

How to set up:

install ganache: <https://archive.trufflesuite.com/ganache/>

When creating your project you will add truffle project with path to truffle-configs

## WORKSPACE

WORKSPACE NAME

nutty-drum

A friendly name for this workspace.

TRUFFLE PROJECTS

/Users/rileythompson/blockchainClass/blockchainproject/truffle-config.js

Link Truffle projects to this workspace by adding their truffle-config.js or truffle.js file to this workspace.

This will show useful contract and event data to better understand what's going on under the hood.

ADD PROJECT

REMOVE PROJECT

You will need to install truffle and whatever other dependencies and libraries are in the program, should give error if you don't have them.

You have to change contract address at top of app.js for now every time you deploy contract:

```
const contractAddress = '0x54E9DFD9fF276B30ce82e8A7797236DEb2645aDA';
```

Also if you change a contract or add a contract, you will have to change `const contractAddress = ''`; in app.js to whatever the address contract was deployed to, which would show after you truffle migrate(command below).

Also you need to install and download metamask, then you will connect it to your local ganache blockchain network [HTTP://127.0.0.1:7545](http://127.0.0.1:7545), add a network manually with these configurations and then go and be on that network:

**Network name**

**New RPC URL**


**Chain ID** ⓘ

**Currency symbol**

Ticker symbol verification data is currently unavailable, make sure that the symbol you have entered is correct. It will impact the conversion rates that you see for this network

**Block explorer URL** (Optional)

Then you add whatever accounts you need



**class1**


\$0.10 USD

⋮

0xAD304...3405A

99.983 EXP

Imported



**class2**


\$0.10 USD

⋮

0x4D0d7...eA473

99.999 EXP

Imported



**Hidden accounts**

1

⌵

+ Add account or hardware wallet

And do do this you would click add account -> import account, then copy a private key from your ganache application

Ganache

ACCOUNTS

BLOCKS

TRANSACTIONS

CONTRACTS

EVENTS

LOGS

SEARCH FOR BLOCK NUMBERS OR TX HASHES

Q

CURRENT BLOCK

57

GAS PRICE

20000000000

GAS LIMIT

6721975

HARDFORK

MERGE

NETWORK ID

5777

RPC SERVER

HTTP://127.0.0.1:7545

MINING STATUS

AUTOMINING

WORKSPACE

NUTTY-DRUM

SWITCH

⚙️

MNEMONIC ⓘ

distance worth blood member occur please twelve slush bundle option stove bench

HD PATH

m44'60'0'0account\_index

ADDRESS

0xAD3042c557885CEc18fc3874A1C7C8079353405A

BALANCE

99.98 ETH

TX COUNT

52

INDEX

0

Show Keys

🔑

Where it says show keys you click on that and copy the private key and put it in enter your private key string, then your account and any account you want(infinite people) can be tested

To compile migrate and run do:

```
truffle compile --reset
```

```
truffle migrate --reset
```

```
npm run dev
```

Or you can do

```
truffle compile --reset
```

```
truffle migrate --reset
```

```
python3 -m http.server
```

Then type in localhost:8000 into your browser

Whatever one above works, whatever you prefer