

## NextJS NFT Marketplace :

Diperlukan tampilan marketplace untuk pendeployan nft

```
.env ethers-simple-storage .env hardhat-erc20-fcc JS 01-deploy-nft-marketplace.js X
hardhat-nextjs-nft-marketplace-fcc > deploy > JS 01-deploy-nft-marketplace.js > <unknown> > exports > waitBlockConfirmations
1  const { network } = require("hardhat")
2  const { developmentChains, VERIFICATION_BLOCK_CONFIRMATIONS } = require("../helper-hardhat-config")
3  const { verify } = require("../utils/verify")
4
5  module.exports = async ({ getNamedAccounts, deployments }) => {
6    const { deploy, log } = deployments
7    const { deployer } = await getNamedAccounts()
8    const waitBlockConfirmations = developmentChains.includes(network.name)
9      ? 1
10      : VERIFICATION_BLOCK_CONFIRMATIONS
11
12    log("-----")
13    const arguments = []
14    const nftMarketplace = await deploy("NftMarketplace", {
15      from: deployer,
16      args: arguments,
17      log: true,
18      waitConfirmations: waitBlockConfirmations,
19    })
20
21    // Verify the deployment
22    if (!developmentChains.includes(network.name) && process.env.ETHERSCAN_API_KEY) {
23      log("Verifying...")
24      await verify(nftMarketplace.address, arguments)
25    }
26    log("-----")
27  }
28
29  module.exports.tags = ["all", "nftmarketplace"]
30
```

Jalankan perintah yarn untuk menginstall dependensi, setelah itu coba men test smart contract tersebut sebelum di deploy

```
gitpod /workspace/new_folder/hardhat-nextjs-nft-marketplace-fcc (main) $ yarn hardhat test
yarn run v1.22.19
$ /workspace/new_folder/hardhat-nextjs-nft-marketplace-fcc/node_modules/.bin/hardhat test

Nft Marketplace Unit Tests
  listItem
    ✓ emits an event after listing an item
    ✓ exclusively items that haven't been listed
    ✓ exclusively allows owners to list
    ✓ needs approvals to list item
    ✓ Updates listing with seller and price
  cancellisting
    ✓ reverts if there is no listing
    ✓ reverts if anyone but the owner tries to call
    ✓ emits event and removes listing
  buyItem
    ✓ reverts if the item isnt listed
    ✓ reverts if the price isnt met
    ✓ transfers the nft to the buyer and updates internal proceeds record
  updatelisting
    ✓ must be owner and listed
    ✓ updates the price of the item
  withdrawProceeds
    ✓ doesn't allow 0 proceed withdrawals
    ✓ withdraws proceeds

15 passing (2s)

Done in 4.63s.
gitpod /workspace/new_folder/hardhat-nextjs-nft-marketplace-fcc (main) $
```


Bila semua fungsi pada test berhasil dijalankan, maka kita dapat deploy dengan aman

```
gitpod /workspace/new_folder/hardhat-nextjs-nft-marketplace-fcc (main) $ yarn hardhat deploy
yarn run v1.22.19
$ /workspace/new_folder/hardhat-nextjs-nft-marketplace-fcc/node_modules/.bin/hardhat deploy
Nothing to compile
-----
deploying "NftMarketplace" (tx: 0x979b5ed3b07d8a2e0ad0fd0272e51a45ff47c0a55f7d33ecca96d76be191954d)...: deployed at 0x5Fb0B2315678afecb367f032d93f642f64180aa3 with 1386282 gas
-----
deploying "BasicNft" (tx: 0xd9eb6a9b0b48085ab05443bc32b3e63c2cc08ff75ab30393bb498dbd92adc2fa)...: deployed at 0xe7f1725E7734CE288F8367e18b143E90bb3F0512 with 2154911 gas
deploying "BasicNftTwo" (tx: 0xa73e2256fc64a088d2f0d229a4c5210535de7ee1ef6d55ec0de2b7fd99b61113)...: deployed at 0x9fE46736679d2D9a65F0992F272dE9f3c7fa6e0 with 2147553 gas
-----
Done in 2.74s.
gitpod /workspace/new_folder/hardhat-nextjs-nft-marketplace-fcc (main) $
```

Selanjutnya deploy smart contract masuk kedalam jaringan test rinkeby, tunggu beberapa saat dan contract NftMarketplace, contract BasicNft, dan contract BasicNftTwo telah berhasil terdeploy beserta alamatnya.

```
Done in 4.63s.
gitpod /workspace/new_folder/hardhat-nextjs-nft-marketplace-fcc (main) $ yarn hardhat deploy --network rinkeby
yarn run v1.22.19
$ /workspace/new_folder/hardhat-nextjs-nft-marketplace-fcc/node_modules/.bin/hardhat deploy --network rinkeby
Nothing to compile
-----
deploying "NftMarketplace" (tx: 0x00b1322c3ab24ba68df03d1b935d4a0fbd1565a1731c220e765baca867c3e8a)...: deployed at 0xADB9C6569cc0C947E09fc73fA881FB31d929BE60 with 1386282 gas
-----
deploying "BasicNft" (tx: 0x53f215cac903e56df7e10944e96592d3954ef4bc182009ba6664ed017acd9c0)...: deployed at 0xdEcB7315B9c1dE798ab2eCEcb87381c8f8e92FBF with 2154911 gas
deploying "BasicNftTwo" (tx: 0x0977b83d7087308b9be8ba2a0d99c38d3fe1c1b15d98175abba9210e9c272059)...: deployed at 0x74776a6e7d05985E6C68E3ed4f8819C4df18f601 with 2147553 gas
-----
Done in 275.86s.
gitpod /workspace/new_folder/hardhat-nextjs-nft-marketplace-fcc (main) $
```

Informasi contract dapat juga dilihat di etherscan dengan memasukan alamat contract



All Filters

Search by Address / Txn Hash / Block / Token / Ens

Q

Rinkeby Testnet Network

HomeBlockchainTokensMiscRinkeby

Contract 0xADB9C6569cc0C947E09fc73fA881FB31d929BE60

Contract Overview

Balance: 0 Ether

More Info

My Name Tag: Not Available

Contract Creator: 0x93471fe3e9c0f59ddb... at txn 0x700b1322c3ab24ba68...

TransactionsErc20 Token TxnsContractEvents

Latest 1 from a total of 1 transactions

Txn Hash	Method	Block	Age	From	To	Value	Txn Fee
0x700b1322c3ab24ba68...	0x60806040	10995229	4 mins ago	0x93471fe3e9c0f59ddb...	INContract Creation	0 Ether	0.0034657

[Download CSV Export]

A contract address hosts a smart contract, which is a set of code stored on the blockchain that runs when predetermined conditions are met. Learn more about addresses in our Knowledge Base.