

README

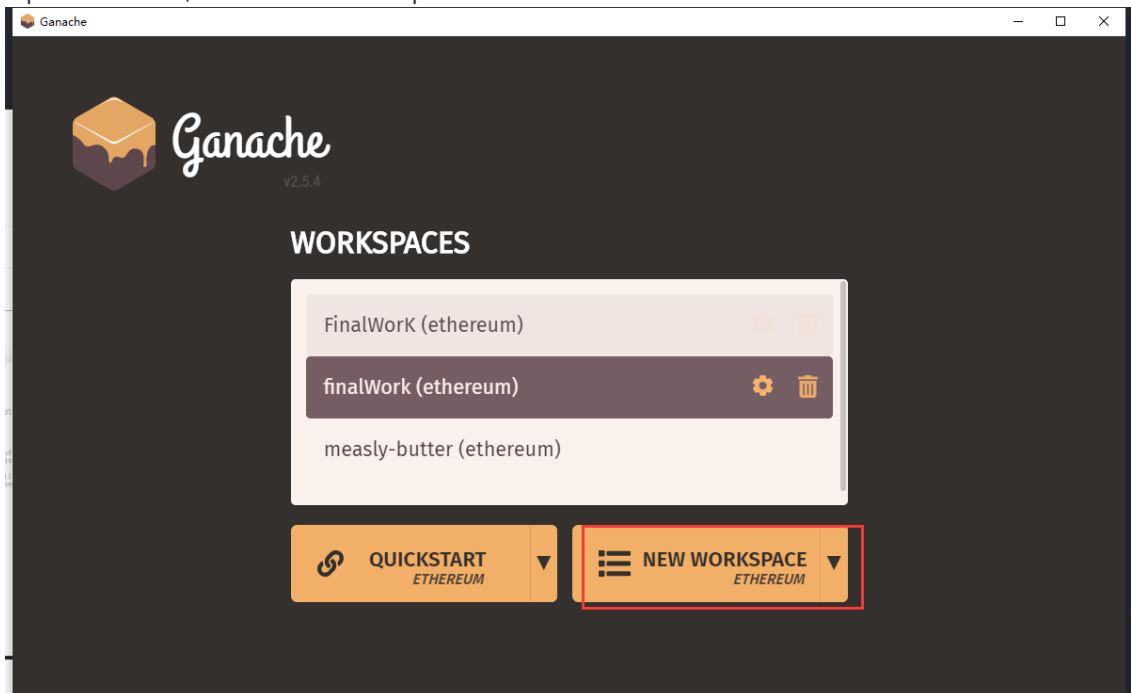
3180106177 程诗卓

运行步骤:

