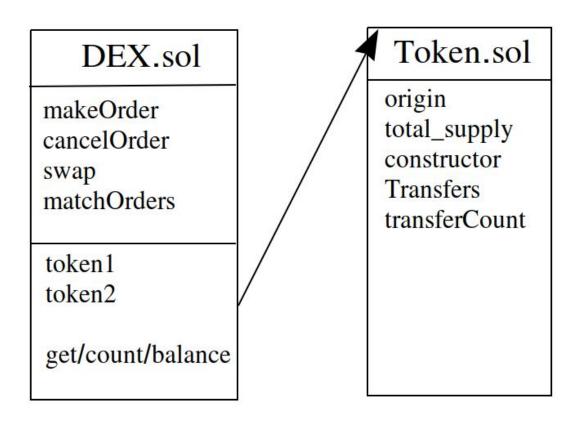
InnoDEX

Sergey Bogdanik

Smart contract definition



How to run

Dependencies:

- 1. Solidity (0.8.1)
- 2. OpenZepplin (latest)
- 3. Truffle (5.3.5)
- 4. Web3py (latest)

How to run

1. Run test network on localhost with truffle and deploy there DEX contract:

```
truffle develop
```

2. Run client to check that network connection works fine:

```
python3 ./client/main.py
```

3. Run tests in truffle:

```
truffle(develop)> test
```

truffle develop

```
sergey@ThinkPad-13:/arh/inno/dex/innodex$ truffle develop
Truffle Develop started at http://127.0.0.1:9545/
Accounts:
(0) 0xef347f567b72838dbe518c445999e4c3a2057e2f

    0x2d8fa31e628b7495e14030b0e6089b2255c9e785

(2) 0xbaldla66a0ea13edbd4522e85274132a609aaf23
(3) 0x8b7937707913f5d8b91f832676123c346028c172
(5) 0xa57e4abd7bcfe390330282bb8fed5c4d9b6f1b28
(7) 0x10ff47a52a0d057c90baf3c2e657860bbd0c2db9
(9) 0xa18a5a995c98a9cb915f89d5573a2e885a741ac8
Private Keys:
(0) a6b76c3d44e34da8fcba78d36845f4f3cc2044f7824a21f7be87c1dfafa030cd
(3) f6049acba3b8f0293ea6eab66acd541c2942cbddd7fbabfcdf9d0cb29f1f6582
(4) 73b46ef85630e75b9f49f5428bea8e2eb8a928590af93ca67c8fc2e843439212
(5) 72bc9fc0a55e11b80e42ccb101583caf159672f0ead5d1c7668638f876933ae7
(7) 0ba2bb41f3d8694a94f21191afeb0254ee1b920ee16fc8e03ad84d704bb7f55d
(9) 60ba6d0144750f34659e04b5129389d7ba4bb25a41399d4296678a72a0092970
Mnemonic: nut cereal patrol expire blur dentist level cloth pave loop project flat
\Lambda Important \Lambda : This mnemonic was created for you by Truffle. It is not secure.
Ensure you do not use it on production blockchains, or else you risk losing funds,
```

client (before and after turning network on)

truffle test

```
ruffle(develop)> test
ompiling your contracts...
Compiling openzeppelin-solidity/contracts/token/ERC20/ERC20.sol
Compiling openzeppelin-solidity/contracts/token/ERC20/IERC20.sol
Compiling openzeppelin-solidity/contracts/token/ERC20/extensions/IERC20Metadata.sol
Compiling openzeppelin-solidity/contracts/utils/Context.sol
Compiled successfully using:
```

End

Thank you for attention