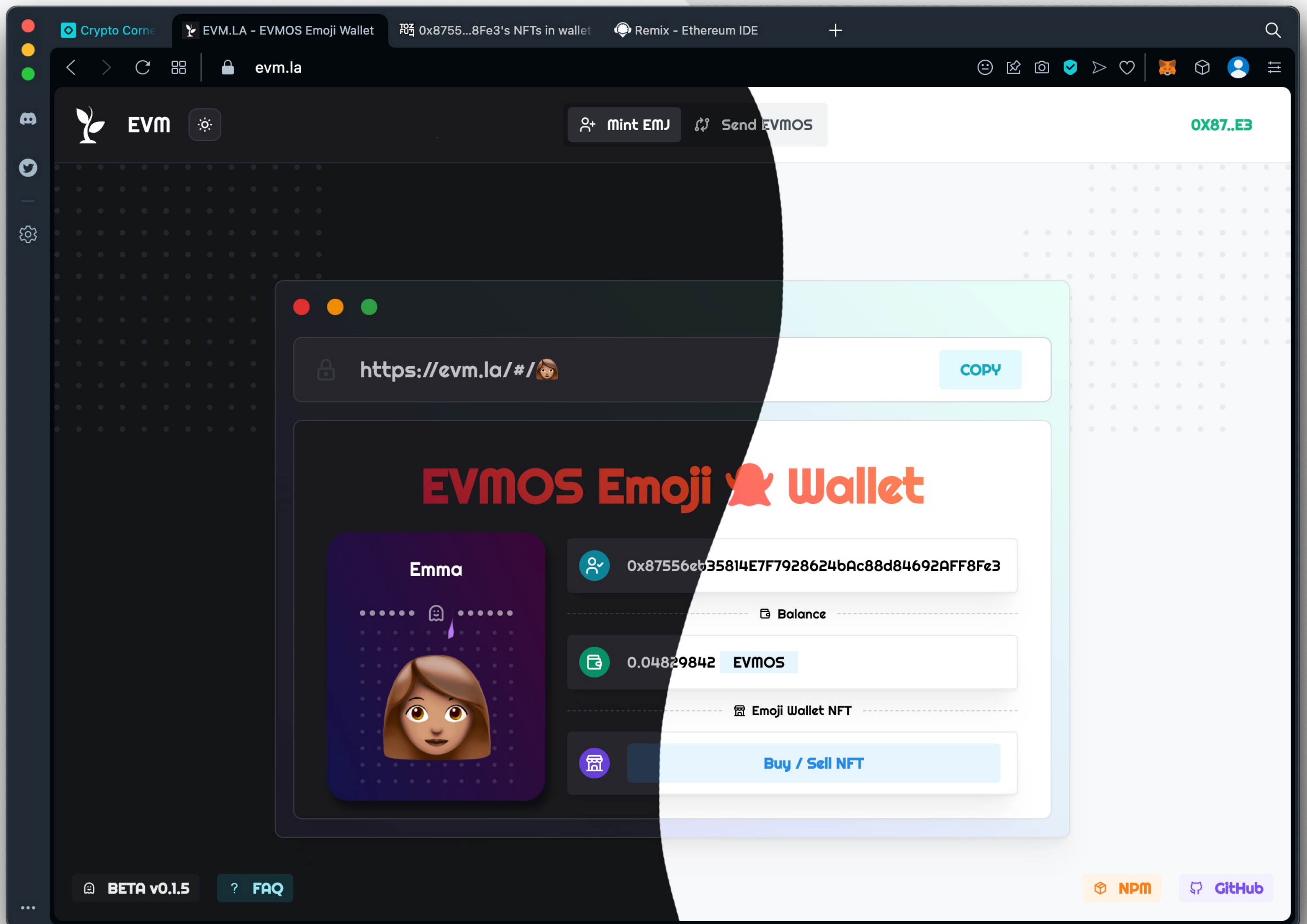