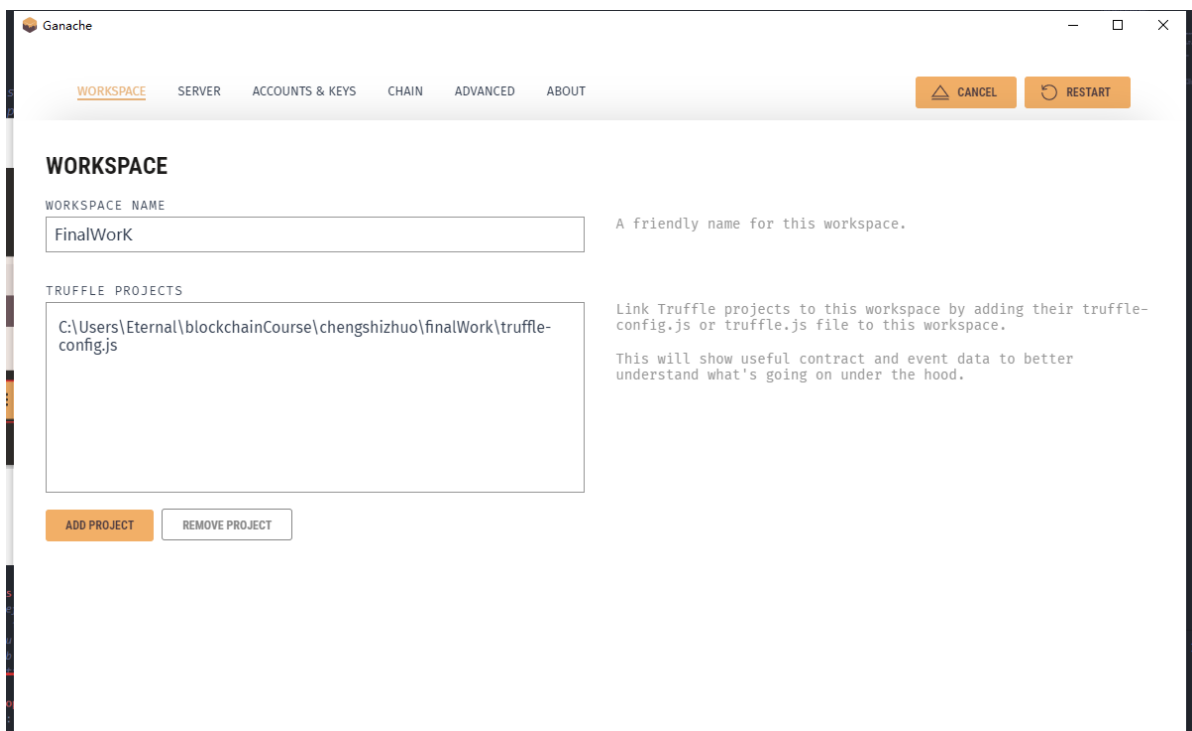
1. 部署链
2. 修改众筹管理器地址
3. 在crowdfund 目录下 yarn start运行

## 1 Chain Deploy

- Open Ganache, create new workspace



- Add project by truffle\_config.js, rest as default



- modify the truffle-config.js

```

Migrations.sol  U  37
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  > node_modules 39
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truffle-config.js  U 54
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networks: {
  // Useful for testing. The `develop
  // if it's defined here and no othe
  // You should run a client (like ga
  // tab if you use this network and
  // options below to some value.
  //
  development: {
    host: "127.0.0.1", // Localhos
    port: 7545,        // Standar
    network_id: "*",   // Any netw
  },
  // Another network with more advanc
  // advanced: {
  //   port: 8777,        // Custa
  //   network_id: 1342, // Custa
  //   gas: 8500000,     // Gas s
  //   gasPrice: 20000000000, // 20 gw
  //   from: <address>, // Accou
  //   websockets: true // Enabl
  // },
  // Useful for deploying to a public

