

Account1:

0x6E8b451Cb101a55a24fB24a855745873DeEA87B2

Account2:

0x253F909D804F9C92bCb4432b56495eDcE86A96d9

1.acc1 deploy OneRingNFT

合约地址0x58B0e0b0c1064B6e7Ec26C7C6cF3cDF11678C969

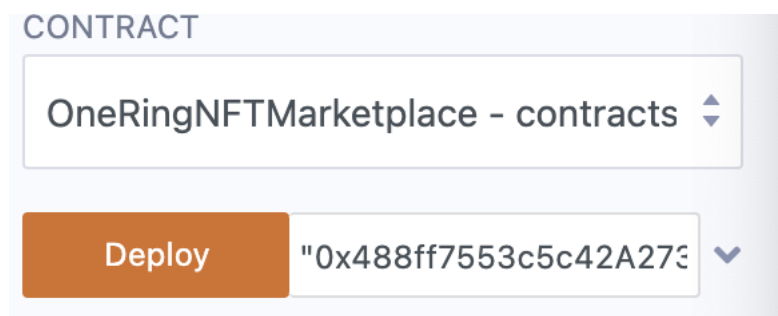
2.acc1 deploy OneRingNFTMarketplace

传入OneRingNFT合约地址作为参数

合约地址0x8AEa57a39220493eC5a401b61adF67b36734A43a

[https://goerli.etherscan.io/address/](https://goerli.etherscan.io/address/0x58b0e0b0c1064b6e7ec26c7c6cf3cdf11678c969#writeContract)

[0x58b0e0b0c1064b6e7ec26c7c6cf3cdf11678c969#writeContract](https://goerli.etherscan.io/address/0x58b0e0b0c1064b6e7ec26c7c6cf3cdf11678c969#writeContract)



The screenshot shows the 'CONTRACT' section of the Etherscan interface. A dropdown menu is set to 'OneRingNFTMarketplace - contracts'. Below it, there is an orange 'Deploy' button and a text input field containing the address '0x488ff7553c5c42A273'. A small downward arrow is visible next to the address field.

3.acc1调用OneRingNFT 进行safemint得到第一个NFT



The screenshot shows the 'safeMint' section of the Etherscan interface. It features a label '_tokenURI:' followed by a text input field containing the value '"testURL"'. Below the input field, there is a clipboard icon and an orange 'transact' button.

acc1调用ownerOf检查

ownerOf

tokenId: 1



call

0: address: 0x6E8b451Cb101a55a24fB24a855745873DeEA87B2

4.acc1 (OneRingNFT合约的deployer,owner) 调用setApprovalForAll
授予OneRingNFTMarketplace所有操作权限, 以便将来可以转OneRingNFT合约的
NFT

setApprovalForAll

operator: "0x723Ae59714C851fFa2A"

approved: "True"



transact

5.acc1 调用OneRingNFTMarketplace的addNFTToSellList, 将id为1的NFT设置价格
为15*10¹⁸WEI, 拍卖模式设置为0是英格兰拍卖, 设置为1是荷兰拍卖, 设置为其他
数字是普通定价模式

addNFTToSellList

_id: 1

_price: 15000000000000000000

_typeNum: 1



transact

6.acc2 调用makeOffer

ENVIRONMENT

Injected Web3

Custom (5777) network

ACCOUNT +

0x253...A96d9 (98.438638)

GAS LIMIT

3000000

VALUE

140000000000000000

Wei

makeOffer

_id: 1

_price: 1400000000000000000

transact

7.查询当前最佳Offer

bestOfferOfNFTId

_tokenId: "1"

call

0: tuple(uint256,uint256,address,uint256,uint8): 1,1,0x253F909D804F9C92bCb4432b56495eDcE86A96d9,140000000000000000,0

8.fillOffer

fillOfferByNFTOwner

^

_offerId:

1

_tokenId:

1

transact

9.查看新nft owner已经成了acc2

ownerOf

1

▼

0: address: 0x253F909D804F9C92bCb4432b56495eDcE86A96d9

10. Acc1 withdraw

claimFunds

11.NFT collection

一个NFT在mint后 可由NFT owner创建一个collection，并将其加入collection
safeMint —》registerNewCollection
—》 addTokenIdToCollection

addTokenIdToCollection

tokenId: 1

collectionName: collection1

transact

approve

address to, uint256 tokenId

registerNewCollection

collectionName: collection1

transact

safeMint

_tokenId: url1

transact

12 OneRingNFT相关查询

_tokenIdToCollectionName

: 1

call

0: string: collection1

_tokenIdToTokenURI

: "1"

call

0: string: url1

ownerOfCollectionName

collectionName: collection1

call

0: address: 0x6E8b451Cb101a55a24fB24a855745873DeEA87B2

ownerOf

tokenId: 1

call

0: address: 0x6E8b451Cb101a55a24fB24a855745873DeEA87B2

tokenByIndex ^

index:



call

0: uint256: 1

tokenOfOwnerByIndex ^

owner:

index:



call

0: uint256: 1

tokenURI ^

tokenId:



call

0: string: url1