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从Ropsten测试获取一个ETH报错：

Error: 504 <html> <head><title>504 Gateway Time-out</title></head>

<body> <center><h1>

504 Gateway Time-out</h1></center>

<hr><center>nginx/1.19.1</center> </body> </html>

<!-- a padding to disable MSIE and Chrome friendly error page -->

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2021-12-20

Error: 500 {"error":"[ethjs-query] while formatting outputs from RPC '{\"value\":{\"code\":-32603,\"message\":\"Too Many Requests\",\"data\":{\"originalError\":{}},\"stack\":\"Error: Too Many Requests\\n at eval (/www/node\_modules/web3-provider-engine/subproviders/rpc.js:52:23)\\n at Request.eval [as \_callback] (/www/node\_modules/web3-provider-engine/subproviders/rpc.js:54:11)\\n at Request.self.callback (/www/node\_modules/request/request.js:186:22)\\n at Request.emit (events.js:315:20)\\n at Request.eval (/www/node\_modules/request/request.js:1155:10)\\n at Request.emit (events.js:315:20)\\n at IncomingMessage.eval (/www/node\_modules/request/request.js:1077:12)\\n at Object.onceWrapper (events.js:421:28)\\n at IncomingMessage.emit (events.js:327:22)\\n at endReadableNT (internal/streams/readable.js:1327:12)\"}}'"}

====================================================================================

you ar greylisted - greylist period is now reset on this ip and address

截图.png

==============================================================

github.com/dop251/goja

github.com/ethereum/go-ethereum/internal/jsre

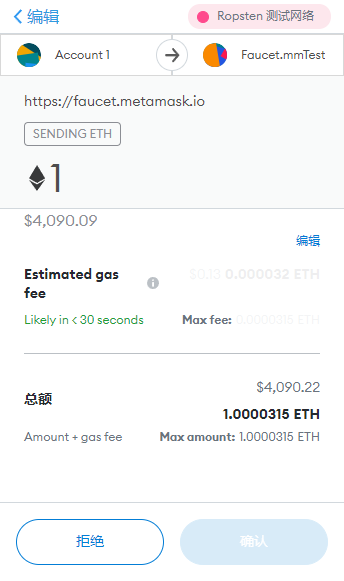
**util.go:46: exit status 2**

**exit status 1**

**Makefile:12: recipe for target 'geth' failed**

**mingw32-make: \*\*\* [geth] Error 1**

\==============================================================



我完成的一个转账交易：

https://ropsten.etherscan.io/tx/0x25b9e82d039fc1f79d061636777620f4829fc6d672429201c4d23e341ec53ddc

==============================================================

2021-12-23 11:46

开始miner.start()：

leon@ubuntu:~/ethmchain/consortium\_blockchain$ **geth --datadir "myblockchain" --networkid 84348 console --nodiscover 2>output.log**

Welcome to the Geth JavaScript console!

instance: Geth/v1.10.13-stable-7a0c19f8/linux-amd64/go1.17.2

coinbase: 0xced27893eea69b3ff1e57b5ce40f19662e9296f5

at block: 262 (Wed Dec 22 2021 18:38:47 GMT+0800 (CST))

datadir: /home/leon/ethmchain/consortium\_blockchain/myblockchain

modules: admin:1.0 debug:1.0 eth:1.0 ethash:1.0 miner:1.0 net:1.0 personal:1.0 rpc:1.0 txpool:1.0 web3:1.0

To exit, press ctrl-d or type exi

> eth.**accounts**

["**0xced27893eea69b3ff1e57b5ce40f19662e9296f5**"]

> miner.**start()**

null

> eth.getBalance(eth.accounts[0])

**524000000000000000000**

> eth.blockNumber

2083 ；当前区块数量

第一个账户（ps：“12345678”）

0xced27893eea69b3ff1e57b5ce40f19662e9296f5

创建第二个账户（12.27）：

> personal.newAccount("111111")

"0x0301dcfd859d01f8507af8929e41b366425c00ec"

> eth.accounts

["0xced27893eea69b3ff1e57b5ce40f19662e9296f5", "0x0301dcfd859d01f8507af8929e41b366425c00ec"]

> eth.getBalance(eth.accounts[0])