```

- compile and migrate

```
truffle compile
truffle migrate
```

Ganache

ACCOUNTS

BLOCKS

TRANSACTIONS

CONTRACTS

EVENTS

LOGS

SEARCH FOR BLOCK NUMBERS OR TX HASHES

CURRENT BLOCK  
4

GAS PRICE  
20000000000

GAS LIMIT  
6721975

HARDFORK  
MUIRGLACIER

NETWORK ID  
5777

RPC SERVER  
HTTP://127.0.0.1:7545

MINING STATUS  
AUTOMINING

WORKSPACE  
FINALWORK

SWITCH

BLOCK  
4

MINED ON  
2021-01-14 17:54:19

GAS USED  
27338

1 TRANSACTION

BLOCK  
3

MINED ON  
2021-01-14 17:54:18

GAS USED  
2268719

1 TRANSACTION

BLOCK  
2

MINED ON  
2021-01-14 17:54:18

GAS USED  
42338

1 TRANSACTION

BLOCK  
1

MINED ON  
2021-01-14 17:54:18

GAS USED  
191943

1 TRANSACTION

BLOCK  
0

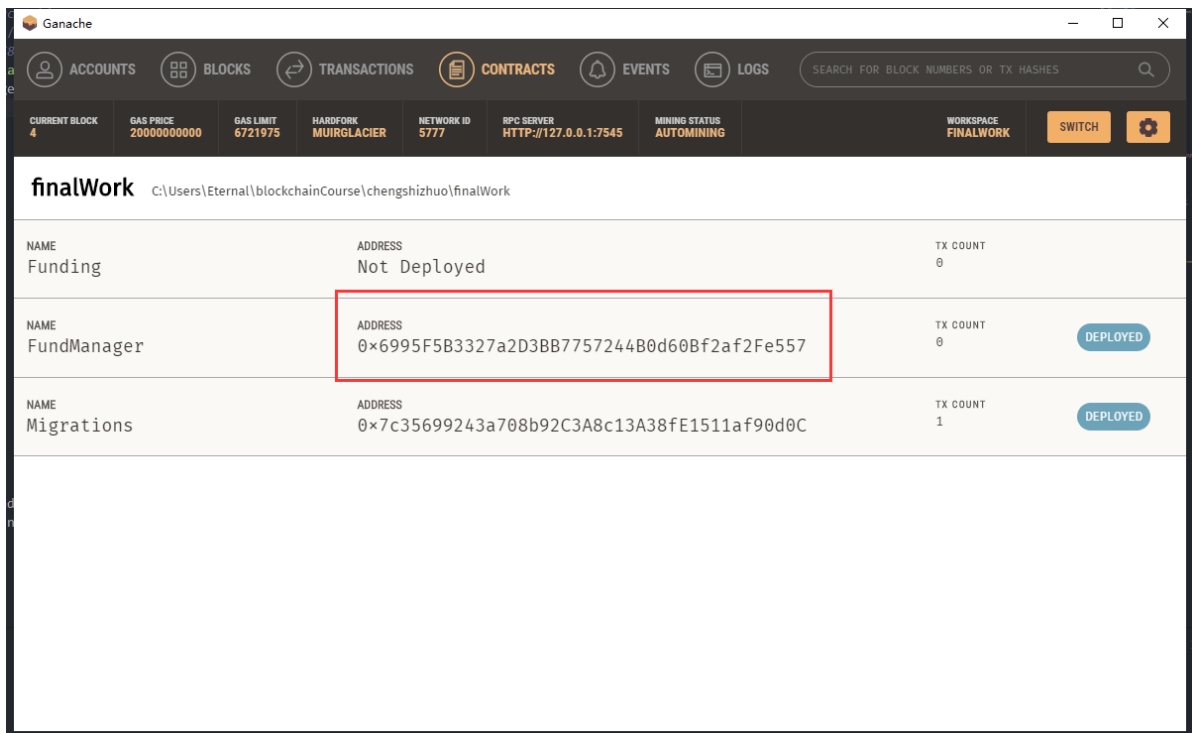
MINED ON  
2021-01-14 17:32:15

GAS USED  
0

NO TRANSACTIONS

## 2 Configure

- Open Ganache and find the contract deployed. Copy the address



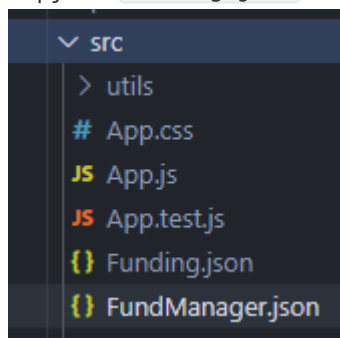
- Open `crowdfund\src\App.js` and modify `managerAddr` to the address

```

crowdfund > src > JS App.js > ...
1  import React, { Component, useState } from 'react';
2  import './App.css';
3  import { GlobalTable, PersonalTable } from './utils/myUI';
4
5  let web3 = require('./utils/InitWeb3') //web3
6  var Funding = require('./Funding.json').abi //contract abi
7  var fundManager = require('./FundManager.json').abi //manager abi
8  // let managerAddr = "0x1288545722212f2602d2162042e2f87e9259f945" //manager
9  let managerAddr = "0x6995F5B3327a2D3BB7757244B0d60Bf2af2Fe557" //manager ad
10 let managerInstance = new web3.eth.Contract(fundManager, managerAddr)

