

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.



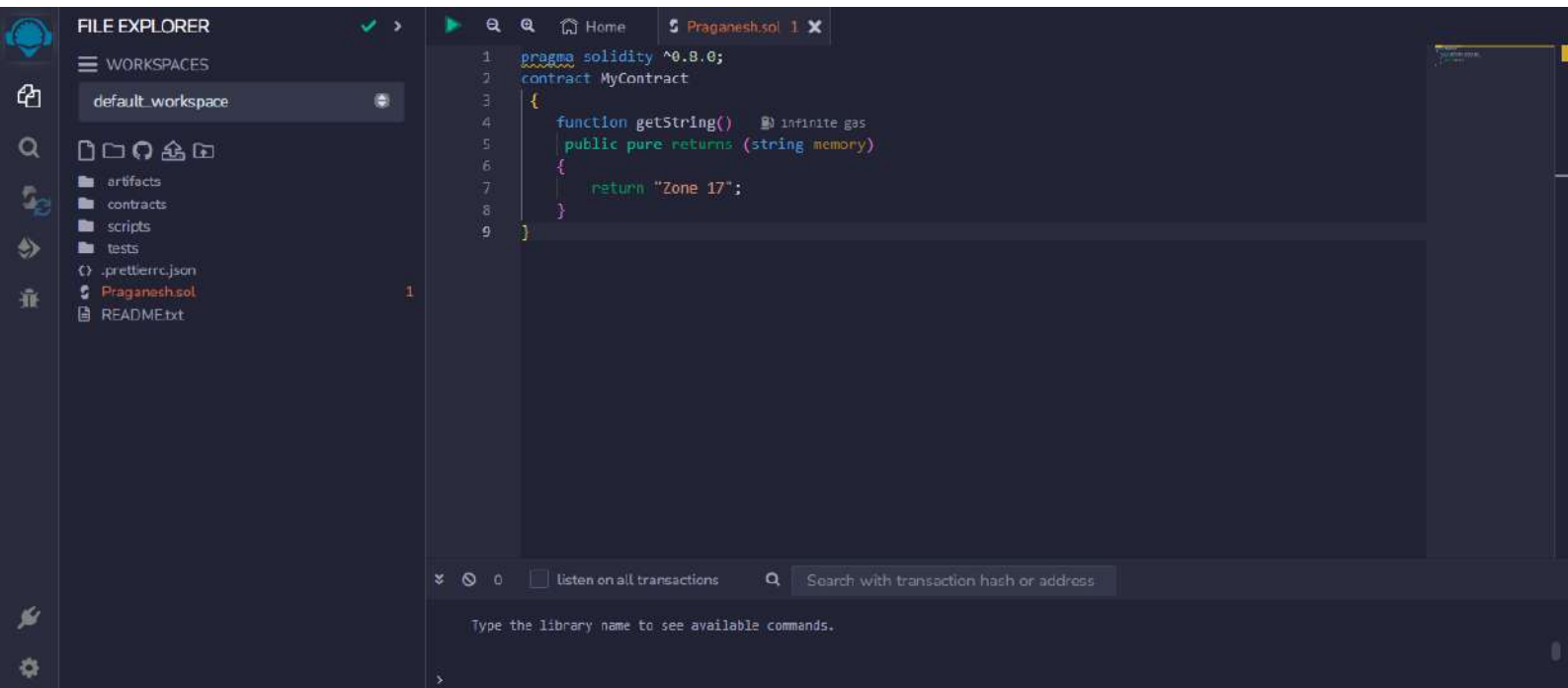
COOKBOOK


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 Praganesh.sol

Compile and Run script

Praganesh.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

• 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 Praganesh.sol

Compile and Run script

CONTRACT

MyContract (Praganesh.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

Praganesh.sol 1 x

```
1 pragma solidity ^0.8.0;
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4     function getString() infinite gas
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```

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 Search with transaction hash or address

• remix

Type the library name

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

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

[illegible]

DEPLOY & RUN
TRANSACTIONS

ENVIRONMENT

Remix VM (Shanghai)

ACCOUNT

0x5E3...eddC4 (100 ether)

GAS LIMIT

3000000

VALUE

0 Wei

CONTRACT

MyContract - Praganesh.sol

evm version: paris

Deploy

☐ Publish to IPFS

At Address Load contract from Address

Transactions recorded 0

Deployed Contracts

Praganesh.sol 1 x

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

0x5B3...eddC4 99.9999999

GAS LIMIT

3000000

VALUE

0 Wei

CONTRACT

MyContract - Praganesh.sol

evm version: paris

Deploy

☐ Publish to IPFS

At Address Load contract from Address

Transactions recorded

Deployed Contracts

Praganesh.sol 1 x

```
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

[vm] from: 0x5B3...eddC4 to: MyContract.(constructor) value: 0 wei data: 0x00...20033 logs: 0 hash: 0x02f...11731

Debug

DEBUGGER

☐ Use generated sources(Solidity >= v0.7.2)

0x02f47b6bd68b1c84c28c076504648bfe9d3cc27fbb89e616428303362fb11...

Stop debugging

Function Stack

No data available

Solidity Locals

No data available

```

003 PUSH1 00 - LINE 2
004 MSTORE - LINE 2
005 CALLVALUE - LINE 2
006 DUP1 - LINE 2
007 ISZERO - LINE 2
008 PUSH2 0010 - LINE 2
011 JUMPI - LINE 2
012 PUSH1 00 -
013 PUSH1 -

```

Call Stack

Solidity State

No data available

Step details

```

vm trace step: 1
execution step: 1
add memory:
gas: 3
remaining gas: 94256
loaded address: (Contract Creation - Ste
p 0)

```

Full Storage Changes

Home

Praganesht.sol 1 x

```

1 pragma solidity ^0.8.0;
2 contract MyContract { PUSH1 costs 3 gas - this line costs 1230 gas - 94256 gas left
3 {
4     function getString() { Infinite gas
5         public pure returns (string memory)
6     {
7         return "Zone 17";
8     }
9 }

```

listen on all transactions

Search with transaction hash or address

[vm] from: 0x583...eddC4 to: MyContract.(constructor) value: 0 wei

data: 0x608...20033 logs: 0 hash: 0x02f...11731

Debug