



mix.ethereum.org



2



0x583...eddC4 (99.9999999%)

7
8

GAS LIMIT

3000000

VALUE

0

Wei

CONTRACT

Zone_name - Zone name.sol

evm version: Istanbul

Deploy

Deploy - transact (not payable)

☐ Publish to IPFS

At Address

Load contract from Address

Transactions recorded 2 1

Deployed Contracts



▶ ZONE_NAME AT 0XD91...39138 (M)

▶ ZONE_NAME AT 0XD8B...33FA8 (M)



DEPLOY & RUN TRANSACTIONS ✓ >

ENVIRONMENT
Remix VM (Shanghai)

Solidity compiler
0x5B3...eddC4 (100 ether)

GAS LIMIT
3000000

Deploy & run transactions
0 Wei

CONTRACT
Zone_name - Zone_name.sol
even version mismatch
Deploy
Publish to IPFS
At Address Load contract from Address

Transactions recorded 0 1 >

Deployed Contracts
Currently you have no contract instances to interact with.

Home Zone_name.sol X

```
1 // My First Smart Contract
2 // SPDX-License-Identifier: UNLICENSED
3 pragma solidity =0.5.0 0.7.0;
4 contract Zone_name {
5     function get() public pure returns (string) {
6         return 'Zone_name';
7     }
8 }
```



Remix VM (Shanghai)

Solidity compiler

0x5B3...eddC4 (99.999999%)

GAS LIMIT

3000000

VALUE

0

Wei

CONTRACT

Zone_name - Zone_name.sol

new contract standard

Deploy

Publish to IPFS

At Address

Load contract from Address

Transactions recorded

Deployed Contracts

Zone_name AT 0x5B3...eddC4

Warning: C-174

get

get - call

0 wei data: Zone_name

Low level interactions

CALLDATA

Deploy

Zone_name AT 0x5B3...eddC4

```
1 pragma solidity ^0.5.0;
2
3 contract Zone_name {
4     function get() public pure returns (string memory) {
5         return "Zone_name";
6     }
7 }
```

Search with transaction hash or address

+ remix

Type the library name to see available commands.
creation of Zone_name pending...

[ve] from: 0x5B3...eddC4 to: Zone_name (constructor)
value: 0 wei data: 0x00...c000 logs: 0
hash: 0x800...c000

Debug

creation of Zone_name pending...

[ve] from: 0x5B3...eddC4 to: Zone_name (constructor)
value: 0 wei data: 0x00...c000 logs: 0
hash: 0x800...c000

Debug

call to Zone_name.get



DEPLOY & RUN TRANSACTIONS ✓

ENVIRONMENT
Remix VM (Shanghai)

VM
Solidity compiler
0x5B3...ddC4 (100 ether)

GAS LIMIT
3000000

Deploy & run transactions
0 Wei

CONTRACT
Zone_name - Zone_name.sol
was verified: successful
Deploy
Publish to IPFS
At Address Load contract from Address

Transactions recorded

Deployed Contracts
Currently you have no contract instances to interact with.

Zone_name.sol

```
// My First Smart Contract
// SPDX-License-Identifier: UNLICENSED
pragma solidity ^0.5.0 0.7.0;
contract Zone_name {
    function get() public pure returns (string memory) {
        return "Zone name";
    }
}
```

Listen on all transactions

Search with transaction hash or address

Welcome to Remix 0.36.1
Your files are stored in indexedDB. 21.49 KB / 31.04 KB used
You can use this terminal to:
• Check transactions details and start debugging.
• Execute JavaScript scripts:
 - Input a script directly in the command line interface.
 - Select a javascript file in the file explorer and then run `remix.execute()` or `remix.execute()` in the command line interface.
 - Right click on a JavaScript file in the file explorer and then



SOLIDITY COMPILER

COMPILED +

0.6.12+commit.27d51765

☐ include nightly builds

Solidity compiler

☐ Hide warnings

Advanced Configurations

Compile Zone name.sol

Compile and Run script

CONTRACT

Zone_name (Zone name.sol)

Publish on Ipfs

Publish on Swarm

Compilation Details

ABI

Bytecode

Zone name.sol

```
1 // By First Smart Contract
2 // SPDX-License-Identifier: UNLICENSED
3 pragma solidity ^0.5.0 0.7.0;
4 contract Zone_name {
5     function get() public pure returns (string memory)
6     {
7         return "Zone name";
8     }
9 }
```

