

day51-nft-png

태그	
날짜	@2022년 12월 12일

DEPLOY & RUN TRANSACTIONS ✓

ENVIRONMENT
Injected Provider - MetaMask

ACCOUNT
0xBA5...1F95C (0.20847889 ETH)

GAS LIMIT
3000000

VALUE
0 Wei

CONTRACT (Compiled by Remix)
MyToken - contracts/NFTV.sol

Deploy

OR
At Address Load contract from Address

Transactions recorded 1 1

Deployed Contracts
MYTOKEN AT 0X138...91A89 (BLOCK)

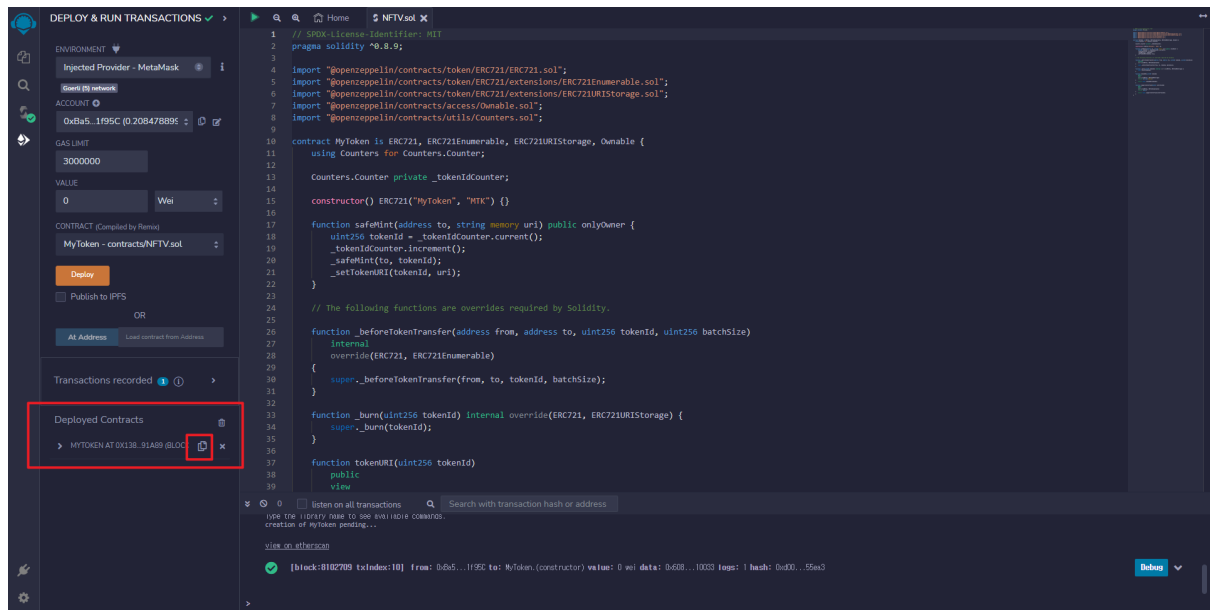
```
1 // SPDX-License-Identifier: MIT
2 pragma solidity ^0.8.9;
3
4 import "@openzeppelin/contracts/token/ERC721/ERC721.sol";
5 import "@openzeppelin/contracts/token/ERC721/extensions/ERC721Enumerable.sol";
6 import "@openzeppelin/contracts/token/ERC721/extensions/ERC721URIStorage.sol";
7 import "@openzeppelin/contracts/access/Ownable.sol";
8 import "@openzeppelin/contracts/utils/Counters.sol";
9
10 contract MyToken is ERC721, ERC721Enumerable, ERC721URIStorage, Ownable {
11     using Counters for Counters.Counter;
12
13     Counters.Counter private _tokenIdCounter;
14
15     constructor() ERC721("MyToken", "MTK") {}
16
17     function safeMint(address to, string memory uri) public onlyOwner {
18         uint256 tokenId = _tokenIdCounter.current();
19         _tokenIdCounter.increment();
20         _safeMint(to, tokenId);
21         _setTokenURI(tokenId, uri);
22     }
23
24     // The following functions are overrides required by Solidity.
25
26     function _beforeTokenTransfer(address from, address to, uint256 tokenId, uint256 batchSize)
27         internal
28         override(ERC721, ERC721Enumerable)
29     {
30         super._beforeTokenTransfer(from, to, tokenId, batchSize);
31     }
32
33     function _burn(uint256 tokenId) internal override(ERC721, ERC721URIStorage) {
34         super._burn(tokenId);
35     }
36
37     function tokenURI(uint256 tokenId)
38         public
39         view
```

