

# Nuxt-box¶

Nuxt-box is a truffle box using the [Nuxt.js](#) framework to create a [Vue.js](#) application that can interact with the smart contracts on [Ethereum](#) .

## Setup & Installation¶

- Install [truffle](#)
- `:npm i -g truffle`
- Download the box. This also takes care of installing the necessary dependencies: `truffle unbox Paperchain/nuxt-box`
- Install [Metamask browser extension](#)

## Running the Application¶

If you have MetaMask set for your browser, configure a Custom RPC with address: `http://localhost:9545` from Metamask Networks tab. 1) Open terminal and run the development server: `truffle develop` 2) Connect local-rpc account with MetaMask. Follow [this answer](#) on Ethereum StackExchange. This account will have tokens and ether for transactions. 3) Deploy the contracts to the local-rpc: `migrate --reset` 4) Copy the token address from the terminal:

EIP20: `0x345ca3e014aaf5dca488057592ee47305d9b3e10` 5) Paste the token address to `src/store/eip20.js` where it says:

```
const tokenAddress = '0x345ca3e014aaf5dca488057592ee47305d9b3e10' // insert deployed EIP20 token address here
```

6) Open a new terminal tab and run the webapp: `npm run dev`

## Web App Commands¶

### install dependencies

`npm install`

### Or yarn install

### serve with hot reload at localhost:3000

`npm run dev` # build for production and launch server

`npm run build`

`npm start` # generate static project using

`npm run generate` # lint or lintfix

`npm run lint`

`npm run lintfix`

## Truffle Commands¶

### run contract tests

`truffle test`

### run truffle development mode (run local blockchain)

`truffle develop` # deploy contracts to local blockchain

`truffle migrate --reset`

`migrate --reset` ( when in

development mode)

## Credits¶

For example purposes this boilerplate uses [EIP20 token contracts made by ConsenSys](#).