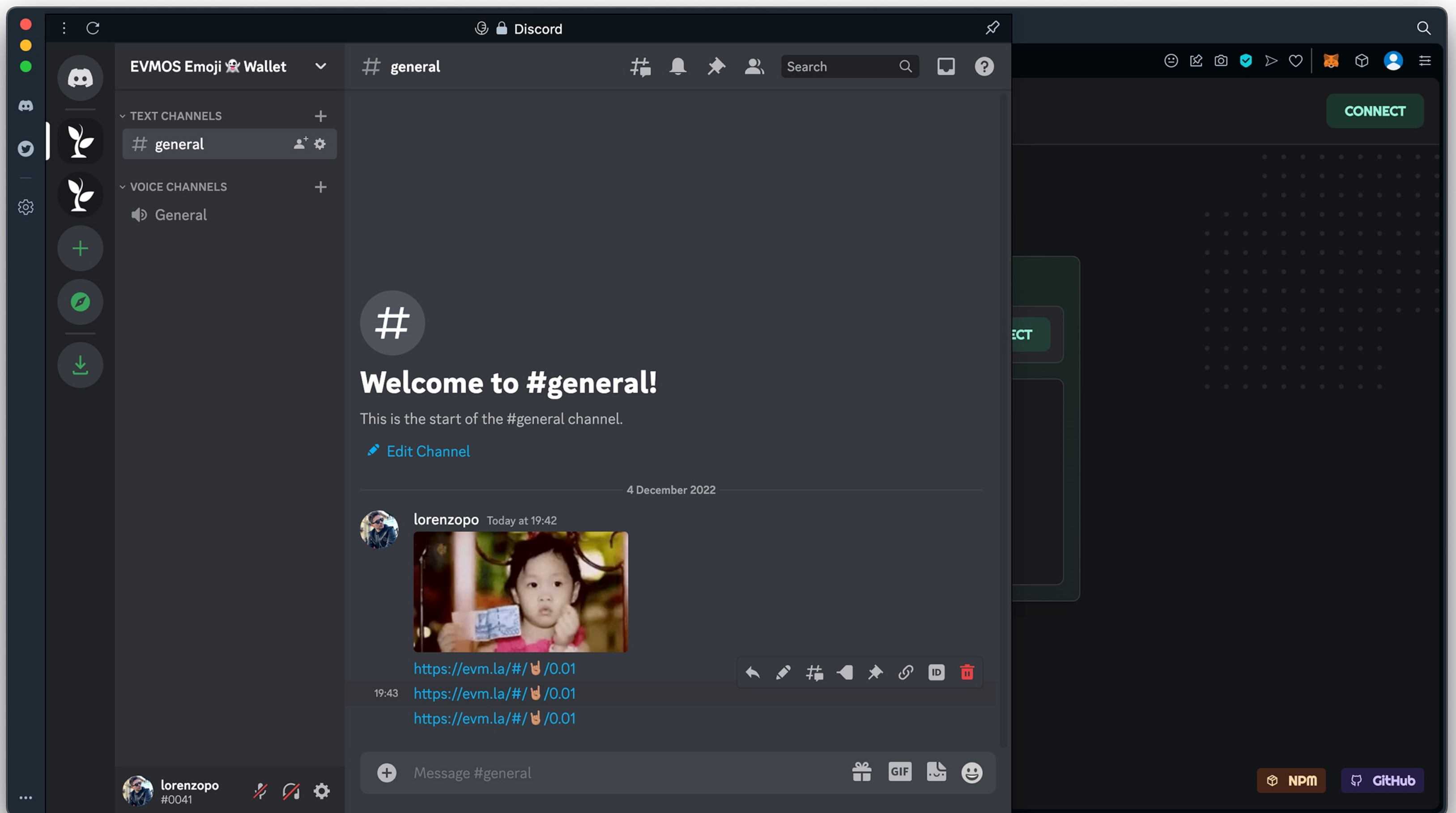


