

React Web3 Redux Todo Truffle Box¶

This box comes with everything you need to start using smart contracts from a react app. This is as barebones as it gets, so nothing stands in your way.

Installation¶

1. Install Truffle and an Ethereum client. For local development, try EthereumJS TestRPC.
2. npm
3. install
4. -
5. g
6. truffle
7. // Version 3.0.5+ required.
8. npm
9. install
10. -
11. g
12. ethereumjs
13. -
14. testrpc
15. Unbox in the project directory. This will also install the dependencies.
16. truffle
17. unbox
18. shanejonas
19. /
20. react
21. -
22. box
23. -
24. web3
25. -
26. todo
27. .
28. git
29. Compile and migrate the contracts.
30. truffle
31. compile
32. truffle
33. migrate
34. Run the webpack server for front-end hot reloading. For now, smart contract changes must be manually recompiled and migrated.
35. npm
36. run
37. start
38. Jest is included for testing React components and Truffle's own suite is included for smart contracts. Be sure you've compile your contracts before running jest, or you'll receive some file not found errors.
39. // Runs Jest for component tests.
40. npm
41. run
42. test
43. // Runs Truffle's test suite for smart contract tests.
44. truffle
45. test
46. To build the application for production, use the build command. A production build will be in the build_webpack folder.
47. npm
48. run
49. build

FAQ¶

- Why is there both a truffle.js file and a truffle-config.js file?
- Truffle requires the truffle.js file be named truffle-config on Windows machines. Feel free to delete the file that doesn't correspond to your platform.
- Where is my production build?
- The production build will be in the build_webpack folder. This is because Truffle outputs contract compilations to the

build folder.

- Where can I find more documentation?
- This Truffle Box is a marriage of [Truffle](#)
- and a React setup created with [create-react-app](#)
- . Either one would be a great place to start!