Listen on all transactions

Search with transaction hash or address

Welcome to Remix 0.35.1

Your files are stored in indexedDB, 22.40 KB / 31.08 GB used

You can use this terminal to:

- Check transactions details and start debugging.
- Execute JavaScript scripts:
 - Input a script directly in the command line interface
 - Select a JavaScript file in the file explorer and then run 'remix.execute()' or 'remix.execute()' in the command line interface
 - Right click on a JavaScript file in the file explorer and then click 'Run'



SOLIDITY COMPILER

COMPILER +

0.6.12+commit.27d51765

☐ include nightly builds

☐ Auto compile

☐ Hide warnings

Advanced Configurations

Compile Zone name.sol

Compile and Run script

Zone name.sol

```
1 // By First Smart Contract
2 // SPDX-License-Identifier: UNLICENSED
3 pragma solidity ^0.5.0 0.7.0;
4 contract Zone_name {
5     function get() public pure returns (string memory) {
6         return "Zone name";
7     }
8 }
```

☐ Listen on all transactions

Search with transaction hash or address

Welcome to Remix 0.36.1

Your files are stored in indexedDB, 22.49 KB / 31.06 GB used

You can use this terminal to:

- Check transactions details and start debugging.
- Execute JavaScript scripts:
 - Input a script directly in the command line interface
 - 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"



FILE EXPLORER

WORKSPACES

default_workspace

contracts

scripts

tests

problem.json

README.txt

Zone_name.sol

Home

Zone_name.sol

```
1 // By First Smart Contract
2 // SPDX-License-Identifier: UNLICENSED
3 pragma solidity ^0.5.0 0.7.0;
4 contract Zone_name
5 {
6     function get() public pure returns (string memory)
7     {
8         return "Zone name";
9     }
10 }
```

Listen on all transactions

Search with transaction hash or address

Welcome to Remix 0.35.1

Your files are stored in indexedDB, 1.97 MB / 37.88 GB used

You can use this terminal to:

- Check transactions details and start debugging.
- Execute JavaScript scripts:
 - Input a script directly in the command line interface
 - Select a JavaScript file in the file explorer and then run 'remix.execute()' or 'remix.execute()' in the command line interface
 - Right click on a JavaScript file in the file explorer and then click 'Run'



Remix VM (Shanghai)

Solidity compiler

0x5B3...eddC4 (99.999999%)

GAS LIMIT

3000000

VALUE

0

Wei

CONTRACT

Zone_name - Zone_name.sol

new contract standard

Deploy

Publish to IPFS

At Address

Load contract from Address

Transactions recorded

Deployed Contracts

Zone_name AT 0x5B3...eddC4

Warning: C-174

get

get - call

0 wei data: Zone_name

Low level interactions

CALLDATA

Deploy

Zone_name AT 0x5B3...eddC4

```
1 pragma solidity ^0.5.0;
2 contract Zone_name {
3     function get() public pure returns (string memory) {
4         return "Zone_name";
5     }
6 }
7
```

Search with transaction hash or address

• remix

Type the library name to see available commands.
creation of Zone_name pending...

[ve] from: 0x5B3...eddC4 to: Zone_name (constructor)
value: 0 wei data: 0x00...c000 logs: 0
hash: 0x00...c000

Debug

creation of Zone_name pending...

[ve] from: 0x5B3...eddC4 to: Zone_name (constructor)
value: 0 wei data: 0x00...c000 logs: 0
hash: 0x00...c000

Debug

call to zone_name.get



DEPLOY & RUN TRANSACTIONS ✓

ENVIRONMENT

Remix VM (Shanghai)

VM

Solidity compiler

0x5B3...eddC4 (99.9999999%)

GAS LIMIT

3000000

VALUE

0 Wei

CONTRACT

Zone_name - Zone_name.sol

Deploy

Publish to IPFS

At Address

Load contract from Address

Transactions recorded

Deployed Contracts

ZONE_NAME AT 0XD91...38135 (M)

Balance: 0 ETH

get

Low level interactions

CALLDATA

Transact

ZONE_NAME AT 0XD8B...33FAB (M)

Zone_name.sol

```
1 // My First Smart Contract
2 // SPDX-License-Identifier: UNLICENSED
3 pragma solidity ^0.5.0 0.7.0;
4 contract Zone_name {
5     function get() public pure returns (string) {
6         return "Zone name";
7     }
8 }
```



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

Byte Code

[illegible]