

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

0


listen on all transactions

Search with transaction hash or address

remix

Type the library name to see available commands.

Featured



WATCH TO LEARN

Video Tips from the Remix Team

Remix has a growing library of videos containing lots of tips for using the tool. Check them out and subscribe to get our latest uploads.

Watch

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.

Featured Plugins




SOLIDITY ANALYZERS

Analyze your code using Remix.



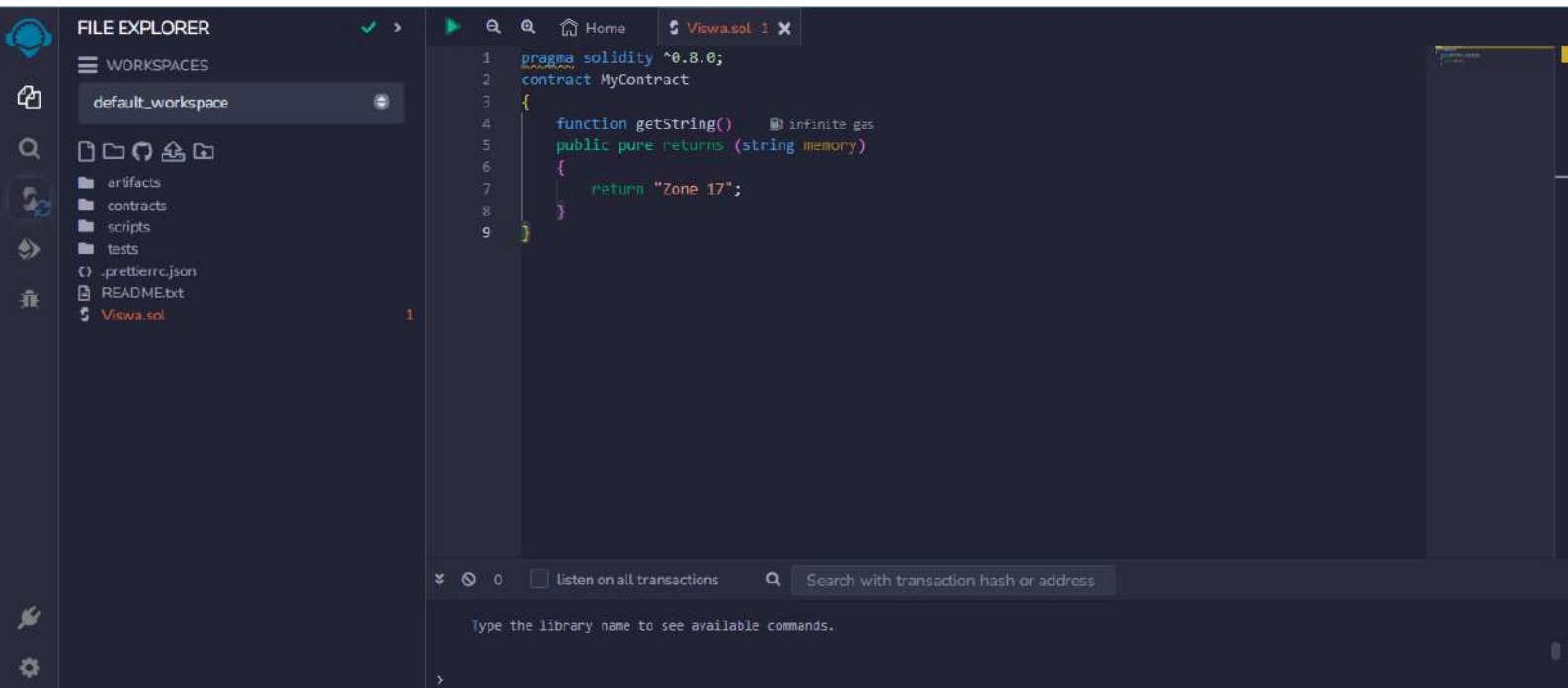
COOKBOOK


Find smart contracts, solidity




SOLIDITY

Compile, test, and analyze





SOLIDITY COMPILER

COMPILER + 

0.8.18+commit.87f61d96

☐ Include nightly builds

☐ Auto compile

☐ Hide warnings

Advanced Configurations

Compile Viswa.sol

Compile and Run script

Home

Viswa.sol 1

1

2

3

4

5

6

7

8

9

```
pragma solidity ^0.8.0;
contract MyContract
{
    function getString() infinite gas
    public pure returns (string memory)
    {
        return "Zone 17";
    }
}
```


0

☐ Listen on all transactions

Search with transaction hash or address

• remix

Type the library name to see available commands.



