

Remix - Ethereum IDEDownload file | iLovePDF

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DEBUGGER

Use generated sources(Solidity >= v0.7.2)

0x93f0dd70b0aa9d13dbea52d994d275cc7bfb1248f6b60002862a3dd2ec02b01

Stop debugging

Function Stack

No data available

Solidity Locals

No data available

Call Stack

0: (Contract Creation - Step 0)

Stack

Solidity State

No data available

Step details

vm trace step: 8
execution step: 8
add memory:
gas: 1
remaining gas: 94220
loaded address: (Contract Creation - Step 0)

Full Storage Changes

(Contract Creation - Step 0): Object

Call Data

12345678

pragmasolidity^0.8.0;

contractMyContract{

functiongetString()publicpure

returns(stringmemory){

return"Zone 17";

}

0

listen on all transactions

Search with transaction hash or address

✓

[vm] from: 0x583...eddC4 to: MyContract.(constructor) values: 0 wei data: 0x598...20833 logs: 0

hash: 0x93f...02b01

Debug



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DEPLOY & RUN TRANSACTIONS

ENVIRONMENT

Remix VM (Shanghai)

VM

ACCOUNT

0x5B3...eddC4 (100 ether)

GAS LIMIT

3000000

VALUE

0Wei

CONTRACT

MyContract - abi.sol

evm version: paris

Deploy

☐ Publish to IPFS

At AddressLoad contract from Address

Transactions recorded

Deployed Contracts

Currently you have no contract instances to interact with.

Homeabi.sol 1

```
1  pragma solidity^0.8.0;
2
3  contract MyContract{
4      function getString()public pure    infinite gas
5      returns(string memory){
6          return "Zone 17";
7      }
8  }
```

0☐ listen on all transactions

Search with transaction hash or address

- ethers.js
- remix

Type the library name to see available commands.

Remix - Ethereum IDE

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remix.ethereum.org/#lang=en&optimize=false&runs=200&evmVersion=null&version=soljson-v0.8.18+commit.87f61d96.js

FILE EXPLORER

WORKSPACES

default_workspace

artifacts

contracts

scripts

tests

prettierrc.json

README.txt

REMIX

The Native IDE for Web3 Development.

Website Documentation Remix Plugin Remix Desktop

Search Documentation

Files

New File Open File Access File System

Load from

GitHub Gist IPFS HTTPS

Learn

Remix Basics

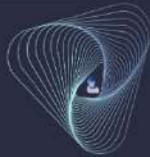
An introduction to Remix's interface and basic operations.

Get Started

Intro to Solidity

Deploying with Libraries

Featured



WE NEED YOUR HELP

Remixers... Have a spare moment? Please help us improve your Remix experience with this one-minute survey.

Go to survey

Get Started - Project Templates

GNOSIS SAFE MULTISIG

Create Multi-Signature wallets using this template.

0XPROJECT ERC20

Create an ERC20 token by importing 0xProject contract.

OPENZEPPELIN ERC20

Create an ERC20 token by importing OpenZeppelin library.

OPENZEPPELIN ERC20

Create a token by importing OpenZeppelin library.

Featured Plugins

SOLIDITY ANALYZERS

Analyze your code using Remix, Solhint and Slither.

COOKBOOK

Find smart contracts, solidity libraries, and discover protocols.

SOLIDITY

Compile, test, and analyze smart contracts.

Solidity verifiers

Verify your smart contracts.

