CONTRIBUTING

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1. Fork the repo and clone locally

2. In locally cloned repo: `npm install && npm run setup`

\* This will the build fro the library and all the demo apps

3. Prove existing code:

\* Run the unit tests: `npm test`

\* Run the end-to-end tests (see section below)

4. Make changes in `src` folder

\* \*\*Tip\*\*: use `npm run test:w` to verify your changes on save

5. Add additional unit tests in `test` folder. These should cover your changes

6. \*Optionally\* add end-to-end tests in `e2e` folder

7. Prove changes:

\* Run the unit tests: `npm test`

\* Run the end-to-end tests (see section below)

8. Commit changes: `npm run cm`

- why use \*\*npm\*\* and not \*\*git\*\* to commit? See "Conventional commit message" section below

9. Push your changes to your fork and submit a pull request

## Running end-to-end tests

\* In one terminal window: `npm run e2e-server`

\* In another terminal window: `npm run e2e`

\* \*\*Tip\*\*: use `npm run e2e-only` if you already have built source code (ie you've `npm run setup` or `npm run build:all`)

## Conventional commit message

This project uses the structure of the commit message to:

1. Generate release notes like you see in [this release](https://github.com/esvit/ng-table/releases/tag/v2.0.0)

2. Generate the next version number for the npm package using the rules of [semver](http://semver.org/)

3. Trigger the publish a release of this library to npm using [semantic-release](https://github.com/semantic-release/semantic-release)

These conventions are detailed here: [angular commit message conventions](https://github.com/conventional-changelog/conventional-changelog-angular/blob/master/convention.md)

### Commitizen command line tool

To help you to follow these conventions this project uses [Commitizen](https://github.com/commitizen/cz-cli).

Commitizen provides a command line tool that will help you create a commit message that matches these conventions.

To lauch this tool we use `npm run cm`.

## Releasing

See the [releasing](RELEASING.md) guidelines.