0 ☐ listen on all transactions Search with transaction hash or address

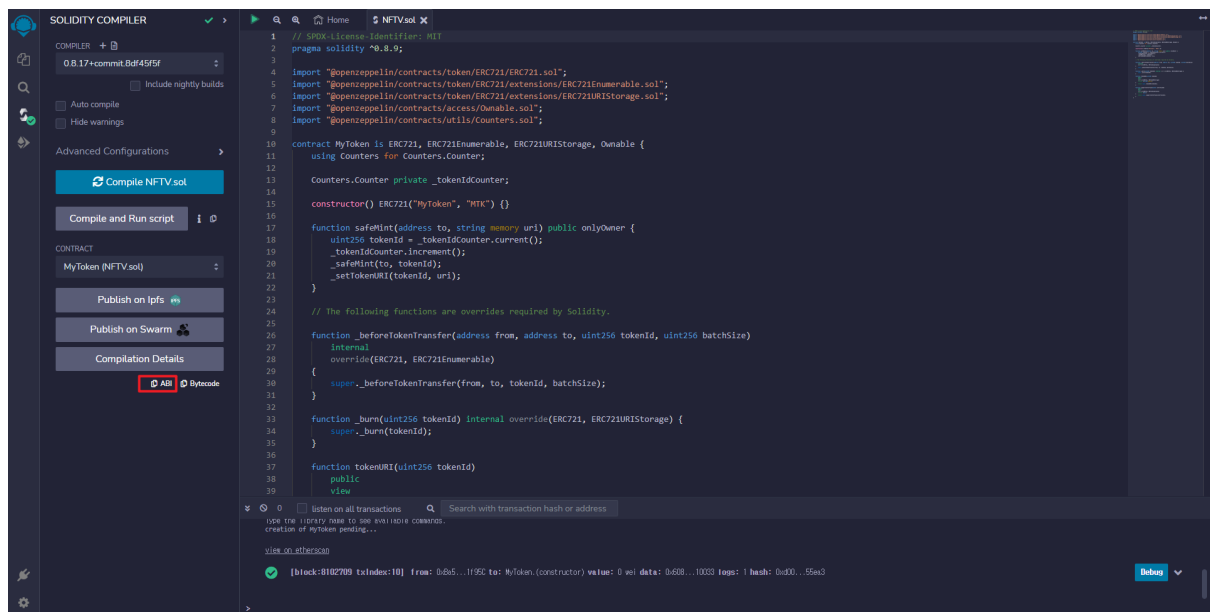
Type the library name to see available commands.
creation of MyToken pending...

[view on etherscan](#)

✓ [block:8102709 txIndex:10] from: 0xBA5...1F95C to: MyToken (constructor) value: 0 wei data: 0x608...10033 logs: 1 hash: 0xd00...55e3



컨트렉트 주소 : 0x138eA6142733Cc94ABB0dA12E3AbD7Ed33591A89



abi 코드

```
[
  {
    "inputs": [],
    "stateMutability": "nonpayable",
    "type": "constructor"
  },
```

```

{
  "anonymous": false,
  "inputs": [
    {
      "indexed": true,
      "internalType": "address",
      "name": "owner",
      "type": "address"
    },
    {
      "indexed": true,
      "internalType": "address",
      "name": "approved",
      "type": "address"
    },
    {
      "indexed": true,
      "internalType": "uint256",
      "name": "tokenId",
      "type": "uint256"
    }
  ],
  "name": "Approval",
  "type": "event"
},
{
  "anonymous": false,
  "inputs": [
    {
      "indexed": true,
      "internalType": "address",
      "name": "owner",
      "type": "address"
    },
    {
      "indexed": true,
      "internalType": "address",
      "name": "operator",
      "type": "address"
    },
    {
      "indexed": false,
      "internalType": "bool",
      "name": "approved",
      "type": "bool"
    }
  ],
  "name": "ApprovalForAll",
  "type": "event"
},
{
  "inputs": [
    {
      "internalType": "address",
      "name": "to",
      "type": "address"
    }
  ],
  {

```

```

        "internalType": "uint256",
        "name": "tokenId",
        "type": "uint256"
    }
],
"name": "approve",
"outputs": [],
"stateMutability": "nonpayable",
"type": "function"
},
{
    "anonymous": false,
    "inputs": [
        {
            "indexed": true,
            "internalType": "address",
            "name": "previousOwner",
            "type": "address"
        },
        {
            "indexed": true,
            "internalType": "address",
            "name": "newOwner",
            "type": "address"
        }
    ],
    "name": "OwnershipTransferred",
    "type": "event"
},
{
    "inputs": [],
    "name": "renounceOwnership",
    "outputs": [],
    "stateMutability": "nonpayable",
    "type": "function"
},
{
    "inputs": [
        {
            "internalType": "address",
            "name": "to",
            "type": "address"
        },
        {
            "internalType": "string",
            "name": "uri",
            "type": "string"
        }
    ],
    "name": "safeMint",
    "outputs": [],
    "stateMutability": "nonpayable",
    "type": "function"
},
{
    "inputs": [
        {
            "internalType": "address",