```

- copy the `Funding.json` and `FundManager.json` to `./crowdfund/src`



### 3 Open The DApp

at `./crowdfund`

```

yarn install
yarn start

```

All the funding and proposal result

# Crowd Funding

Global Project List  
Total: 4

details	address	goal	got	ddl
fdso	0x658fc1A7861bCD09d7F59Fe493Ad8eE043991C22	1	0.55	Thu Jan 14 2021 21:33:41 GMT+0800 (中国标准时间)
123	0x5c7B5Ab13b170449E83C70E127D61D48A0940FB3	1	5	Thu Jan 14 2021 23:38:48 GMT+0800 (中国标准时间)
asdasd	0x52A22c04384a7597A311826399526CF98Ae1Ca5c	1	3	Thu Jan 14 2021 23:46:35 GMT+0800 (中国标准时间)
skkk	0x26eb1b106C0a806Daf5Bf9C824528EFD7B82ABD1	30	29	Thu Jan 14 2021 23:15:04 GMT+0800 (中国标准时间)

## Proposal Board

address	need	details	status
0x658fc1A7861bCD09d7F59Fe493Ad8eE043991C22	0		Not Start
0x5c7B5Ab13b170449E83C70E127D61D48A0940FB3	0		Not Start
0x52A22c04384a7597A311826399526CF98Ae1Ca5c	12222	123123	Going on
0x26eb1b106C0a806Daf5Bf9C824528EFD7B82ABD1	20000	123	Going on

## Account

Address: 0xa491C74D51a1109E543Cb7868c87F33A1b8D4b7A

Started

address	goal	got
Invested		
address	goal	got
0x26eb1b106C0a806Daf5Bf9C824528EFD7B82ABD1	30	29

Funding you started and donated:

## Account

Address: 0xa491C74D51a1109E543Cb7868c87F33A1b8D4b7A

Started

address	goal	got
0x07918B4EED711F8001485f46a1469400B31315d2	30	0
Invested		
address	goal	got
0x26eb1b106C0a806Daf5Bf9C824528EFD7B82ABD1	30	29
0x3C4a72D480710194Aa3034eDad7536C98A6a33C	30	20

