

DexSnake Token Metadata Specification

How Wallets and Indexers Should Read Token Logos

1. Overview

DexSnake tokens store metadata on-chain via the **metaURI()** function. Wallets and indexers can call this function to retrieve a URI pointing to a JSON file containing the token logo and other information.

2. On-Chain Function

function metaURI() external view returns (string memory)

- Returns a URI (usually ipfs://... or https://...)
- Example: ipfs://Qm... or https://static.dexsnake.com/0x....json

3. Metadata JSON Format

```
{
  "name": "Token Name",
  "symbol": "SYMBOL",
  "description": "Token description",
  "image": "https://static.dexsnake.com/ipfs/Qm....png",
  "logoURI": "https://static.dexsnake.com/ipfs/Qm....png",
  "external_url": "https://dexsnake.com",
  "attributes": []
}
```

4. How to Retrieve Logo

1. Call metaURI() on the token contract
2. Fetch the JSON from the returned URI
3. Read the image or logoURI field
4. Display the logo

5. Example (JavaScript)

```
const token = new ethers.Contract(tokenAddress, abi, provider);
const metaUri = await token.metaURI();
const response = await fetch(
  metaUri.replace('ipfs://', 'https://ipfs.io/ipfs/')
);
const metadata = await response.json();
const logoUrl = metadata.image || metadata.logoURI;
```

6. Supported Chains

- BNB Smart Chain (Chain ID: 56)
- TRON (future)

7. Contact

- Website: <https://dexsnake.com>
- Support: <https://t.me/CEOdexsnake>

This document explains the DexSnake token metadata standard for wallet and indexer integration.