

```
//https://github.com/0xcert/ethereum-erc721
//rinkeby 0xce7048aB933ff77f0FdDb11c79f9A91D28BF1223
//by nzri kaz-naz
//https://rinkeby.etherscan.io/address/0xce7048ab933ff77f0fddb11c79f9a91d28bf1223
```

```
pragma solidity 0.6.2;
```

```
import "./nf-token.sol";
import "./nf-token-metadata.sol";
import "./nf-token-enumerable.sol";
import "../ownership/ownable.sol";
```

```
/**
 *
 * @dev This is an example contract implementation of NFToken with metadata extension.
 */
```

```
contract MyERC721LT is
    NFTokenMetadata,
    Ownable
{
```

```
    /**
     * @dev Contract constructor. Sets metadata extension `name` and `symbol`.
     */
```

```
    constructor()
    public
    {
        nftName = "ERC721LimitedTransfer";
        nftSymbol = "ERC721LT";
    }
```

```
    //Creator data
    string private _creatorData = "NZRI_Kaz-Naz_https://github.com/Kaz-Naz";
    function getCreatorData() public view onlyOwner returns (string memory) {
        return _creatorData;
    }
```

```
    function setTransferPermission(bool _newState)
        external
        onlyOwner
    {
        _setTransferPermission(_newState);
    }
```

```
    /**
     * @dev Removes a NFT from owner.
     * @param _tokenId Which NFT we want to remove.(burn)
     */
    function burn(
```

```

    uint256 _tokenId
)
    external
    onlyOwner
{
    super._burn(_tokenId);
}
/**
 * @dev Mints a new NFT.
 * @param _to The address that will own the minted NFT.
 * @param _tokenId of the NFT to be minted by the msg.sender.
 * @param _uri String representing RFC 3986 URI.
 */
function mint(
    address _to,
    uint256 _tokenId,
    string calldata _uri
)
    external
    onlyOwner
{
    super._mint(_to, _tokenId);
    super._setTokenUri(_tokenId, _uri);
}

}

[
    {
        "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"
},
{
  "anonymous": false,
  "inputs": [
    {
      "indexed": true,
      "internalType": "address",
      "name": "previousOwner",
      "type": "address"
    },
    {
      "indexed": true,
      "internalType": "address",
      "name": "newOwner",
      "type": "address"
    }
  ],
  "name": "OwnershipTransferred",
  "type": "event"
},
{
  "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": [],
    "name": "CANNOT_TRANSFER_TO_ZERO_ADDRESS",
    "outputs": [
        {
            "internalType": "string",
            "name": "",
            "type": "string"
        }
    ],
    "stateMutability": "view",
    "type": "function"
},
{
    "inputs": [],
    "name": "NOT_CURRENT_OWNER",
    "outputs": [
        {
            "internalType": "string",
            "name": "",
            "type": "string"
        }
    ],
    "stateMutability": "view",
    "type": "function"
},
{
    "inputs": [
        {
            "internalType": "address",

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```

        "name": "_approved",
        "type": "address"
    },
    {
        "internalType": "uint256",
        "name": "_tokenId",
        "type": "uint256"
    }
],
"name": "approve",
"outputs": [],
"stateMutability": "nonpayable",
"type": "function"
},
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            "internalType": "address",
            "name": "_owner",
            "type": "address"
        }
    ],
    "name": "balanceOf",
    "outputs": [
        {
            "internalType": "uint256",
            "name": "",
            "type": "uint256"
        }
    ],
    "stateMutability": "view",
    "type": "function"
},
{
    "inputs": [
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            "internalType": "uint256",
            "name": "_tokenId",
            "type": "uint256"
        }
    ],
    "name": "burn",
    "outputs": [],
    "stateMutability": "nonpayable",
    "type": "function"
},
{
    "inputs": [
        {
            "internalType": "uint256",
            "name": "_tokenId",
            "type": "uint256"

```

```

    }
  ],
  "name": "getApproved",
  "outputs": [
    {
      "internalType": "address",
      "name": "",
      "type": "address"
    }
  ],
  "stateMutability": "view",
  "type": "function"
},
{
  "inputs": [],
  "name": "getCreatorData",
  "outputs": [
    {
      "internalType": "string",
      "name": "",
      "type": "string"
    }
  ],
  "stateMutability": "view",
  "type": "function"
},
{
  "inputs": [],
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  "outputs": [
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      "name": "",
      "type": "bool"
    }
  ],
  "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": [
      {
        "internalType": "address",
        "name": "_to",
        "type": "address"
      },
      {
        "internalType": "uint256",
        "name": "_tokenId",
        "type": "uint256"
      },
      {
        "internalType": "string",
        "name": "_uri",
        "type": "string"
      }
    ],
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    "outputs": [],
    "stateMutability": "nonpayable",
    "type": "function"
  },
  {
    "inputs": [],
    "name": "name",
    "outputs": [
      {
        "internalType": "string",
        "name": "_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": "_owner",
            "type": "address"
        }
    ],
    "stateMutability": "view",
    "type": "function"
},
{
    "inputs": [
        {
            "internalType": "address",
            "name": "_from",
            "type": "address"
        },
        {
            "internalType": "address",
            "name": "_to",
            "type": "address"
        },
        {
            "internalType": "uint256",
            "name": "_tokenId",
            "type": "uint256"
        }
    ],
    "name": "safeTransferFrom",
    "outputs": [],
    "stateMutability": "nonpayable",
    "type": "function"
},
{
    "inputs": [

```



```

        {
            "internalType": "address",
            "name": "_from",
            "type": "address"
        },
        {
            "internalType": "address",
            "name": "_to",
            "type": "address"
        },
        {
            "internalType": "uint256",
            "name": "_tokenId",
            "type": "uint256"
        },
        {
            "internalType": "bytes",
            "name": "_data",
            "type": "bytes"
        }
    ],
    "name": "safeTransferFrom",
    "outputs": [],
    "stateMutability": "nonpayable",
    "type": "function"
},
{
    "inputs": [
        {
            "internalType": "address",
            "name": "_operator",
            "type": "address"
        },
        {
            "internalType": "bool",
            "name": "_approved",
            "type": "bool"
        }
    ],
    "name": "setApprovalForAll",
    "outputs": [],
    "stateMutability": "nonpayable",
    "type": "function"
},
{
    "inputs": [
        {
            "internalType": "bool",
            "name": "_newState",
            "type": "bool"
        }
    ],

```

```

    "name": "setTransferPermission",
    "outputs": [],
    "stateMutability": "nonpayable",
    "type": "function"
  },
  {
    "inputs": [
      {
        "internalType": "bytes4",
        "name": "_interfaceID",
        "type": "bytes4"
      }
    ],
    "name": "supportsInterface",
    "outputs": [
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        "internalType": "bool",
        "name": "",
        "type": "bool"
      }
    ],
    "stateMutability": "view",
    "type": "function"
  },
  {
    "inputs": [],
    "name": "symbol",
    "outputs": [
      {
        "internalType": "string",
        "name": "_symbol",
        "type": "string"
      }
    ],
    "stateMutability": "view",
    "type": "function"
  },
  {
    "inputs": [
      {
        "internalType": "uint256",
        "name": "_tokenId",
        "type": "uint256"
      }
    ],
    "name": "tokenURI",
    "outputs": [
      {
        "internalType": "string",
        "name": "",
        "type": "string"
      }
    ]
  }

```

```

    ],
    "stateMutability": "view",
    "type": "function"
  },
  {
    "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"
  }
]

```