3.662e+21

> eth.getBalance("0xced27893eea69b3ff1e57b5ce40f19662e9296f5")

3.662e+21

> eth.getBalance("0x0301dcfd859d01f8507af8929e41b366425c00ec")

0

> eth.blockNumber

1831

>

==================================================================================

标准启动geth（不指定http和port）：

leon@ubuntu:~$ **lsof -i**

COMMAND PID USER FD TYPE DEVICE SIZE/OFF NODE NAME

GeckoMain 2312 leon 107u IPv4 74027 0t0 TCP ubuntu:52554->119.84.174.52:https (ESTABLISHED)

GeckoMain 2312 leon 139u IPv4 62728 0t0 TCP ubuntu:33808->ec2-44-226-6-9.us-west-2.compute.amazonaws.com:https (ESTABLISHED)

geth 3112 leon 35u IPv6 71284 0t0 TCP \*:**30303** (LISTEN)

启动geth指定http参数后，出现可部署合约端口：

geth --datadir "myblockchain" --networkid 84348 **--http** console --nodiscover 2>20211229.log

geth 4032 leon 40u IPv4 76672 0t0 UDP ubuntu:58638->192.168.0.1:5351

geth 4032 leon 43u IPv6 76678 0t0 TCP \*:30303 (LISTEN)

geth 4032 leon 45u IPv4 76680 0t0 TCP localhost:**8545** (LISTEN)

======================================================================

truffle编译的warning：

Before publishing, consider adding a comment containing "SPDX-License-Identifier: <SPDX-License>" to each source file.

就是需要在dnc.sol文件头位置拷贝一行：

// SPDX-License-Identifier: GPL-3.0-or-later

再接：pragma solidity ^0.xx.xx;

=========================================================================

12.28

成功的dnc交易完成：

leon@ubuntu:~/ethmchain/consortium\_blockchain/trufTest02$ truffle migrate

Compiling your contracts...

===========================

> Everything is up to date, there is nothing to compile.

Starting migrations...

======================

> Network name: 'development'

> Network id: 84348

> Block gas limit: 44606115 (0x2a8a2a3)

1\_initial\_migration.js

======================

Deploying 'Migrations'

----------------------

> transaction hash: 0x**9f8098805e**9eaf9e3157cf98333042aef553bac21b88d4c54c01d2603593c2bf

> Blocks: 0  **Seconds**: 48

> contract address: 0x777B3Ecad8363DfbBBecF14af782935805ACbC0C

> block number: 3184

> block timestamp: 1640749539

> account: 0xCED27893eeA69b3fF1E57b5Ce40F19662e9296F5

> balance: 5396

> gas used: 290582 (0x46f16)

> gas price: 1 gwei

> value sent: 0 ETH

> total cost: 0.000290582 ETH

> Saving migration to chain.

> Saving artifacts

-------------------------------------

> Total cost: 0.000290582 ETH

Summary

=======

> Total deployments: 1

> Final cost: 0.000290582 ETH

leon@ubuntu:~/ethmchain/consortium\_blockchain/trufTest02$

注意在部署合约时，会等待miner挖矿来完成合约执行(交易)，所以此时eth必须有miner.start()行为，否则合约会一直等待有交易完成。

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dnc的第二笔合约执行：

leon@ubuntu:~/ethmchain/consortium\_blockchain/trufTest02$ t**ruffle deploy --reset**

Compiling your contracts...

===========================

> Everything is up to date, there is nothing to compile.

Starting migrations...

======================

> Network name: 'development'

> Network id: 84348

> Block gas limit: 36438703 (0x22c02af)

1\_initial\_migration.js

======================

Replacing 'Migrations'

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> transaction hash: 0x**e680351e3**cfa18c3a189ac28e39e641244f02bc45253ee953ee35be9de937595

> Blocks: 1 Seconds: 12

> contract address: 0x3c072621e4860E1B02cb2514145eA188C2DA65b7

> block number: 3391

> block timestamp: 1640755474

> account: 0xCED27893eeA69b3fF1E57b5Ce40F19662e9296F5

> balance: 5810

> gas used: 290582 (0x46f16)

> gas price: 1 gwei

> value sent: 0 ETH

> total cost: 0.000290582 ETH

> Saving migration to chain.

