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Truffle React TypeScript Template

Getting Started

1. Install [Truffle](#)
2. and an Ethereum client - like [EthereumJS TestRPC](#)
3. `.npm install -g truffle`
4. `npm install -g ethereumjs-testrpc`
5. Launch [testrpc](#)
6. `.testrpc`
7. Migrate the contracts with `truffle.truffle migrate`
8. Run the webpack server for front-end hot reloading `npm run dev`

Tests

This box comes with truffle contracts testing and front-end testing with jest 1. Truffle contract tests

truffle test 1. Jest tests `npm run test`

Building for Production

1. Migrate the contracts with `truffle.truffle migrate`
2. Create production bundle `npm run build`
3. The production build will be compiled in the `build/app` folder.

Directory Structure

`\build \app` (Production app dist) `\contracts` (Migrated contracts) `\config \jest` (Jest config and polyfills) `\contracts` (Solidity source) `\migrations` (Migration scripts) `\public` (Public html) `\src` (React app source) `\test` (Contract tests)

FAQ

- My imported CSS doesn't work?

I use CSS modules in webpack. If you don't want it, `openwebpack.config.ts` , `changemodules: true to modules: false` under `css-loader` .

- Can I change what gets included in the vendor bundle?

`Openwebpack.config.ts` and edit the `vendor_bundle` array under `entry` .