# 396.https://stackoverflow.com/questions/71256984/how-can-i-reveal-nfts-as-they-are-minted

**T:**How can I reveal NFTs as they are minted?

**Q:**My goal is to get my reveal function to only reveal the NFT as it gets bought/minted and not reveal the whole collection so that people don't have to wait, however I just keep mucking it up.  
  
Here is what I've got  
  
string baseURI; string public baseExtension = ".json"; uint256 public cost = 0.05 ether; uint256 public maxSupply = 10000; uint256 public maxMintAmount = 20; bool public paused = true; bool public revealed = false; string public notRevealedUri; bool public onlyWhitelisted = true; address[] public whitelistedAddresses; mapping(address => uint256) public addressMintedBalance; uint256 public nftPerAddressLimit = 100; mapping(uint256 => string) private \_tokenURI; constructor( string memory \_name, string memory \_symbol, string memory \_initBaseURI, string memory \_initNotRevealedUri ) ERC721(\_name, \_symbol) { setBaseURI(\_initBaseURI); setNotRevealedURI(\_initNotRevealedUri); }  
  
WARN: THIS PARAGRAPH CONTAINS TAG: [CODE]   
  
now for the reveal  
  
function reveal() public onlyOwner { revealed = false; }  
  
WARN: THIS PARAGRAPH CONTAINS TAG: [CODE]   
  
I can't seem to think of a way that would change the bool for specific tokens as they get minted.  
  
My thought was that it should be at the end of the mint function itself, though I am not at all confident in that.  
  
for (uint256 i = 1; i <= \_mintAmount; i++) { addressMintedBalance[msg.sender]++; \_safeMint(msg.sender, supply + i); \_tokenURI[supply].revealed = true; <-- \*I know this wont work if anyone ever mints more than one at a time.\* }  
  
WARN: THIS PARAGRAPH CONTAINS TAG: [CODE]

**C1:**What programming language is this?

**C2:**I thought I had tagged solidity. My fault

**C3:**Hi @grobot do you want admin to only call this function?

**C4:**Yes, I do want that to be an owneronly function, and that it could include some sort of event listener so that if you minted one from my site, it then changes the revealed for that exact NFT automatically

2 **Answer**

**A1:**You can include a mapping to hold the reveal states of your nfts. I am not sure whether you intended only admin to call this reveal function every time, in this case this would do!  
  
....mapping(address => mapping(uint256 => bool)) private reveals;constructor(string memory \_name,string memory \_symbol,string memory \_initBaseURI,string memory \_initNotRevealedUri ) ERC721(\_name, \_symbol) { setBaseURI(\_initBaseURI); setNotRevealedURI(\_initNotRevealedUri);}function reveal(address \_nftContract, uint256 tokenId, bool \_reveal) external onlyOwner { bool revealed = reveals[\_nftContract][tokenId]; require(!revealed, 'Token Already revealed'); reveals[\_nftContract][tokenId] = true; }  
  
WARN: THIS PARAGRAPH CONTAINS TAG: [CODE]

**A2:**The best method of doing what I asked, is in fact to not mint any yourself, and have a D-app on a website so that total supply is only that of what has been minted, thus can only point to the baseURI then