

Remix - Ethereum IDE & commu x Remix - Ethereum IDE & commu x Remix - Ethereum IDE x New tab

https://remix.ethereum.org/#lang=en&optimize=false&truns=200&evmVersion=null&version=soljson-v0.6.12+commit.27d...

FILE EXPLORER

WORKSPACES

default_workspace

- contracts
- scripts
- artifacts
- build-info
- ae1bc38abe43726af12126742c9a674a.json
- Zone_name_metadata.json
- Zone_name.json
- deploy_with_ethers.ts
- deploy_with_web3.ts
- ethers-lib.ts
- web3-lib.ts
- Zone_name.sol**
- tests
- .prettierrc.json
- README.txt

```
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 memory){ Infinite gas
6         return 'Zone name';
7     }
8 }
```

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

This will ensure that the code is compiled with a version greater than or equal to 0.8.0 but less than 0.9.0, which matches the current compiler version being used.

Type here to search

14:50 02-10-2023

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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

CONTRACT

Zone_name (Zone name.sol)

Publish on Ipfs

Publish on Swarm

Compilation Details

ABI Bytecode

```
1 // My First Smart Contract
2 // SPDX-License-Identifier: UNLICENSED
3 pragma solidity >=0.5.0 <0.7.0;
4 contract Zone_name {
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ABI

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

Bytecode

608060405234801561001057600080fd5b5061011e8
06100206000396000f3fe6080604052348015600f576
00080fd5b506004361060285760003560e01c80636d4
ce63c14602d575b600080fd5b603360ab565b6040518
0806020018281038252838181518152602001915080
51906020019080838360005b8381101560715780820
151818401526020810190506058565b505050509050
90810190601f168015609d578082038051600183602
0036101000a031916815260200191505b5092505050
60405180910390f35b6060604051806040016040528
0600981526020017f5a6f6e65206e616d65000000000
000815250
90509056fea26469706673582212209eaa2ebb64f204
b29589d1b32f491984dffa2c93e414cfb60fd22e6ed2b
6b1c564736f6c634300060c0033

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DEPLOY & RUN TRANSACTIONS

ENVIRONMENT

Remix VM (Shanghai)

VM

ACCOUNT

0x5B3...eddC4 (99.999999)

GAS LIMIT

3000000

VALUE

0Wei

CONTRACT

Zone_name - scripts/Zone name.sol

evm version: Istanbul

Deploy

☒ Publish to IPFS

At AddressLoad contract from Address

Transactions recorded 11

Deployed Contracts

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 { PUSH1 costs 3 gas - this line costs 1050 gas - 74531 gas left
5     function get()public pure returns (string memory){ INFINITE gas
6         return 'Zone name';
7     }
8 }
```

listen on all transactions

Search with transaction hash or address

✓ [vm] from: 0x5B3...eddC4 to: Zone_name.(constructor) value: 0 wei data: 0x608...c0033 logs: 0 hash: 0x0B1...6e442

Debug

Type here to search

15:01
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DEPLOY & RUN
TRANSACTIONS

Maintained By: Remix
Documentation:

Description: Execute, save and replay transactions

3000000

VALUE
0 Wei

CONTRACT
Zone_name - scripts/Zone name.sol

evm version: Istanbul

Deploy

☒ Publish to IPFS

At Address Load contract from Address

Transactions recorded 1 1

Deployed Contracts

> ZONE_NAME AT 0xD91...39138

Zone name.sol

scenario.json

```
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 memory){
6         return 'Zone name';
7     }
8 }
```

listen on all transactions

Search with transaction hash or address

CALL [call] from: 0x5838Da6a701c568545dCfc803Fc8675f56beddC4 to: Zone_name.get() data: 0x6d4...ce63c

Debug

Type here to search

15:07
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DEPLOY & RUN TRANSACTIONS

0 Wei

CONTRACT:

Zone_name - scripts/Zone name.sol

evm version: istanbul

Deploy

☒ Publish to IPFS

At Address Load contract from Address

Transactions recorded 1 ⓘ

Deployed Contracts

ZONE_NAME AT 0xD91...39138 ⓘ

Balance: 0 ETH

get

0: string: Zone name

Low level interactions

CALLDATA

Transact

```
1 // My First Smart Contract
2 // SPDX-License-Identifier: UNLICENSED
3 pragma solidity >=0.5.0 <0.7.0;
4 contract Zone_name { PUSH1 costs 3 gas - this line costs 1050 gas - 74531 gas left
5     function get()public pure returns (string memory){ INFINITE gas
6         return 'Zone name';
7     }
8 }
```

listen on all transactions Search with transaction hash or address

CALL [call] from: 0x58380a6a701c568545dCfc803Fc8875f56beddC4 to: Zone_name.get() data: 0x6d4...ce63c

Debug

Type here to search

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