# 320.https://stackoverflow.com/questions/71643267/how-tokenuri-function-was-called-in-opensea

**T:**How TokenURI function was called in opensea

**Q:**How OpenSea call the tokenURI function ?I want to use the keyword (msg.sender) but it didn't work ideally.Or maybe I have some error in my code ?  
  
mapping(address=>bool) addr\_bool;function tokenURI(uint256 tokenId) public view virtual override returns (string memory) { require( \_exists(tokenId), "ERC721Metadata: URI query for nonexistent token" ); if(addr\_bool[msg.sender] == true) { return URI\_1; // addr\_bool[msg.sender] is true; } else { return URI\_2; } if (bytes(base).length == 0) { return \_tokenURI; } if (bytes(\_tokenURI).length > 0) { return string(abi.encodePacked(base, \_tokenURI)); } return string(abi.encodePacked(base, tokenId.toString(), baseExtension)); }  
  
WARN: THIS PARAGRAPH CONTAINS TAG: [CODE]   
  
I expect to see , if data in mapping is true. In OpenSea, it will show URI\_1, if not it will show URI\_2

**C1:**i don't know how opensea works internally so msg.sender may not really be the actual sender, couldn't find anything on their docs either

**C2:**Thanks. I can't find anything about it too.

**C3:**Sorry @SpaceNinja, you can ping me if you are stuck with something else in the future

0 **Answer**