SOLIDITY COMPILER

COMPILER +

0.8.18+commit.87f61d96

☐ Include nightly builds

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Advanced Configurations

Compile Viswa.sol

Compile and Run script

CONTRACT

MyContract (Viswa.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 file containing a valid license. For more guidelines see https://spdx.org/

Home

Viswa.sol 1

```
1 pragma solidity ^0.8.0;
2 contract MyContract
3 {
4     function getString() infinite gas
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6     {
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9 }
```

0

☐ Listen on all transactions

Search with transaction hash or address

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Type the library name

You have not set a script to run. Set it with @custom.dev-run-script NatSpec tag.

```
[
  {
    "inputs": []
    "name": "getString"
    "outputs": [
      {
        "internalType": "string"
        "name": ""
        "type": "string"
      }
    ]
    "stateMutability": "pure"
    "type": "function"
  }
]
```

[illegible]

DEPLOY & RUN  
TRANSACTIONS

ENVIRONMENT

Remix VM (Shanghai)

VM

ACCOUNT

0x5B3...eddC4 (100 ether)

GAS LIMIT

3000000

VALUE

0 Wei

CONTRACT

MyContract - Viswa.sol

evm version: paris

Deploy

☐ Publish to IPFS

At Address Load contract from Address

Transactions recorded

Deployed Contracts

HomeViswa.sol 1

```
1 pragma solidity ^0.8.0;
2 contract MyContract
3 {
4     function getString() infinite gas
5     public pure returns (string memory)
6     {
7         return "Zone 17";
8     }
9 }
```

0 ☐ listen on all transactions

Search with transaction hash or address

• remix

Type the library name to see available commands.

DEPLOY & RUN  
TRANSACTIONS

ENVIRONMENT

Remix VM (Shanghai)

VM

ACCOUNT

0x5E3...eddC4 (99.9999999)

GAS LIMIT

3000000

VALUE

0 Wei

CONTRACT

MyContract - Viswa.sol

evm version: paris

Deploy

☐ Publish to IPFS

At Address Load contract from Address

Transactions recorded

Deployed Contracts

Home Viswa.sol 1 X

```
1 pragma solidity ^0.8.0;
2 contract MyContract
3 {
4     function getString()  infinite gas
5     public pure returns (string memory)
6     {
7         return "Zone 17";
8     }
9 }
```

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

[vm] from: 0x5E3...eddC4 to: MyContract.(constructor) value: 0 wei data: 0x008...20033 logs: 0 hash: 0x2b8...79ed5 

Debug

DEBbugger

0x2b85c65da17aef7f137eb87d9458011389a3d33a46cd85d396e0bbbe9067...

Stop debugging

Function Stack

No data available

Solidity Locals

No data available

001 PUSH1 40 - LINE 2  
004 MSTORE - LINE 2  
006 CALLVALUE - LINE 2  
008 DUP1 - LINE 2  
009 ISZERO - LINE 2  
008 PUSH2 0010 - LINE 2  
011 JUMPI - LINE 2  
012 PUSH1 00 -  
014 JUMP1 -

Call Stack

Solidity State

No data available

Step details

vm trace step: 1  
execution step: 1  
add memory:  
gas: 3  
remaining gas: 94254  
loaded address: (Contract Creation - Step 0)

Full Storage Changes

pragmasolidity ^0.8.0;  
contract MyContract  
{  
function getString()  
public pure returns (string memory)  
{  
return "Zone 17";  
}  
}

listen on all transactions

Search with transaction hash or address

[vm] from: 0x583...eddC4 to: MyContract.(constructor) value: 0 wei  
data: 0x6080\_2047110000\_0\_6080\_79ed5

Debug

debugging 0x2b85c65da17aef7f137eb87d9458011389a3d33a46cd85d396e0bbbe90679ed5