

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.



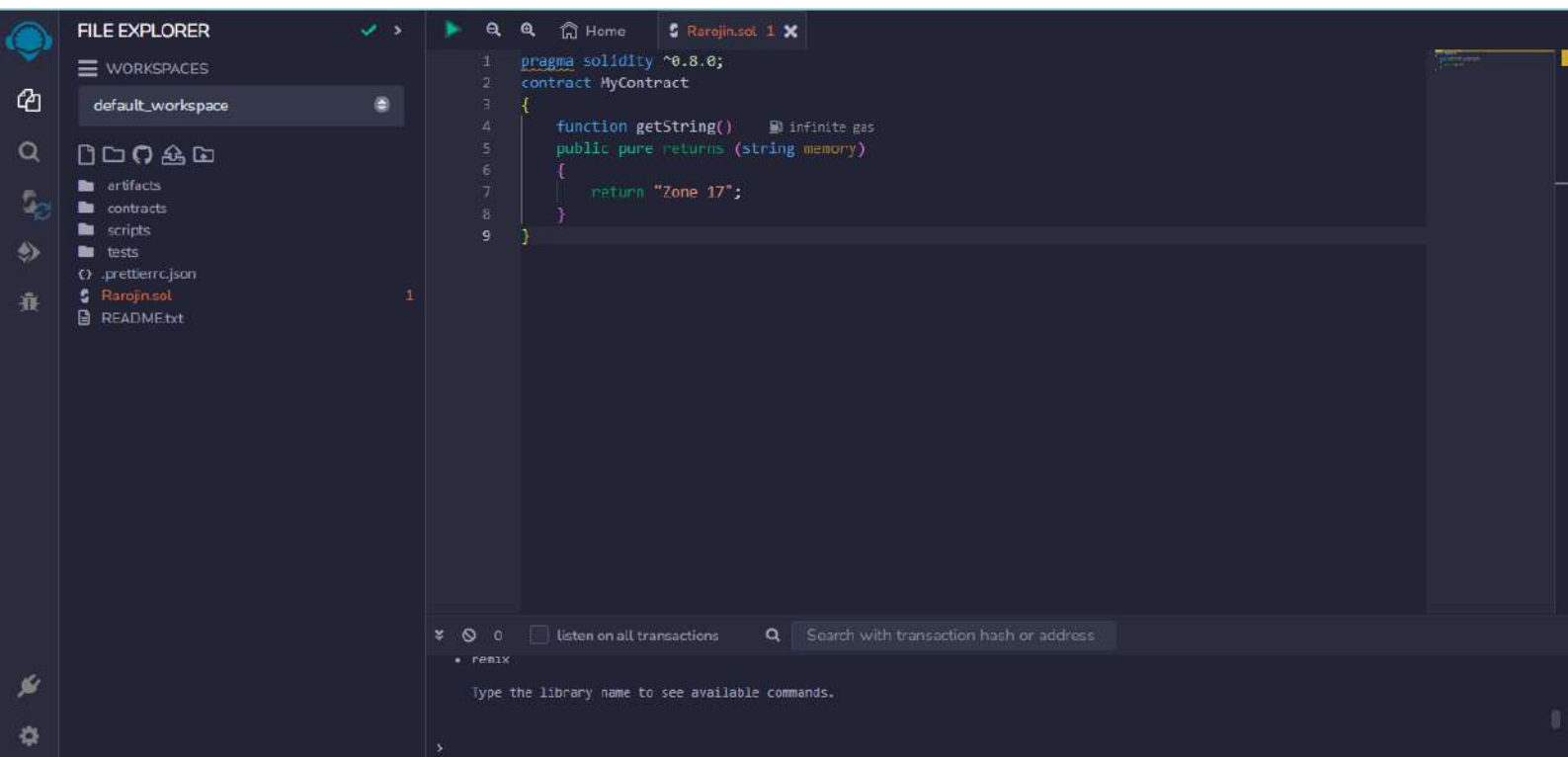
COOKBOOK


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 Raroin.sol

Compile and Run script

Home

Raroin.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 }
```


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☐ 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

☐ Auto compile

☐ Hide warnings

Advanced Configurations

Compile Rarojin.sol

Compile and Run script

CONTRACT

MyContract (Rarojin.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.

Home

Rarojin.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 }
```

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☐ listen on all transactions

Search with transaction hash or address

remix

Type the library name to see available commands.

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

[illegible]

DEPLOY & RUN  
TRANSACTIONS

ENVIRONMENT

Remix VM (Shanghai)

ACCOUNT

0x5B3...eddC4 (100 ether)

GAS LIMIT

3000000

VALUE

0 Wei

CONTRACT

MyContract - Rarojin.sol

evm version: paris

Deploy

☐ Publish to IPFS

At Address Load contract from Address

Transactions recorded 0

Deployed Contracts

Rarojin.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) 

ACCOUNT 


0x5B3...eddC4 99.9999999  

GAS LIMIT 


3000000

VALUE 

0

 Wei 

CONTRACT 

MyContract - Raroin.sol 




evm version: paris


Deploy



☐ Publish to IPFS


At Address




 Load contract from Address


Transactions recorded   


Deployed Contracts 

Home  Raroin.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

 [vm] from: 0x5B3...eddC4 to: MyContract.(constructor) value: 0 wei data: 0x00...20033 logs: 0 hash: 0xa0e...ab0f1

Debug 

DEBbugger

Use generated sources(Solidity >= v0.7.2)

0xa0ef420b1e3569ba83f76d79b9423219a917b2315558aba5568731f7fe8ab...

Stop debugging

Function Stack

No data available

Solidity Locals

No data available

Call Stack

Solidity State

No data available

Step details

vm trace step: 0  
execution step: 0  
add memory:  
gas: 3  
remaining gas: 94259  
loaded address: (Contract Creation - Step 0)

Full Storage Changes

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

listen on all transactions

Search with transaction hash or address

[vm] from: 0x583...ed3C4 to: MyContract.(constructor) value: 0 wei  
data: 0x6080 20433 bytes 0 hash: 0x4de...a8a11

debugging 0xa0ef420b1e3569ba83f76d79b9423219a917b2315558aba5568731f7fe8ab0f1

Debug