

DOCUMENTATION

Author: Tobias Kurz

Number of Contracts: 2

The first contract is about Products, it is an easy one. The second one is about Real Estate with several functionalities. Have fun 😊

Product Contract:

Contract 0x27599Be8B2A7f65eA59FD3Eece2F4fFa1104d5A4

Contract Overview

Balance: 0 Ether

More Info

My Name Tag: Not Available

Contract Creator: 0x2e6d055791b8a30310... at txn 0x4b37e8342fead756ba...

Transactions

Erc20 Token Txns

Contract

Events

Latest 3 from a total of 3 transactions

Txn Hash	Method	Block	Age	From	To	Value	Txn Fee
0xbd6d00734e988c0c1c...	0x28ea1c1	2456936	10 mins ago	0x2e6d055791b8a30310...	0x27599be8b2a7f65ea5...	0 Ether	0.00024208
0x4f5e64987307cf8d9f6...	0x28ea1c1	2456928	12 mins ago	0x2e6d055791b8a30310...	0x27599be8b2a7f65ea5...	0 Ether	0.00028483
0x4b37e8342fead756ba...	0x60806040	2456888	20 mins ago	0x2e6d055791b8a30310...	Contract Creation	0 Ether	0.00223521

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RealEstate Contract:

Contract 0xDB99B95BA1d19fc96e6F79B1dC78dA582D8C7336

Contract Overview

Balance: 0 Ether

More Info

My Name Tag: Not Available

Contract Creator: 0x2e6d055791b8a30310... at txn 0x6207c0a1749fff7aa4b...

Transactions

Erc20 Token Txns

Contract

Events

Latest 3 from a total of 3 transactions

Txn Hash	Method	Block	Age	From	To	Value	Txn Fee
0xe021ba1055e874a610...	0x2b2dae0e	2456841	29 mins ago	0x2e6d055791b8a30310...	0xdb99b95ba1d19fc96e...	0 Ether	0.00035385
0x59087cdf5214d8088a...	0x2b2dae0e	2456810	36 mins ago	0x2e6d055791b8a30310...	0xdb99b95ba1d19fc96e...	0 Ether	0.00034706
0x6207c0a1749fff7aa4b...	0x60806040	2456845	1 hr 11 mins ago	0x2e6d055791b8a30310...	Contract Creation	0 Ether	0.00254

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ACCESS CONTRACT PRODUCTS

- Create a new project, Create a folder Products
- RUN: truffle init
- Copy build folder and the truffle config file
- Replace the dummy in "sepolia section" with your mnemonic and the infura key
- Run: truffle console --network sepolia
- Run: let instance = await RealEstate.deployed()

Add Product:

- Name of the Product (string)
- Purpose of the Product (string)
- Price of the Product (uint)
- `instance.addProduct("Banana", "Meal", 1)`

Get All Products:

- `instance.allProducts()`

ACCESS CONTRACT REAL ESTATE

- Create a new project, Create a folder RealEstate
- RUN: truffle init
- Copy build folder and the truffle config file
- Replace the dummy in "sepolia section" with your mnemonic and the infura key
- Run: truffle console --network sepolia
- Run: let instance = await RealEstate.deployed()

Create Real Estate:

- Name of the Estate (string)
- Address of the Estate (string)
- Quadratmeters of the Estate (uint)
- `instance.createEstate("Tobias Haus", "Musterstraße 10", 99)`

Get All Real Estates:

- `instance.allRealEstates()`

Get One Real Estate:

- Number of the Estate (uint)
- `instance.getRealEstate(0)`

Sell Real Estate:

- Number of the Estate
- Address of the new Owner
- `RealEstate.sellEstate(0, "...")`
- Selling is only possible if you are the owner of the house.

For some Examples see Page 3.

EXAMPLES

```
truffle(sepolia)> instance.addProduct("Banana", "Meal", 1)
```

```
truffle(sepolia)> instance.allProducts()
```

```
[
  [
    'Ball',
    'Sports',
    '5',
    name: 'Ball',
    purpose: 'Sports',
    price: '5'
  ],
  [
    'Banana',
    'Meal',
    '1',
    name: 'Banana',
    purpose: 'Meal',
    price: '1'
  ]
]
```

```
truffle(sepolia)> instance.allRealEstates()
```

```
[
  [
    '0',
    'Tobias Haus',
    '99',
    'Musterstraße 10',
    '0x2E6d055791b8a30310766d59Cd421B93389576ba',
    id: '0',
    name: 'Tobias Haus',
    quadratmeter: '99',
    estateAddress: 'Musterstraße 10',
    owner: '0x2E6d055791b8a30310766d59Cd421B93389576ba'
  ]
]
```

```
truffle(sepolia)> instance.getRealEstate(0)
```

```
Result {
  '0': '0x2E6d055791b8a30310766d59Cd421B93389576ba',
  '1': 'Tobias Haus',
  '2': BN {
    negative: 0,
    words: [ 99, <1 empty item> ],
    length: 1,
    red: null
  },
  '3': 'Musterstraße 10'
}
```

```
truffle(sepolia)> instance.createEstate("FHV", "Musterstraße 10", 400)
```

```
truffle(sepolia)> []
```