

Account1:

0x6E8b451Cb101a55a24fB24a855745873DeEA87B2

Account2:

0x253F909D804F9C92bCb4432b56495eDcE86A96d9

1.acc1 deploy OneRingNFT

合约地址0x488ff7553c5c42A273EbbC96d24607c3a337Ecc3

2.acc1 deploy OneRingNFTMarketplace

传入OneRingNFT合约地址作为参数

合约地址0x723Ae59714C851fFa2A65847245B2985a58a8856

CONTRACT

OneRingNFTMarketplace - contracts

Deploy "0x488ff7553c5c42A273EbbC96d24607c3a337Ecc3"

3.acc1调用OneRingNFT 进行safemint得到第一个NFT

safeMint

\_tokenURI: "testURL"

transact

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 $15 \times 10^{18}$ WEI, 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

i

Custom (5777) network

ACCOUNT +

0x253...A96d9 (98.438638)

GAS LIMIT

3000000

VALUE

140000000000000000

Wei

### makeOffer

\_id:

1

\_price:

140000000000000000

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