### Preparing Majestic

- Clone this repository

- Install dependencies with `yarn install`

### Running Majestic

Majestic has 2 main components as follows

- The UI written in React JS and GraphQL

- The UI source is in `./ui` - Running `yarn ui` will start the webpack dev server

- A Node JS GraphQL server

- The server source is in `./server`

- Create a sample projector use one of your project with Jest so you can test your changes

- If you are using VSCode, edit the `\.vscode\launch.json` file and change the `ROOT` directory to your sample project and then you can press `F5` to run the server.

- If you are not using VSCode, edit the `\server\services\cli.ts` file and change the root path so you test with your sample project and then running `yarn watch-server` will start the server in watch mode

## Running integration test

We have a couple of integration tests written using [Cypress](https://www.cypress.io/) available in the `./integration` folder.

To run the integration test

- Do a production build by running `yarn prod`

- `cd ./integration`

- Run `yarn prepare-packages` to install required packages

- Run `yarn run-integration` to run the integration tests

### Building Production Bundle

The UI is built by Webpack and the server is also built by Webpack to decrease install times.

Run `yarn prod` to build a production bundle and the artifacts would be available in `dist` folder.

### Publishing a new release

Running `yarn ship` will perform a production build and will publish a new version to npm.