



Account 2



0x5b9...e89b

New address detected! Click here to add to your address book.

https://remix.ethereum.org

STORE

DETAILS

DATA

HEX

EDIT

Estimated gas fee ⓘ

0.00083248 **0.000832 ETH**

Site suggested

Max fee: 0.00083248 ETH

Total

0.00083248

0.00083248 ETH

Amount + gas fee

Max amount: 0.00083248 ETH

Reject

Confirm

Contract Interaction



Status

[View on block explorer](#)

Confirmed

[Copy Transaction ID](#)

From

To



0xe86...4551



0x10C...c8d0

Transaction

Nonce

7

Amount

-30 ETH

Gas Limit (Units)

63246

Gas Used (Units)

42164

Gas price

20

Total

30.00084328 ETH



Activity log:

DEPLOY & RUN TRANSACTIONS

ENVIRONMENT
Injected Web3

ACCOUNT
0xe86...a4551 (69.9685722)

GAS LIMIT
3000000

VALUE
0 Wei

CONTRACT
Bank - contracts/simple contracts.sol

Deploy

☐ Publish
Deploy - transaction (not payable)

OR

At Address
Load contract from Address

Transactions recorded 2

All transactions (deployed contracts and function executions) in this environment can be saved and replayed in another environment. e.g Transactions created in Javascript VM can be replayed in the Injected Web3.

```
1 // SPDX-License-Identifier: GPL-3.0
2
3 pragma solidity >=0.7.0 <0.9.0;
4
5 /**
6  * @title Storage
7  * @dev Store & retrieve value in a variable
8  */
9 contract Storage {
10
11     uint256 number;
12
13     /**
14      * @dev Store value in variable
15      * @param num value to store
16      */
17     function store(uint256 num) public {
18         number = num;
19     }
20
21     /**
22      * @dev Return value
23      * @return value of 'number'
24      */
25     function retrieve() public view returns (uint256){
26         return number;
27     }
28 }
```

ContractDefinition Bank 0 references

Remix - Ethereum IDE

A Few Simple Contracts | Look

remix.ethereum.org/#optimize=false&runs=200&evmVersion=null&version=soljson-v0.8.7+commit.e28d00a7.js

DEPLOY & RUN TRANSACTIONS

Custom (5777) network

ACCOUNT
0xe86...a4551 (99.9822434)

GAS LIMIT
3000000

VALUE
0 Wei

CONTRACT
Storage - contracts/empty.sol

Deploy

☐ Publish to IPFS

OR

At Address
Load contract from Address

Transactions recorded 6

Deployed Contracts

STORAGE AT 0x17D...803B9 (BLOCK)

store 1

Low level interactions

CALLDATA

Transact

```
1 pragma solidity ^0.8.0;
2
3
4
5 contract Storage{
6     uint256 number;
7
8     function store(uint256 num) public {
9         number = num;
10     }
11 }
12
```

Store

Status Confirmed View on block explorer Copy Transaction ID

From 0xe86...4551 To 0x17D...03B9

Transaction

Nonce 3

Amount -0 ETH

Gas Limit (Units) 41602

Gas Used (Units) 41602

Gas price 20

Total 0.00083204 ETH

Activity log:

Transaction data:

Dec 17 - remix.ethereum.org -0 ETH

0

☐ listen on network

Search with transaction hash or address

transact to Storage.store errored: MetaMask Tx Signature: User denied transaction signature.



Account 2



New Contract

https://remix.ethereum.org

CONTRACT DEPLOYMENT

DETAILS

DATA

[EDIT](#)

Estimated gas fee ⓘ

0.00251354 **0.002514 ETH**

Site suggested

Max fee: 0.00251354 ETH

Total

0.00251354 **0.00251354 ETH**

Amount + gas fee

Max amount: 0.00251354 ETH

Reject

Confirm



Account 2



New Contract

https://remix.ethereum.org

CONTRACT DEPLOYMENT

DETAILS

DATA

[EDIT](#)

Estimated gas fee ⓘ

0.00641382 **0.006414 ETH**

Site suggested

Max fee: 0.00641382 ETH

Total

0.00641382 **0.00641382 ETH**

Amount + gas fee

Max amount: 0.00641382 ETH

Reject

Confirm