

FILE EXPLORER

WORKSPACES

default_workspace

contracts

scripts

tests

prettierrc.json

README.txt

REMIX

The Native IDE for Web3 Development.

[Website](#) [Documentation](#) [Remix Plugin](#) [Remix Desktop](#)

Search Documentation

Files

New FileOpen FileAccess File System

Load from

GitHubGistIPFSHTTPS

Learn

Remix Basics

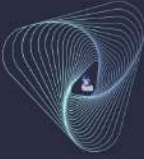
An introduction to Remix's interface and basic operations.

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.

OPENZ

Create a importir

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 verificat

Scam Alert

The only URL Remix uses is remix.ethereum.org

0

☐ listen on all transactions

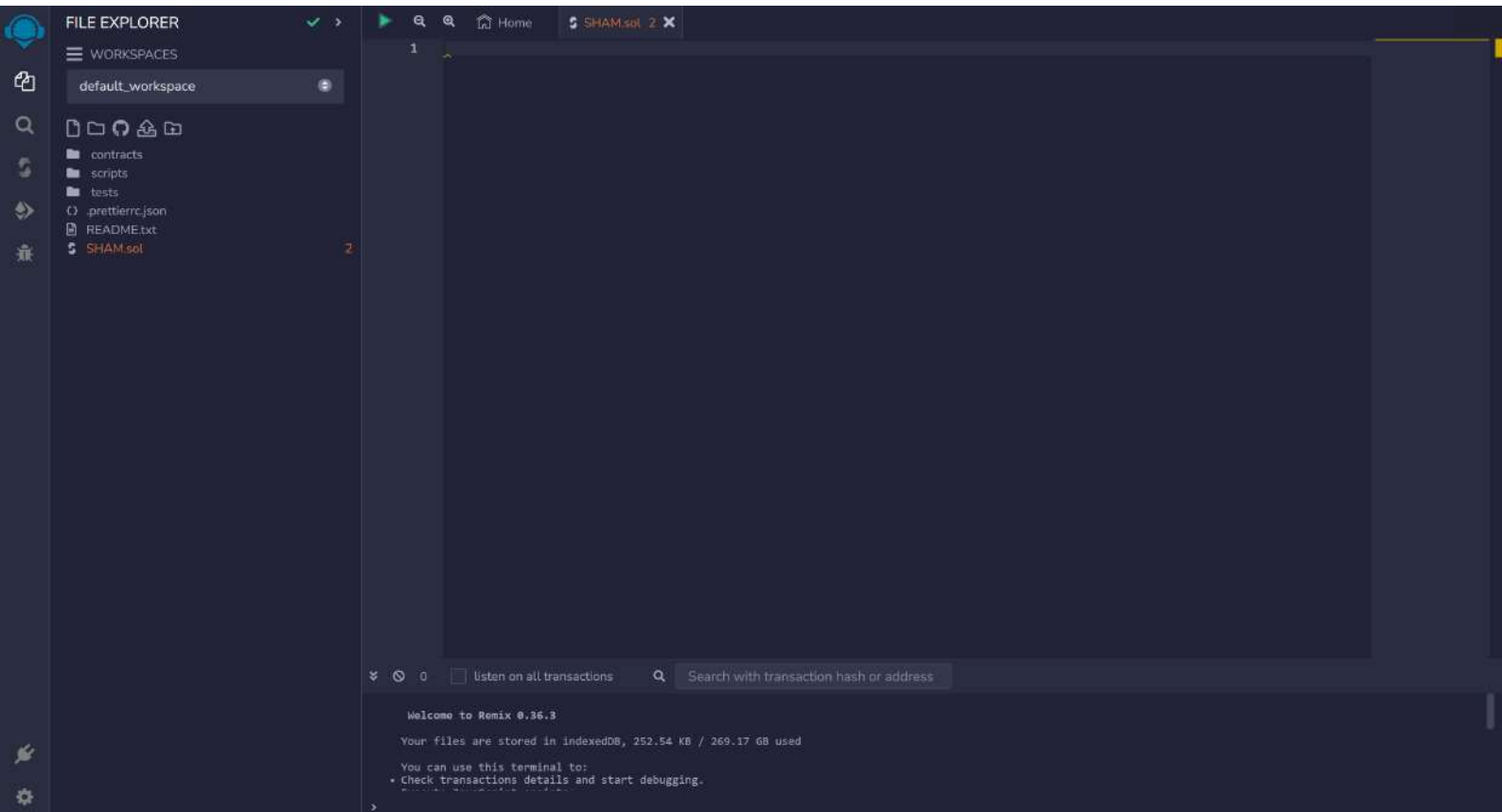
Search with transaction hash or address

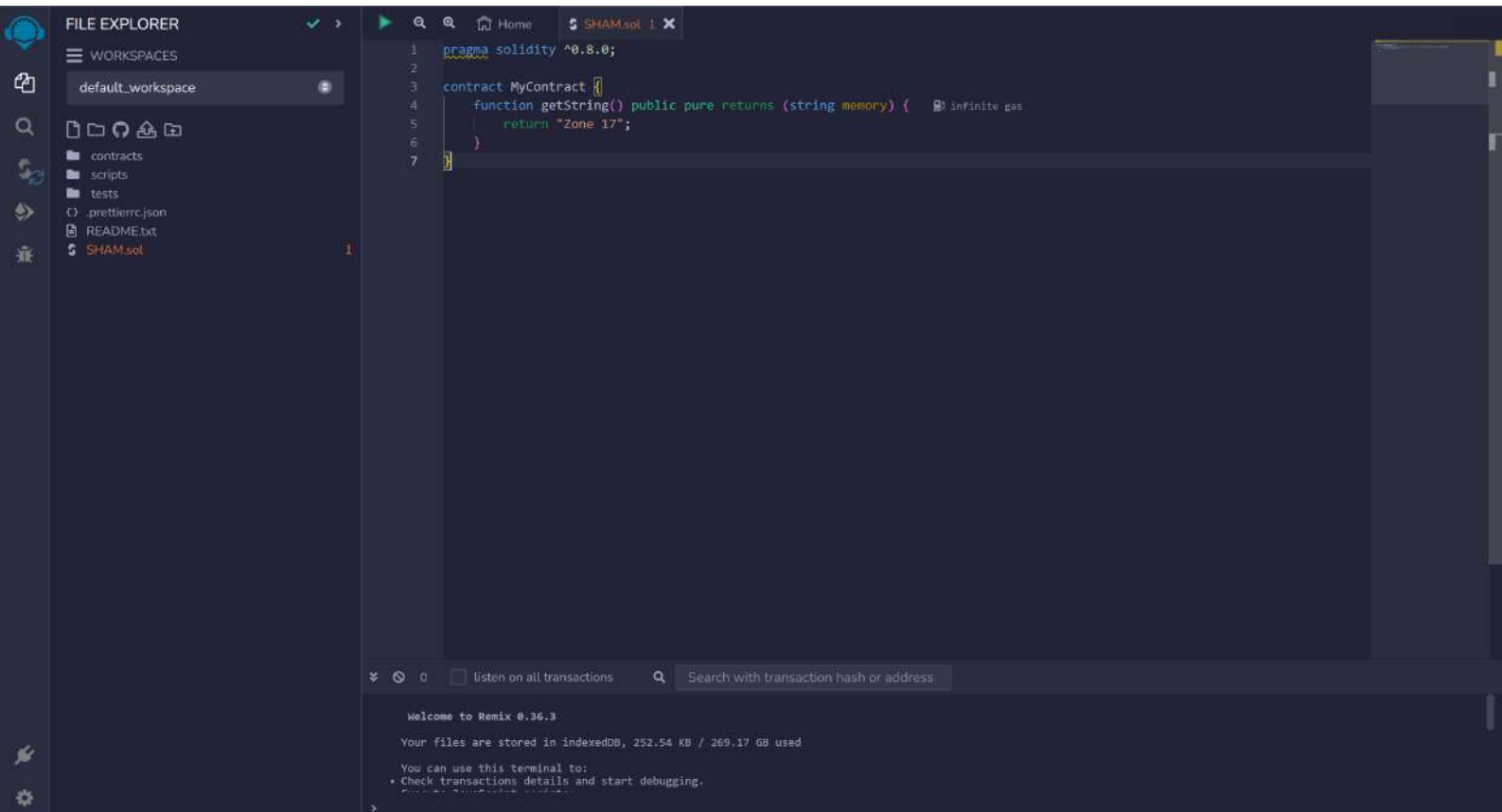
- Select a Javascript file in the file explorer and then run "remix.execute()" or "remix.executeCurrent()" in the command Line interface


