

### 1、使用remix调用第一个函数，提交函数调用截图

(1) 、"0xca35b7d915458ef540ade6068dfe2f44e8fa733c",1

```

1 pragma solidity ^0.4.14;
2
3 import './SafeMath.sol';
4 import './Ownable.sol';
5
6 - contract Payrolls is Ownable{
7     using SafeMath for uint256;
8
9 -     struct Employee{
10         address id;
11         uint salary;
12         uint lastPayday;
13     }
14
15     uint constant payDuration = 10 seconds;
16
17     address owner;
18     mapping(address => Employee) public employees;
19
20     uint public totalSalary; //for gas
21
22 -     modifier employeeExist(address employeeId){
23         var employee = employees[employeeId];
24         assert(employee.id != 0x0);
25     }
26
27
28 -     function _partialPaid(Employee employee) private {
29         // uint payment = employee.salary.mul(now.sub(employee.lastPayday)).div(payDuration);
30         uint payment = employee.salary * (now-employee.lastPayday) / payDuration;
31         employee.id.transfer(payment);
32     }

```

**Environment**

JavaScript VM VM (-)

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**Account** 0xca3...a733c (99.999999999999743)

**Gas limit** 3000000

**Value** 0 ether

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**Payrolls**

Create

Load contract from Address

---

0 pending transactions

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**Payrolls at 0xc52...7bd93 (memory)**

employees	address
owner	
totalSalary	
updateEmployee	address employeeId, uint2
transferOwnership	address newOwner
removeEmployee	address employeeId
hasEnoughFund	
getPaid	
calculateRunway	
addFund	
addEmployee	address employeeId, uint2
checkEmployee	address employeeId

[2] only remix transactions, script

☐ Listen on network

**call to Payrolls.removeEmployee**

[wei] from:0xca3...a733c, to:Payrolls.removeEmployee(address) 0xc35...26714, value:0 wei, data:0xd10...a733c, 0 logs, hash:0x098...e03f Details Debug

  

**call to Payrolls.totalSalary**

[call] from:0xca35b7d91545ef540ade6086df2f44e8fa733c, to:Payrolls.totalSalary(), data:2e46e...6ebid, return:

```
{
  "0": "uint256: 1000000000000000000"
}
```

  

**creation of Payrolls pending...**

[wei] from:0xca3...a733c, to:Payrolls.(constructor), value:0 wei, data:0x606...40029, 0 logs, hash:0x8d1...65d8b Details Debug

调用addEmployee函数，输入参数1，结果图下：

**transaction to Payrolls.addEmployee pending ...**

```
[VM] from:0xca3...d733c, to:Payrolls.addEmployee(address,uint256) 0x5c2...7bd93, value:  
0 wei, data:0xe7f...00001, 0 logs, hash:0xda4...4eadf
```

status	0x1 Transaction mined and execution succeed
from	0xca35b7d915458ef540ade6068df2f44ee8fa733c
to	Payrolls.addEmployee(address,uint256) 0x5c22a3e8648a43d5731da3ed79f5e3e9ba37bd93
gas	3000000 gas
transaction cost	105223 gas
execution cost	82351 gas
hash	0xda475e56fd5e54dce7bb874323178039b6f40cf64818012b7afadfb262cb14eadf
input	0xe7fd9a1300000000000000000000000ca35b7d915458ef540ade6068df2f44ee8fa733cc00000000000000000000000000000000 000000000000000000000000000000000000
decoded input	{ "address employeeId": "0xca35b7d915458ef540ade6068df2f44ee8fa733c", (uint256 salary): "1" }
decoded output	{}
logs	[]
value	0 wei

[Details](#)   [Debug](#)

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**Payroll at 0xc5c2...7bd93 (memory)**

- employees address
- owner
- totalSalary
- updateEmployee address employeeid, uint2
- transferOwnership address newOwner
- removeEmployee address employeeid
- hasEnoughFund
- getPaid
- calculateRunway
- addFund
- addEmployee \*0xca35b7d915458ef540
- CheckEmployee address employeeid

存入100ether,执行addFund函数, 结果如下图