> Saving artifacts

-------------------------------------

> Total cost: 0.000290582 ETH

Summary

=======

> Total deployments: 1

> Final cost: 0.000290582 ETH

leon@ubuntu:~/ethmchain/consortium\_blockchain/trufTest02$

、挖矿挖出合约交易的输出日志：

INFO [12-29|12:00:35.332] Commit new mining work number=3391 sealhash=c36e50..42ac1f uncles=0 txs=0 gas=0 fees=0 elapsed=7.571ms

INFO [12-29|12:00:35.332] 🔨 mined potential block number=3390 hash=6fd441..2f2f95

WARN [12-29|12:04:01.068] Served eth\_sendTransaction conn=127.0.0.1:45564 reqid=15 t="97.592µs" err="authentication needed: password or unlock"

INFO [12-29|13:24:28.330] **Submitted contract creation** hash=**0xe680351e3cfa18c3a189ac28e39e641244f02bc45253ee953ee35be9de937595** from=0xCED27893eeA69b3fF1E57b5Ce40F19662e9296F5 nonce=2 contract=0x3c072621e4860E1B02cb2514145eA188C2DA65b7 value=0

INFO [12-29|13:24:34.324] Updated mining threads threads=2

INFO [12-29|13:24:34.324] Transaction pool price threshold updated price=1,000,000,000

INFO [12-29|13:24:34.324] Commit new mining work number=3391 sealhash=9b12ad..9fc25f uncles=0 txs=0 gas=0 fees=0 elapsed="147.11µs"

INFO [12-29|13:24:34.327] Commit new mining work number=3391 sealhash=ecf7d9..970079 uncles=0 txs=1 gas=290,582 fees=0.000290582 elapsed=3.056ms

INFO [12-29|13:24:40.270] Successfully sealed new block number=3391 sealhash=ecf7d9..970079 hash=d16e37..d25433 elapsed=5.945s

INFO [12-29|13:24:40.271] 🔗 block reached canonical chain number=3384 hash=2597e4..219b6a

INFO [12-29|13:24:40.271] 🔨 mined potential block number=3391 hash=d16e37..d25433

INFO [12-29|13:24:40.272] Commit new mining work number=3392 sealhash=a1373a..c71d04 uncles=0 txs=0 gas=0 fees=0 elapsed="450.526µs"

INFO [12-29|13:24:40.273] Commit new mining work number=3392 sealhash=a1373a..c71d04 uncles=0 txs=0 gas=0 fees=0 elapsed=1.125ms

INFO [12-29|13:24:40.523] **Submitted transaction** hash=**0x411cdccf94cab3bb5535a6920ae1e154ca7e821aca3a31c37bc7d523676009a9** from=0xCED27893eeA69b3fF1E57b5Ce40F19662e9296F5 nonce=3 recipient=0x3c072621e4860E1B02cb2514145eA188C2DA65b7 value=0

INFO [12-29|13:24:43.291] Commit new mining work number=3392 sealhash=a08702..eddf88 uncles=0 txs=1 gas=42173 fees=4.2173e-05 elapsed="370.463µs"

INFO [12-29|13:24:54.854] Successfully sealed new block number=3392 sealhash=a08702..eddf88 hash=03a636..79d482 elapsed=11.563s

INFO [12-29|13:24:54.854] 🔗 block reached canonical chain number=3385 hash=38722e..19c3ec

INFO [12-29|13:24:54.854] 🔨 mined potential block number=3392 hash=03a636..79d482

INFO [12-29|13:24:54.854] Commit new mining work number=3393 sealhash=5d655c..6a26a1 uncles=0 txs=0 gas=0 fees=0 elapsed="98.483µs"

INFO [12-29|13:24:54.854] Commit new mining work number=3393 sealhash=5d655c..6a26a1 uncles=0 txs=0 gas=0 fees=0 elapsed="353.024µs"

注意：

create是创建了一个新合约；后面再执行这个合约；链上已有可以直接执行合约；

从合约create提交到执行交易完成，时间花费12秒。

、第三次(truffle deploy --reset)部署trufTest02成功的交易：

----------------------

> transaction hash: 0x**fa8e3235**c90e1fc6e55ffd99eb57bea4dc2d68aa66fa47f2de9e4a408493c2eb

