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Q Q Home BasicNft.sol X
1 // SPDX-License-Identifier: MIT
2 pragma solidity ^0.8.7;
3
4 import "@openzeppelin/contracts/token/ERC721/ERC721.sol";
5
6 contract BasicNft is ERC721 {
7     string public constant TOKEN_URI =
8         "ipfs://bafybeig37ioir76s7mg5oobetncojcm3c3hxasyd4rvid4jqhy4gkaheg4/?filename=0-PUG.json";
9     uint256 private s_tokenCounter;
10
11     event DogMinted(uint256 indexed tokenId);
12
13     constructor() ERC721("Dogie", "DOG") {
14         s_tokenCounter = 0;
15     }
16
17     function mintNft() public {
18         _safeMint(msg.sender, s_tokenCounter);
19         emit DogMinted(s_tokenCounter);
20         s_tokenCounter = s_tokenCounter + 1;
21     }
22
23     function tokenURI(uint256 tokenId) public view override returns (string memory) {
24         require(_exists(tokenId), "ERC721Metadata: URI query for nonexistent token");
25         return TOKEN_URI;
```