # run tests if source files change

```

## Source Code

The source code is written in es5 syntax and should be supported by all [es5 compatible browsers](http://caniuse.com/#feat=es5).

[Babel](https://babeljs.io/) is \*\*NOT\*\* used for this project. Webpack is used to

bundle modules together for distribution.

## Submitting Pull Requests

Generally speaking, please raise an issue first and lets discuss the problem and the

proposed solution. The next step would be a pull-request - fantastic and thank you for helping out - but

please try to...

\* ensure the tests pass (`npm test`).

\* rebuild distribution files (`npm run build`).

\* include tests for your changes.

\* include documentation for your changes.

\* include a great commit message.