-----------------------------------------------------------------------------------------------------------------------------

发起交易的日志记录：

NFO [12-29|15:45:34.262] Submitted transaction hash=0x9587300dbcc7897368fbf72f4608691cbcc753cd357ed801587678a351447c11 from=0xCED27893eeA69b3fF1E57b5Ce40F19662e9296F5 nonce=8 recipient=0x0301DCfd859D01f8507af8929E41B366425c00EC value=10,000,000,000,000,000,000

============================================================================

2021-12-31

真正的Dnc发币合约部署：

leon@ubuntu:~/ethmchain/consortium\_blockchain/trufTest03$ truffle migrate

Compiling your contracts...

===========================

> Everything is up to date, there is nothing to compile.

Starting migrations...

======================

> Network name: 'development'

> Network id: 84348

> Block gas limit: 10444789 (0x9f5ff5)

2\_deploy\_contracts.js

=====================

Deploying '**DncToken**'

--------------------

> transaction hash: **0x8c17ad43**fcbc1d69683a006c509bf7603b54901fd4783f221cea6fbc78e21271

> Blocks: 0 Seconds: 12

> contract address: 0x6fd9e434e419905E0e11059e6Ad01E2b046c454f

> block number: 4670

> block timestamp: 1640942865

> account: 0xCED27893eeA69b3fF1E57b5Ce40F19662e9296F5

> balance: 7074

> gas used: 2161544 (0x20fb88)

> gas price: 1 gwei

> value sent: 0 ETH

> total cost: 0.002161544 ETH

> Saving migration to chain.

> Saving artifacts

-------------------------------------

> Total cost: 0.002161544 ETH

Summary

=======

> Total deployments: 1

> Final cost: 0.002161544 ETH

leon@ubuntu:~/ethmchain/consortium\_blockchain/trufTest03$

============================================================================

2022-01-04

用"truffle console"发起的成功转账交易(100eth转账)：(先进入truffle项目目录)

truffle(development)> **web3.eth.sendTransaction**({from:"0xced27893eea69b3ff1e57b5ce40f19662e9296f5",to:"0x0301dcfd859d01f8507af8929e41b366425c00ec",value:'100000000000000000000'})

{

blockHash: '0xf9419bf4a9fb3fef7ee8710506765d61a2ffb29f006ba32a998b8b9210e08d0a',

blockNumber: 6579,

contractAddress: null,

cumulativeGasUsed: 21000,

effectiveGasPrice: '0x3b9aca00',

from: '0xced27893eea69b3ff1e57b5ce40f19662e9296f5',

gasUsed: 21000,

logs: [],

logsBloom: '0x00000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000',

status: true,

to: '0x0301dcfd859d01f8507af8929e41b366425c00ec',

transactionHash: '0xb0fdc69f0b206e8111f92253502b99bb26ab15684c05f0ae54556c3a9ac0c3db',

transactionIndex: 0,

type: '0x0'

}

truffle(development)>

、truffleconsole执行DncToken**合约函数**：

> var dnc

truffle(development)> **DncToken.deployed().then((instance)=>**{dnc=**instance**})

truffle(development)> **dnc.**finishMinting() //合约中函数包括继承父类函数**//这里就完全阻止了铸币！**

{ //交易前仍然要解锁基本账户，交易提交后要有挖矿打包

tx: '0x5b902fde2fe93b9d700beb1f84a16b06b4657db6b978d657e411aaacb23caae7',

receipt: {

blockHash: '0x5a7aa950094925c3991987973a09adca61104d20deb92c56707400a0d3005ec9',

blockNumber: 6589,

contractAddress: null,

cumulativeGasUsed: 28352,

effectiveGasPrice: '0x3b9aca00',

from: '0xced27893eea69b3ff1e57b5ce40f19662e9296f5',

gasUsed: 28352,

logs: [ [Object] ],

logsBloom: '0x00000000000000000000000000000000000000000000000000000000000000000000000000000000200000000000000000000000000000000000000000000000000000000000000000100010000000000000000000000000000000000000000000000000000000000000000000000000008000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000400000000000000000000000000000000000000004000000000000000000000000000000000000000000000000000000000000000000000000',

status: true,

to: '0x6fd9e434e419905e0e11059e6ad01e2b046c454f',

transactionHash: '0x5b902fde2fe93b9d700beb1f84a16b06b4657db6b978d657e411aaacb23caae7',

transactionIndex: 0,

type: '0x0',

rawLogs: [ [Object] ]