You can donate and propose and start a new funding

Start a new proposal

project address

reason

ether

Start a new proposal

Donate

project address

ether

donate

Vote

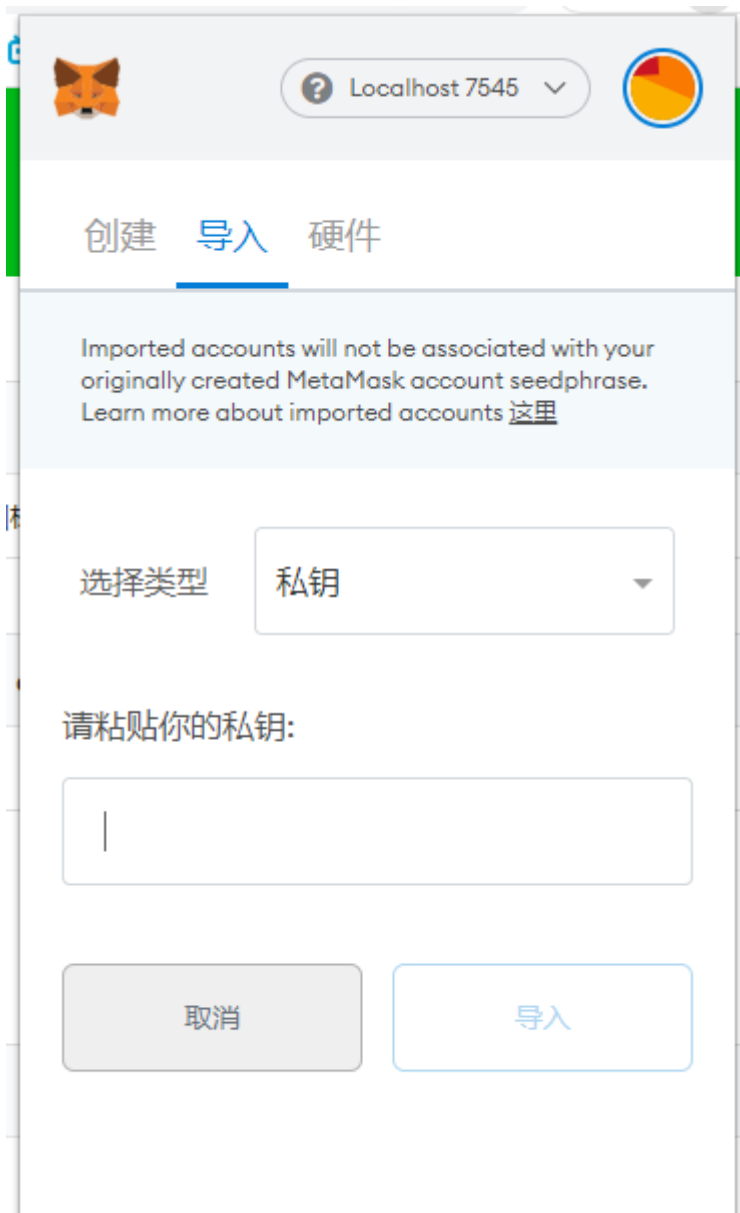
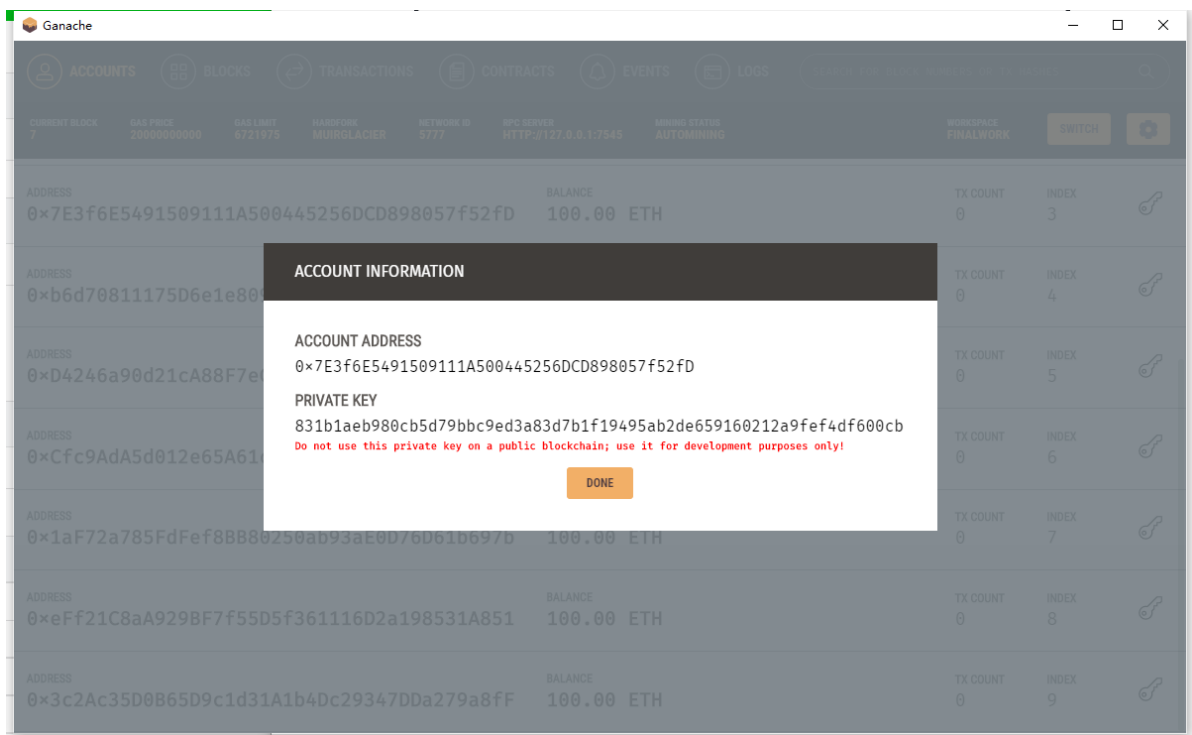
project address