```



```

    }
  ],
  "name": "setApprovalForAll",
  "outputs": [],
  "stateMutability": "nonpayable",
  "type": "function"
},
{
  "anonymous": false,
  "inputs": [
    {
      "indexed": true,
      "internalType": "address",
      "name": "from",
      "type": "address"
    },
    {
      "indexed": true,
      "internalType": "address",
      "name": "to",
      "type": "address"
    },
    {
      "indexed": true,
      "internalType": "uint256",
      "name": "tokenId",
      "type": "uint256"
    }
  ],
  "name": "Transfer",
  "type": "event"
},
{
  "inputs": [
    {
      "internalType": "address",
      "name": "from",
      "type": "address"
    },
    {
      "internalType": "address",
      "name": "to",
      "type": "address"
    },
    {
      "internalType": "uint256",
      "name": "tokenId",
      "type": "uint256"
    }
  ],
  "name": "transferFrom",
  "outputs": [],
  "stateMutability": "nonpayable",
  "type": "function"
},
{
  "inputs": [
    {

```

```

        "internalType": "address",
        "name": "newOwner",
        "type": "address"
    }
],
"name": "transferOwnership",
"outputs": [],
"stateMutability": "nonpayable",
"type": "function"
},
{
    "inputs": [
        {
            "internalType": "address",
            "name": "owner",
            "type": "address"
        }
    ],
    "name": "balanceOf",
    "outputs": [
        {
            "internalType": "uint256",
            "name": "",
            "type": "uint256"
        }
    ],
    "stateMutability": "view",
    "type": "function"
},
{
    "inputs": [
        {
            "internalType": "uint256",
            "name": "tokenId",
            "type": "uint256"
        }
    ],
    "name": "getApproved",
    "outputs": [
        {
            "internalType": "address",
            "name": "",
            "type": "address"
        }
    ],
    "stateMutability": "view",
    "type": "function"
},
{
    "inputs": [
        {
            "internalType": "address",
            "name": "owner",
            "type": "address"
        },
        {
            "internalType": "address",
            "name": "operator",

```

```

        "type": "address"
    }
],
"name": "isApprovedForAll",
"outputs": [
    {
        "internalType": "bool",
        "name": "",
        "type": "bool"
    }
],
"stateMutability": "view",
"type": "function"
},
{
    "inputs": [],
    "name": "name",
    "outputs": [
        {
            "internalType": "string",
            "name": "",
            "type": "string"
        }
    ],
    "stateMutability": "view",
    "type": "function"
},
{
    "inputs": [],
    "name": "owner",
    "outputs": [
        {
            "internalType": "address",
            "name": "",
            "type": "address"
        }
    ],
    "stateMutability": "view",
    "type": "function"
},
{
    "inputs": [
        {
            "internalType": "uint256",
            "name": "tokenId",
            "type": "uint256"
        }
    ],
    "name": "ownerOf",
    "outputs": [
        {
            "internalType": "address",
            "name": "",
            "type": "address"
        }
    ],
    "stateMutability": "view",
    "type": "function"
}

```



```

},
{
  "inputs": [
    {
      "internalType": "bytes4",
      "name": "interfaceId",
      "type": "bytes4"
    }
  ],
  "name": "supportsInterface",
  "outputs": [
    {
      "internalType": "bool",
      "name": "",
      "type": "bool"
    }
  ],
  "stateMutability": "view",
  "type": "function"
},
{
  "inputs": [],
  "name": "symbol",
  "outputs": [
    {
      "internalType": "string",
      "name": "",
      "type": "string"
    }
  ],
  "stateMutability": "view",
  "type": "function"
},
{
  "inputs": [
    {
      "internalType": "uint256",
      "name": "index",
      "type": "uint256"
    }
  ],
  "name": "tokenByIndex",
  "outputs": [
    {
      "internalType": "uint256",
      "name": "",
      "type": "uint256"
    }
  ],
  "stateMutability": "view",
  "type": "function"
},
{
  "inputs": [
    {
      "internalType": "address",
      "name": "owner",
      "type": "address"
    }
  ]
}

```

```

    },
    {
      "internalType": "uint256",
      "name": "index",
      "type": "uint256"
    }
  ],
  "name": "tokenOfOwnerByIndex",
  "outputs": [
    {
      "internalType": "uint256",
      "name": "",
      "type": "uint256"
    }
  ],
  "stateMutability": "view",
  "type": "function"
},
{
  "inputs": [
    {
      "internalType": "uint256",
      "name": "tokenId",
      "type": "uint256"
    }
  ],
  "name": "tokenURI",
  "outputs": [
    {
      "internalType": "string",
      "name": "",
      "type": "string"
    }
  ],
  "stateMutability": "view",
  "type": "function"
},
{
  "inputs": [],
  "name": "totalSupply",
  "outputs": [
    {
      "internalType": "uint256",
      "name": "",
      "type": "uint256"
    }
  ],
  "stateMutability": "view",
  "type": "function"
}
]

```

