



SOLIDITY COMPILER

COMPILER +

0.8.31+commit.fd3a2265

☐ Include nightly builds

☐ Auto compile

☐ Hide warnings

Advanced Configurations >

Compile Example.sol

Compile and Run script

CONTRACT

Example (Example.sol)

Run Remix Analysis

Run SolidityScan

Publish on IPFS

Publish on Swarm

Compilation Details

ABI Bytecode

1. Compile .sol File

Compile

Home X Settings tests/test.sol Example.sol X

```
1 // SPDX-License-Identifier: GPL-2.0-or-later
2 pragma solidity >=0.8.0;
3
4 contract Example {
5     address public owner;
6     uint256 public totalSupply = 1000;
7     mapping(address => uint256) public balances;
8     mapping (address => mapping (address => bool)) public allowed;
9
10    function setBalance (address from, uint amount) public { 22887 gas
11        balances[from] = amount;
12    }
13
14    function setAllowed (address from, address to) public { infinite gas
15        allowed[from][to] = true;
16    }
17
18    function exam (address from, address to, uint256 amount) public { infinite gas
19        require(from != address(0));
20        require(amount <= balances[from]);
21        require(allowed[from][to]);
22
23        balances[from] = balances[from] - amount;
24        balances[to] = balances[to] + amount;
25    }
26 }
```

Target Function for Debug