

REMIX1.5.1

default\_workspace

2303A51188

Theme

DEPLOY & RUN TRANSACTIONS

ENVIRONMENT

Remix VM (London)

ACCOUNT

0x5B3...eddC4 (99.9999999)

GAS LIMIT

Estimated Gas

Custom3000000

VALUE

0Ether

CONTRACT

SimpleStorage - simplestorage.sol

evm version: london

Deploy

At Address

Load contract from Address

Transactions recorded

Deployed Contracts

SIMPLESTORAGE AT 0XF8E

simplestorage.sol

```
1 // SPDX-License-Identifier: MIT
2 pragma solidity ^0.8.0;
3
4 contract SimpleStorage {
5
6     // State variable to store a number
7     uint256 private storedValue;
8
9     // Function to store a value on the blockchain
10    function set(uint256 _value) public { 22498 gas
11        storedValue = _value;
12    }
13
14    // Function to retrieve the stored value
15    function get() public view returns (uint256) { 2437 gas
16        return storedValue;
17    }
18 }
19
```

Explain contract

0Listen on all transactionsFilter with transaction hash or ad...

[vm] from: 0x5B3...eddC4 to: SimpleStorage.(constructor) value: 0 wei data: 0x608...40033 logs: 0 hash: 0xee0...74908

Debug

Scan AlertInitialize as git repoDid you know? To learn new contract patterns and prototype, you can activate and try the cookbook plugin!RemixAI Copilot (enabled)

remix.ethereum.org / Remix

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Assistant

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Theme

SOLIDITY COMPILER

COMPILER

0.8.20+commit.a1b79de6

Include nightly builds

Auto compile

Hide warnings

Advanced Configurations

Compiler configuration

LANGUAGE

Solidity

EVM VERSION

london

Optimization200

Use configuration file

Compile simplestorage.sol

Compile and Run script

CONTRACT

SimpleStorage (simplestorage)

Run Remix Analysis

simplestorage.sol

```
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2 pragma solidity ^0.8.0;
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Explain contract

AI copilot

Scan AlertInitialize as git repoDid you know? To learn new contract patterns and prototype, you can activate and try the cookbook plugin!RemixAI Copilot (enabled)

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DEPLOY & RUN TRANSACTIONS

Deploy

At AddressLoad contract from Address

Transactions recorded ⓘ

Run transactions using the latest compilation result

SaveRun

Deployed Contracts 2

SIMPLESTORAGE AT 0XF8E

Balance: 0 ETH

set50

get

0: uint256: 25

Low level interactions ⓘ

CALLDATA

Transact

Both 'receive' and 'fallback' functions are not defined

SIMPLESTORAGE AT 0X7EF...

creation of SimpleStorage pending...

[vm] from: 0x5B3...eddC4 to: SimpleStorage.constructor value: 0 wei data: 0x608...40033 logs: 0 hash: 0xee0...74908Debug

transact to SimpleStorage.set pending ...

[vm] from: 0x5B3...eddC4 to: SimpleStorage.set(uint256) 0xf8e...9fBe8 value: 0 wei data: 0x60f...00032 logs: 0 hash: 0xf81...787eeDebug

status1 Transaction mined and execution succeed

transaction hash0xf816d2cf972cab8b28b8ce8df70d24db81eef5c3b9505f882beae557f42787ee

block hash0x93fab7441bdd68fd8f73980e05f7f3241be442b6e59bffa9f39afe7b908889b4a

block number6

from0x5B380a6a701c568545dcfcB03fc8075f56beddC4

toSimpleStorage.set(uint256) 0xf8e81D47283A594245E36C48e151709f0C19fBe8

transaction cost26602 gas

execution cost5398 gas

output0x

decoded input{ "uint256 \_value": "50" }

decoded output{ }

logs[ ]

raw logs[ ]

Scam Alert

Initialize as git repo

Did you know? To learn new contract patterns and prototype, you can activate and try the cookbook plugin!

RemixAI Copilot (enabled)