

DEPLOY & RUN
TRANSACTIONS

Balance: 0 ETH

approve

address spender, uint25

burn

uint256 value

mint

uint256 value

transfer

address to, uint256 valu

transferFrom

address from, address to

allowance

address owner, address

balanceOf

address account

decimals

0: uint8: 18

name

0: string: MyToken

symbol

0: string: MTK

totalSupply

0: uint256: 10000000000000000000

Low level interactions

CALLDATA

ERC20Token.sol

```
function transferFrom(address from, address to, uint256 value) public returns (bool) {  
    require(balances[from] >= value, "Insufficient balance");  
    require(allowances[from][msg.sender] >= value, "Allowance exceeded");  
    balances[from] -= value;  
    balances[to] += value;  
    allowances[from][msg.sender] -= value;  
    emit Transfer(from, to, value);  
    return true;  
}  
  
function mint(uint256 value) public {  
    totalSupply += value;  
    balances[msg.sender] += value;  
    emit Transfer(address(0), msg.sender, value);  
}
```

The following libraries are accessible:

- web3.js
- ethers.js
- sol-gpt <your Solidity question here>

Type the library name to see available commands.

creation of ERC20Token pending...

✓

[vm] from: 0x5B3...eddC4 to: ERC20Token.(constructor) value: 0 wei data: 0x608...003e8 logs: 0 hash: 0xbfa...eddf0

call to ERC20Token.decimals

CALL

[call] from: 0x5B38Da6a701c568545dCfcB03FcB875f56beddC4 to: ERC20Token.decimals() data: 0x313...ce567

call to ERC20Token.name