},

logs: [

{

address: **'0x6fd9e434e419905E0e11059e6Ad01E2b046c454f**',

blockNumber: 6589,

transactionHash: '0x5b902fde2fe93b9d700beb1f84a16b06b4657db6b978d657e411aaacb23caae7',

transactionIndex: 0,

blockHash: '0x5a7aa950094925c3991987973a09adca61104d20deb92c56707400a0d3005ec9',

logIndex: 0,

removed: false,

id: 'log\_8cfb8f7e',

event: 'MintFinished',

args: [Result]

}

]

}

truffle(development)>

--------------------------------------------------------------------------------------------------------

这次调用出错了：

truffle(development)> var dnc

undefined

truffle(development)> DncToken.deployed().then((instance)=>{dnc=instance})

undefined

truffle(development)> dnc.finishMinting()

Uncaught Error: Returned error: execution reverted

at evalmachine.<anonymous>

at sigintHandlersWrap (node:vm:268:12)

at Script.runInContext (node:vm:137:14)

at runScript (/usr/local/lib/node\_modules/truffle/build/webpack:/packages/core/lib/console.js:364:1)

at Console.interpret (/usr/local/lib/node\_modules/truffle/build/webpack:/packages/core/lib/console.js:379:1)

at bound (node:domain:421:15)

at REPLServer.runBound [as eval] (node:domain:432:12)

at REPLServer.onLine (node:repl:891:10)

at REPLServer.emit (node:events:390:28)

at REPLServer.emit (node:domain:475:12)

at REPLServer.[\_onLine] [as \_onLine] (node:internal/readline/interface:389:12)

at REPLServer.[\_line] [as \_line] (node:internal/readline/interface:793:18)

at REPLServer.[\_ttyWrite] [as \_ttyWrite] (node:internal/readline/interface:1105:22)

at REPLServer.self.\_ttyWrite (node:repl:986:9) {

data: null,

hijackedStack: 'Error: Returned error: execution reverted\n' +

' at Object.ErrorResponse (/usr/local/lib/node\_modules/truffle/build/webpack:/node\_modules/web3-core-helpers/lib/errors.js:28:1)\n' +

' at /usr/local/lib/node\_modules/truffle/build/webpack:/node\_modules/web3/node\_modules/web3-core-requestmanager/lib/index.js:302:1\n' +

' at /usr/local/lib/node\_modules/truffle/build/webpack:/packages/provider/wrapper.js:107:1\n' +

' at XMLHttpRequest.request.onreadystatechange (/usr/local/lib/node\_modules/truffle/build/webpack:/node\_modules/web3/node\_modules/web3-providers-http/lib/index.js:98:1)\n' +

' at XMLHttpRequestEventTarget.dispatchEvent (/usr/local/lib/node\_modules/truffle/build/webpack:/node\_modules/xhr2-cookies/dist/xml-http-request-event-target.js:34:1)\n' +

' at XMLHttpRequest.exports.modules.996763.XMLHttpRequest.\_setReadyState (/usr/local/lib/node\_modules/truffle/build/webpack:/node\_modules/xhr2-cookies/dist/xml-http-request.js:208:1)\n' +

' at XMLHttpRequest.exports.modules.996763.XMLHttpRequest.\_onHttpResponseEnd (/usr/local/lib/node\_modules/truffle/build/webpack:/node\_modules/xhr2-cookies/dist/xml-http-request.js:318:1)\n' +

' at IncomingMessage.<anonymous> (/usr/local/lib/node\_modules/truffle/build/webpack:/node\_modules/xhr2-cookies/dist/xml-http-request.js:289:47)\n' +

' at IncomingMessage.emit (node:events:402:35)\n' +

' at IncomingMessage.emit (node:domain:537:15)\n' +

' at endReadableNT (node:internal/streams/readable:1343:12)\n' +

' at processTicksAndRejections (node:internal/process/task\_queues:83:21)'

}

truffle(development)>

出错的日志：

WARN [01-06|14:46:30.016] WServed personal\_unlockAccount reqid=61 duration=1.580301453s err="could not decrypt key with given password"