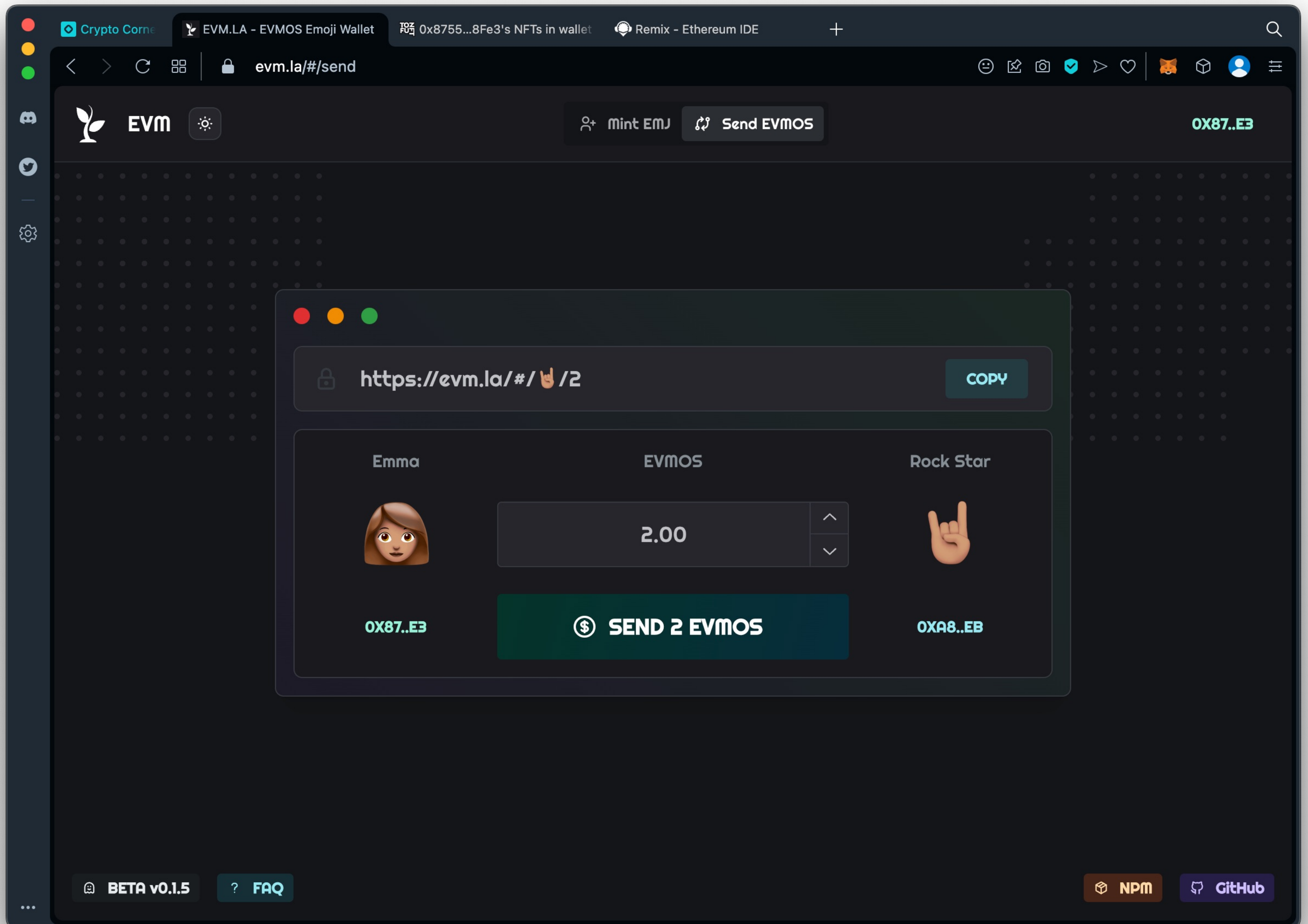
Dark and Light Theme



Short Payment Link



Sending coins to an emoji address



All metadata is stored inside the blockchain

The screenshot displays the Remix Ethereum IDE interface. The top bar shows the browser address: `remix.ethereum.org/#optimize=false&runs=200&evmVersion=null&version=soljson-v0.8.9+commit`. The left sidebar contains a 'DEPLOY & RUN TRANSACTIONS' panel with a list of contract variables and their types, including `supportsIn...` (bytes4 interfaceId), `symbol`, `tokenByE...` (string emoji_), `tokenByIn...` (uint256 index), `tokenByO...` (address owner_), `tokenOfO...` (address owner, uint256 index), and `tokenURI` (3). Below this list is a 'totalSupply' field set to '0: uint256: 3'. The main editor area shows a Solidity contract named `EmojiWallet` with the following code:

```
1 // SPDX-License-Identifier: MIT
2 pragma solidity ^0.8.9;
3
4 import "@openzeppelin/contracts/utils/Base64.sol";
5 import "@openzeppelin/contracts/token/ERC721/ERC721.sol";
6 import "@openzeppelin/contracts/token/ERC721/extensions/ERC721Enumerable.sol";
7 import "@openzeppelin/contracts/token/ERC721/extensions/ERC721Burnable.sol";
8 import "@openzeppelin/contracts/access/AccessControl.sol";
9 import "@openzeppelin/contracts/utils/Counters.sol";
10
11 import "../extensions/ERC721EMJStorage.sol";
12
13 contract EmojiWallet is ERC721, ERC721Enumerable, ERC721EMJStorage, ERC721Burnable {
14     using Counters for Counters.Counter;
15
16     bytes32 public constant MINTER_ROLE = keccak256("MINTER_ROLE");
17     Counters.Counter private _tokenIdCounter;
18
19     address private _wallet;
20
21     constructor() ERC721("Emoji Wallet", "EMJ") {
22         _grantRole(DEFAULT_ADMIN_ROLE, msg.sender);
23         _grantRole(MINTER_ROLE, msg.sender);
24         _wallet = payable(msg.sender);
25     }
26
27     function _baseURI() internal pure override returns (string memory) {
28         return unicode"";
29     }
30 }
```

The bottom panel shows a transaction log with a call from `0x87556eb35814E7F7928624bAc88d84692AFF8Fe3` to `EmojiWallet.tokenURI(uint256)` with data `0xc87...00003`. A 'Debug' button is visible next to the transaction details.

Selling and buying emoji on any marketplace