- Right click on a Javascript file in the file explorer and then click "Run"

The following libraries are accessible:

- web3 version 1.5.2
- ethers.js
- remix







SOLIDITY COMPILER

0.8.18+commit.87f61d96

⌵

☐ Include nightly builds

☐ Auto compile

☐ Hide warnings


Advanced Configurations >


Compile SHAM.sol

Compile and Run script ⓘ

CONTRACT

MyContract (SHAM.sol) ⌵

Publish on Ipfs 

Publish on Swarm 

Compilation Details

ABI

Bytecode

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 "SPDX-License-Identifier: UNLICENSED" for non-open-source code. Please see <https://spdx.org> for more information.

--> SHAM.sol

Home SHAM.sol 1 x

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

listen on all transactions

Search with transaction hash or address

Welcome to Remix 0.36.3

Your files are stored in indexedDB, 252.54 KB / 269.17 GB used

You can use this terminal to:

• Check transactions details and start debugging.

ABI CODE :

```
[
  {
    "inputs": [],
    "name": "get String",
    "outputs": [
      {
        "internal Type": "string",
        "name": "",
        "type": "string"
      }
    ],
    "state Mutability": "pure",
    "type": "function"
  }
]
```

BYTE CODE :

```
608060405234801561001057600080fd5b50610173806100206000396000f3fe6080604052348015
61001057600080fd5b506004361061002b5760003560e01c806389ea642f14610030575b600080fd5
b61003861004e565b604051610045919061011b565b60405180910390f35b606060405180604001
60405280600781526020017f5a6f6e6520313700000000000000000000000000000000000000
00000000815250905090565b600081519050919050565b600082825260208201905092915050565
b60005b838110156100c55780820151818401526020810190506100aa565b600084840152505050
50565b6000601f19601f8301169050919050565b60006100ed8261008b565b6100f7818561009656
5b93506101078185602086016100a7565b610110816100d1565b840191505092915050565b60006
02082019050818103600083015261013581846100e2565b90509291505056fea2646970667358221
220bac17b00d86c81afde27132a48e71958b783528e26c13bcfbcfcd29ca786e821564736f6c63430008
120033
```

DEPLOY & RUN TRANSACTIONS ✓ >

ENVIRONMENT ▼

Remix VM (Shanghai) ⓘ

VM

ACCOUNT ⓘ

0x5B3...eddC4 (100 ether) ⓘ ⓘ ⓘ

GAS LIMIT

3000000

VALUE

0 Wei ⓘ

CONTRACT

MyContract - SHAM.sol ⓘ

evm version: paris

Deploy

☐ Publish to IPFS

At Address Load contract from Address

Transactions recorded ⓘ ⓘ >

Deployed Contracts

Currently you have no contract instances to interact with.

SHAM.sol 1 x

1 `pragma solidity ^0.8.0;`

2

3 `contract MyContract {`

4 `function getString() public pure returns (string memory) {` Infinite gas

5 `return "Zone 17";`

6 `}`

7 `}`

0 ☐ listen on all transactions ⓘ Search with transaction hash or address

Welcome to Remix 0.36.3

Your files are stored in indexedDB, 252.54 KB / 269.17 GB used

You can use this terminal to:

• Check transactions details and start debugging.

DEPLOY & RUN TRANSACTIONS ✓ >

ENVIRONMENT ▼

Remix VM (Shanghai) + i

VM

ACCOUNT +

0x5B3...eddC4 (99.99999999%) 🔍 📄

GAS LIMIT

3000000

VALUE

0 Wei ▾

CONTRACT

MyContract - SHAM.sol ▾

evm version: paris

Deploy

☐ Publish to IPFS

At Address Load contract from Address

Transactions recorded 1 ⓘ >

Deployed Contracts 🗑

> MYCONTRACT AT 0xD91...39138 ⓘ ✕

SHAM.sol 1 ✕

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

🔊 0 ☐ listen on all transactions 🔍 Search with transaction hash or address

creation of MyContract pending...

✓ [vm] from: 0x5B3...eddC4 to: MyContract.(constructor) value: 0 wei data: 0x608...20033 logs: 0 hash: 0x51e...006d7

Debug ▼