WARN [01-06|14:47:18.637] Served eth\_estimateGas conn=127.0.0.1:57070 reqid=7 duration=1.07692ms err="execution reverted"

WARN [01-06|14:47:18.648] Served eth\_sendTransaction conn=127.0.0.1:57076 reqid=10 duration=1.69174ms err="execution reverted"

WARN [01-06|14:47:18.653] Served eth\_call conn=127.0.0.1:57078 reqid=1641451638652 duration="230.927µs" err="execution reverted"

、换一个函数调用又正确了：

truffle(development)> DncToken.deployed().then((instance)=>{dnc=instance})

undefined

truffle(development)> **dnc.totalSupply()**

BN { negative: 0, words: [ 0, <1 empty item> ], length: 1, red: null }

truffle(development)>

但是日志显示不成功：

WARN [01-06|15:09:02.351] Served eth\_sendTransaction conn=127.0.0.1:57210 reqid=61 duration=1.057893ms err="**execution reverted**"

、用部署变量赋值方法访问函数好像效果好：

truffle(development)> let instance=await DncToken.deployed()

truffle(development)> instance //会显示海量内容……

truffle(development)> instance.mintingFinished()

true

truffle(development)> instance.cap()

BN {

negative: 0,

words: [ 25821184, 13721111, 22, <1 empty item> ],

length: 3,

red: null

}

、终于到gas费用报错阶段了：

truffle(development)> instance.mint(accounts[2],50000,{from:accounts[0],gas:90000000})

Uncaught Error: Returned error: **exceeds block gas limit**

at evalmachine.<anonymous>

at sigintHandlersWrap (node:vm:268:12)

at Script.runInContext (node:vm:137:14)

at runScript (/usr/local/lib/node\_modules/truffle/build/webpack:/packages/core/lib/console.js:364:1)

at Console.interpret (/usr/local/lib/node\_modules/truffle/build/webpack:/packages/core/lib/console.js:379:1)

at bound (node:domain:421:15)

at REPLServer.runBound [as eval] (node:domain:432:12)

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at REPLServer.emit (node:events:390:28)

at REPLServer.emit (node:domain:475:12)

at REPLServer.[\_onLine] [as \_onLine] (node:internal/readline/interface:389:12)

at REPLServer.[\_line] [as \_line] (node:internal/readline/interface:793:18)

at REPLServer.[\_ttyWrite] [as \_ttyWrite] (node:internal/readline/interface:1105:22)

at REPLServer.self.\_ttyWrite (node:repl:986:9) {

data: null,

hijackedStack: 'Error: Returned error: exceeds block gas limit\n' +

' at Object.ErrorResponse (/usr/local/lib/node\_modules/truffle/build/webpack:/node\_modules/web3-core-helpers/lib/errors.js:28:1)\n' +

' at /usr/local/lib/node\_modules/truffle/build/webpack:/node\_modules/web3/node\_modules/web3-core-requestmanager/lib/index.js:302:1\n' +

' at /usr/local/lib/node\_modules/truffle/build/webpack:/packages/provider/wrapper.js:107:1\n' +

' at XMLHttpRequest.request.onreadystatechange (/usr/local/lib/node\_modules/truffle/build/webpack:/node\_modules/web3/node\_modules/web3-providers-http/lib/index.js:98:1)\n' +

' at XMLHttpRequestEventTarget.dispatchEvent (/usr/local/lib/node\_modules/truffle/build/webpack:/node\_modules/xhr2-cookies/dist/xml-http-request-event-target.js:34:1)\n' +

' at XMLHttpRequest.exports.modules.996763.XMLHttpRequest.\_setReadyState (/usr/local/lib/node\_modules/truffle/build/webpack:/node\_modules/xhr2-cookies/dist/xml-http-request.js:208:1)\n' +

' at XMLHttpRequest.exports.modules.996763.XMLHttpRequest.\_onHttpResponseEnd (/usr/local/lib/node\_modules/truffle/build/webpack:/node\_modules/xhr2-cookies/dist/xml-http-request.js:318:1)\n' +

' at IncomingMessage.<anonymous> (/usr/local/lib/node\_modules/truffle/build/webpack:/node\_modules/xhr2-cookies/dist/xml-http-request.js:289:47)\n' +

