

# Koa-Box

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

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

- Production grade lightweight JSON based logging utility
- configurable env's based on current NODE\_ENV
- Error handling middlewares
- Easily pluggable controllers and routers
- The project structure is highly modular and can be directly used or extended for production purpose

Pre-Requisites 1.[NodeJS](#) 2.[Yarn](#) Or [NPM](#) 3.[GanacheCLI](#) 4.[Truffle](#)

Installation 1. Install Truffle and Ganache CLI globally.

npm install -g truffle npm install -g ganache-cli 1. Download the box. This also takes care of installing the necessary dependencies.

truffle unbox manjeet-thadani/koa-trufflebox 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 Koa server yarn start 15. or npm start 16. In the browser window openhttp://localhost:8081/ 17. .

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