

Express-Box¶

To Be Used as Truffle Box Creating API Endpoints for Ethereum Blockchain.

We use personalised blockchain for Ethereum Blockchain Development. This personalised blockchain is made in the GanacheCLI.

The Smart Contract Written in solidity language is deployed on this Ethereum Blockchain. Smart Contract is Immutable hence, once deployed it can't be changed.

A truffle box to serve as the foundation of any Truffle and Express.js dApp.

This Box Uses NodeJS(Express JS) to provide API endpoints to the Ethereum Blockchain smart contract so that this smart contract can be used in Android Apps as well.

Pre-Requisites 1.[NodeJS](#) 2. A Package Manager for NodeJS, such as [Yarn](#) or npm (comes pre-installed with NodeJS) 3.[GanacheCLI](#) 4.[Truffle](#)

Installation 1. Install Truffle and Ganache CLI globally. If you prefer, the graphical version of Ganache works as well!

npm install -g truffle npm install -g ganache-cli

1. Download the box. This also takes care of installing the necessary dependencies.

truffle unbox arvindkalra/express-box 1. Install all the node modules required by running:// install all the node modules using npm 2. npm 3. install 4. or if you prefer yarn//install all the node modules using yarn 5. yarn 6. install 7. Start truffle development console usingtruffle develop 8. Inside the truffle console runcompile 9. to compile the contracts 10. You can see that a new/build 11. folder has been created in the root directory which contains the compiled contracts. 12. Now these contracts need to be deployed on the Blockchain. For this, runmigrate 13. inside the truffle development console 14. To run the Express serveryarn start 15. ornpm start 16. In the browser window openhttp://localhost:3000/ 17. .

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