' at IncomingMessage.emit (node:events:402:35)\n' +

' at IncomingMessage.emit (node:domain:537:15)\n' +

' at endReadableNT (node:internal/streams/readable:1343:12)\n' +

' at processTicksAndRejections (node:internal/process/task\_queues:83:21)'

}

truffle(development)>

出错日志如下：

WARN [01-06|19:03:45.353] Caller gas above allowance, capping requested=90,000,000 cap=50,000,000

WARN [01-06|19:03:45.354] Served eth\_call conn=127.0.0.1:57574 reqid=1641467025352 duration=1.212547ms err="execution reverted"

WARN [01-06|19:04:38.191] Served eth\_sendTransaction conn=127.0.0.1:57582 reqid=123 duration="277.308µs" err="exceeds block gas limit"

WARN [01-06|19:04:38.194] Caller gas above allowance, capping requested=90,000,000 cap=50,000,000

WARN [01-06|19:04:38.195] Served eth\_call conn=127.0.0.1:57584 reqid=1641467078194 duration="239.647µs" err="execution reverted"

、把gas设置成40000以后，总算成功了一半：

truffle(development)> instance.mint(accounts[2],50000,{from:accounts[0]**,gas:40000**})

Uncaught:

StatusError: Transaction: 0x4c0458e550bb3f3e6d9dc34677580f566884be2a38bd7cf9f03430024f81ee86 exited with an error (status 0).

at evalmachine.<anonymous>

at sigintHandlersWrap (node:vm:268:12)

at Script.runInContext (node:vm:137:14)

at runScript (/usr/local/lib/node\_modules/truffle/build/webpack:/packages/core/lib/console.js:364:1)

at Console.interpret (/usr/local/lib/node\_modules/truffle/build/webpack:/packages/core/lib/console.js:379:1)

at bound (node:domain:421:15)

at REPLServer.runBound [as eval] (node:domain:432:12)

at REPLServer.onLine (node:repl:891:10)

at REPLServer.emit (node:events:390:28)

at REPLServer.emit (node:domain:475:12)

at REPLServer.[\_onLine] [as \_onLine] (node:internal/readline/interface:389:12)

at REPLServer.[\_line] [as \_line] (node:internal/readline/interface:793:18)

at REPLServer.[\_ttyWrite] [as \_ttyWrite] (node:internal/readline/interface:1105:22)

at REPLServer.self.\_ttyWrite (node:repl:986:9) {

tx: '0x4c0458e550bb3f3e6d9dc34677580f566884be2a38bd7cf9f03430024f81ee86',

receipt: {

blockHash: '0x6e177cd1f063f12844c359086dbc73b6fb5578f9160f3413581fdb987d43530a',

blockNumber: 7622,

contractAddress: null,

cumulativeGasUsed: 24224,

effectiveGasPrice: '0x3b9aca00',

from: '0xced27893eea69b3ff1e57b5ce40f19662e9296f5',

**gasUsed: 24224**,

logs: [],

logsBloom: '0x00000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000',

status: false,

to: '0x6fd9e434e419905e0e11059e6ad01e2b046c454f',

transactionHash: '0x4c0458e550bb3f3e6d9dc34677580f566884be2a38bd7cf9f03430024f81ee86',

transactionIndex: 0,

type: '0x0',

rawLogs: []

},

reason: undefined,

hijackedStack: 'StatusError: Transaction: 0x4c0458e550bb3f3e6d9dc34677580f566884be2a38bd7cf9f03430024f81ee86 exited with an error (status 0). \n' +

' Please check that the transaction:\n' +

' - satisfies all conditions set by Solidity `require` statements.\n' +

' - does not trigger a Solidity `revert` statement.\n' +

'\n' +

' at Object.receipt (/usr/local/lib/node\_modules/truffle/build/webpack:/packages/contract/lib/handlers.js:128:1)\n' +

' at processTicksAndRejections (node:internal/process/task\_queues:96:5)\n' +

' at Function.start (/usr/local/lib/node\_modules/truffle/build/webpack:/packages/contract/lib/override.js:49:1)'

}

truffle(development)>

这个奇怪的交易，失败后，ETH反而从10115.增加到1017.0011了！

===============================================================================