0

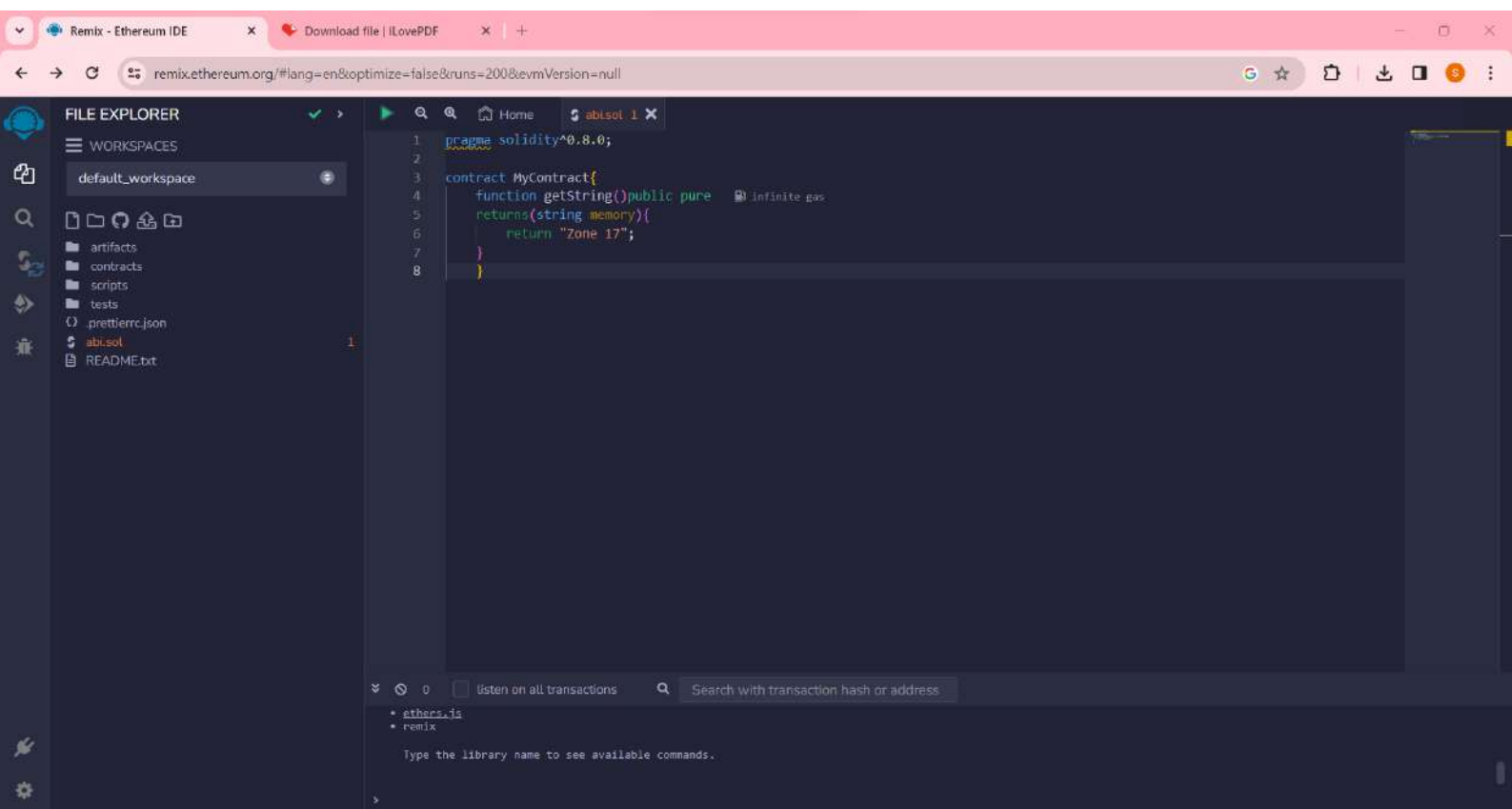
☐ listen on all transactions

Search with transaction hash or address

• ethers.js

• remix

Type the library name to see available commands.



Remix - Ethereum IDE

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SOLIDITY COMPILER

COMPILER +

0.8.18+commit.87f61d96

Include nightly builds

Auto compile

Hide warnings

Advanced Configurations

Compile abi.sol

Compile and Run script

1

2

3

4

5

6

7

8

pragme solidity^0.8.0;

contract MyContract{

function getString()public pure infinite gas

returns(string memory){

return "Zone 17";

}

}

0

listen on all transactions

Search with transaction hash or address

• ethers.js

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SOLIDITY COMPILER

COMPILER +

0.8.18+commit.87f61d96

Include nightly builds

Auto compile

Hide warnings

Advanced Configurations

Compile abi.sol

Compile and Run script

CONTRACT

MyContract (abi.sol)

Publish on Ipfs

Publish on Swarm

Compilation Details

ABIBytecode

Warning: SPDX license identifier not provided in source file. Before publishing, consider adding a comment containing "SPDX-License-Identifier: <SPDX-License>" to each source file. Use

1

2

3

4

5

6

7

8

pragme solidity^0.8.0;

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listen on all transactions

Search with transaction hash or address

• ethers.js

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DEPLOY & RUN TRANSACTIONS

ENVIRONMENTRemix VM (Shanghai)

VMACCOUNT0x5B3...eddC4 (99.9999999%)GAS LIMIT3000000VALUE0WeiCONTRACTMyContract - abi.sol

evm version: parisDeployPublish to IPFSAt AddressLoad contract from Address

Transactions recorded

Deployed Contracts

MYCONTRACT AT 0xD91...39138

1pragme solidity^0.8.0;23contract MyContract{4function getString()public pure infinite gas5returns(string memory){6return "Zone 17";7}8}

listen on all transactionsSearch with transaction hash or address

✓ [vm] from: 0x5B3...eddC4 to: MyContract.(constructor) value: 0 wei data: 0x608...20033 logs: 0 hash: 0x93f...02b01

Debug