Approve

Reject

# 4 Connect to the Local Network

import the accounts by private key



## 5 Create a Funding

### Start a new funding

name

reason

ether

time/s

Start

input the information

click start

and your funding will be on the board

#### Global Project List

Total: 6

details	address	goal	got	ddl
ldso	0x65Bfc1A7861bCD09d7F59Ee493Ad8aE043991C22	1	0.55	Thu Jan 14 2021 21:33:41 GMT+0800 (中国标准时间)
123	0x5c7B5Ab13b170649E83C70E127D61D48A0940FB3	1	5	Thu Jan 14 2021 23:38:48 GMT+0800 (中国标准时间)
asdasd	0x52A22c043B4a7597A311826399526CF98Ae1Ca5c	1	3	Thu Jan 14 2021 23:46:35 GMT+0800 (中国标准时间)
skkk	0x26eb1b106C0a806Daf5B9FC824528EFD7B82ABD1	30	29	Thu Jan 14 2021 23:15:04 GMT+0800 (中国标准时间)
is	0x07918B4EED711F8001485f46a1469400B31315d2	30	0	Thu Jan 14 2021 20:57:13 GMT+0800 (中国标准时间)
this	0x3C4a72D48071019f4Aa3034eDad7536C98A6a33C	30	20	Thu Jan 14 2021 21:07:39 GMT+0800 (中国标准时间)

#### Proposal Board

address	need	details	status
0x65Bfc1A7861bCD09d7F59Ee493Ad8aE043991C22	0		Not Start
0x5c7B5Ab13b170649E83C70E127D61D48A0940FB3	0		Not Start
0x52A22c043B4a7597A311826399526CF98Ae1Ca5c	12222	123123	Going on
0x26eb1b106C0a806Daf5B9FC824528EFD7B82ABD1	20000	123	Going on
0x07918B4EED711F8001485f46a1469400B31315d2	0		Not Start
0x3C4a72D48071019f4Aa3034eDad7536C98A6a33C	2	123333	Fail

## 6 Donate

input the funding address and amount (ether)

### Donate

project address

ether

donate

you need to confirm twice to add the invest to the invest list. (only the first time will send value)

localhost:3000 显示

Please pay twice to add to the invest list!

确定

localhost:3000 显示

donate success!

确定

Note: the donate amount may exceed the amount but the vote weight total amount is the goal amount.

goal	got
30	31
30	20
30	31

e.g.

Goal: 20 ether

A donates 11 ether

B donates 11 ether

then no matter A and B votes, the proposal will immediately be over. (exceed 50%)

So which side will win is about what time you vote.

## 7 Raise a proposal

Start a new proposal

project address

reason

ether

Start a new proposal

Similar to donate. Proposal will change the vote status:

Proposal Board			
address	need	details	status
0x5BfC1A7B61bCD09d7F59E493Ad8aE043991C22	0		Not Start
0x5c7B5Ab13b170649E83C70E127D61D48A0940FB3	0		Not Start
0x52A22c043B4a7597A311826399526C98Ae1Ca5c	12222	123123	Going on
0x26eb1b106C0a806Daf5Bf9C824528EFD7882ABD1	20000	123	Going on
0x07918B4EED711F8001485f46a1469400B31315d2	0		Not Start
0x3C4a72D48071019f4Aa3034eDad7536C98A6a33C	2	123333	Fail

## 8 Vote for proposal

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**Vote**

input the address.

When you are not a donator, error will occur.

The vote result will take effect when the weight of either side(Y/N) is passed 50% of goal Amount.

For one funding only one proposal will be going on at a time.