# Contributing

## Development server

When developing, run the following from the root-level directory:

```bash

npm install

npm run build

npm start

```

All packages will be live-built, and a live development server showcasing components with hot reload enabled will then run at [localhost:8080](http://localhost:8080).

## Coding style

All the JavaScript code in this project conforms to the [prettier](https://github.com/prettier/prettier) coding style. Code is automatically prettified upon commit using precommit hooks.

## Documentation

We use [mkdocs](https://www.mkdocs.org/) to build our documentation. To run documentation locally, run:

```bash

pip install -r requirements.docs.txt

mkdocs serve

```

Documentation will be served on [localhost:8000](http://localhost:8000).

## Tests

```bash

npm test

```

### Code coverage

Code coverage reports are currently available only for the `@rjsf/core` package. They are generated using [nyc](https://github.com/istanbuljs/nyc) each time the `npm test-coverage` script is run.

The full report can be seen by opening `./coverage/lcov-report/index.html`.

## Releasing

To release, run:

```bash

lerna version

lerna run build

lerna publish from-git

```

Make sure you use [semver](https://semver.org/) for version numbering. Once a new version has been released, create a release in the Github "Releases" tab and add the version history.

### Releasing docs

Docs are automatically released using [Read The Docs](https://readthedocs.org/) based on the latest commits from the `master` branch.

### Releasing the playground

In order to publish the latest playground to [https://rjsf-team.github.io/react-jsonschema-form/](https://rjsf-team.github.io/react-jsonschema-form/) after a new rjsf release, run:

```bash

cd packages/playground

npm run publish-to-gh-pages

```