

Remix - E

define a

Solidity -

how to u

Solidity -

Address

(2) Whats

Inbox (8,4

Ropsten

ternary o

MetaMask Notification

remix.ethereum.org/#optimize=false&runs=200&evmVersion=null&version=soljson-v0.5.17+commit.d19bba13.js

DEPLOY & RUN TRANSACTIONS

Injected Web3

Ropsten (3) network

ACCOUNT

0x4aA...BFEf8 (8.58210841902)

GAS LIMIT

3000000

VALUE

0

wei

CONTRACT

GTDToken - my_token.sol

Deploy

☐ Publish to IPFS

OR

At Address

Load contract from Address

Transactions recorded 1

Deployed Contracts

Currently you have no contract instances to interact with.

my_token.sol

```
69     first += 1;
70     return customerAdd;
71 }
72 function getQueueLength() public view returns (uint){
73     return last-first+1;
74 }
75
76
77 /**
78  * Constructor function
79  *
80  * Initializes contract with initial supply tokens to the creator of the contract
81  */
82 constructor() public {
83     name = "GTDToken";
84     symbol = "GTD";
85     decimals = 0;
86     _totalSupply = 100;
87     owner = 0x4aA3F950b089bda7474Ca0e87f91204A047BFEf8;
88
89     balances[owner] = _totalSupply;
90     emit Transfer(address(0), owner, _totalSupply);
91 }
92
93 // modifier
94 modifier onlyOwner(){
95     require(msg.sender == owner);
96     _;
97 }
98
99 function totalSupply() internal view returns (uint) {
```

0

☐ listen on network

Search with transaction hash or address

call to GTDToken.balanceOf

CALL [call] from: 0x4aA3F950b089bda7474Ca0e87f91204A047BFEf8 to: GTDToken.balanceOf(address) data: 0x70a...bfeF8

creation of GTDToken pending...

Ropsten Test Network

Account 1

New Contract

https://remix.ethereum.org

CONTRACT DEPLOYMENT

0

DETAILS

DATA

Estimated gas fee 0.002007 0.002007 ETH

Site suggested Very likely in < 15 seconds

Max fee: 0.002007 ETH

Total 0.002007 0.002007 ETH

Amount + gas fee Max amount: 0.002007 ETH

Reject

Confirm

Type here to search

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2:04 PM 10/24/2021

Remix - E x

define a x

Solidity - x

how to u x

Solidity - x

Address x

(2) Whats x

Inbox (8,4 x

Ropsten E x

ternary o x

Solidity F x

+

remix.ethereum.org/#optimize=false&runs=200&evmVersion=null&version=soljson-v0.5.17+commit.d19bba13.js

DEPLOY & RUN TRANSACTIONS

ENVIRONMENT

Injected Web3

Ropsten (3) network

ACCOUNT +

0x4aA...BFEf8 (8.58010145401

GAS LIMIT

3000000

VALUE

0

wei

CONTRACT

GTDToken - my_token.sol

Deploy

☐ Publish to IPFS

OR

At Address

Load contract from Address

Transactions recorded 1

Deployed Contracts

> GTDTOKEN AT 0X799...E138B (BLOCKCHAIN)

my_token.sol

```
69     first += 1;
70     return customerAdd;
71 }
72 function getQueueLength() public view returns (uint){
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91 }
92
93 // modifier
94 modifier onlyOwner(){
95     require(msg.sender == owner);
96     _;
97 }
98
99 function totalSupply() internal view returns (uint) {
```

ContractDefinition GTDToken 0 reference(s)

0

☐ listen on network

Search with transaction hash or address

CALL [call] from: 0x4aA3F950b089bda7474Ca0e87f91204A047BFEf8 to: GTDToken.balanceOf(address) data: 0x70a...bfef8

creation of GTDToken pending...

[block:11291973 txIndex:0] from: 0x4aA...BFEf8 to: GTDToken.(constructor) value: 0 wei data: 0x608...10032 logs: 0 hash: 0xbb7...ff6a3

Type here to search

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Remix - Ethereum IDE

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DEPLOY & RUN TRANSACTIONS

Deployed Contracts

GTDTOKEN AT 0x799...E138B (BLOCKCHAIN)

addNewStock uint256 tokens

expressInterest

initiatePayment

balanceOf address tokenOwner

getQueueLength

name

productsSold

symbol

Low level interactions

CALLDATA

Transact

my_token.sol

```
123     balances[to] = safeAdd(balances[to], tokens);
124     emit Transfer(owner, to, tokens);
125     return true;
126 }
127
128 function transferFrom(address from, address to, uint tokens) internal returns (bool success) {
129     balances[from] = safeSub(balances[from], tokens);
130     allowed[from][msg.sender] = safeSub(allowed[from][msg.sender], tokens);
131     balances[to] = safeAdd(balances[to], tokens);
132     emit Transfer(from, to, tokens);
133     return true;
134 }
135
136 function expressInterest() public {
137     enqueue(msg.sender);
138 }
139
140 function initiatePayment() public onlyOwner {
141     uint len = getQueueLength() > balances[owner]? balances[owner]: getQueueLength();
142     for(uint i = 0; i < len; i++){
143         top_customer_address = dequeue();
144         transfer(top_customer_address, 1);
145     }
146 }
147
148 function addNewStock(uint tokens) public onlyOwner {
149     balances[owner] += tokens;
150     _totalSupply += tokens;
151 }
152
153 }
```

ContractDefinition GTDToken 0 reference(s)

listen on network

Search with transaction hash or address

CALL [call] from: 0x4aA3F950b089bda7474Ca0e87f91204A047BFEf8 to: GTDToken.balanceOf(address) data: 0x70a...bfef8

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Type here to search

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