

Token Market Overview

Address Profiler

Token Profiler

Transaction Tracer

Contract Inspector

Block Tracker

Home

Repo

Twitter

Mantle discovery made easy

Unleashing alpha for the first modular layer-2



Fast, open and free

Lightning fast Mantle on-chain data.
Open and free forever.



Surface the Signal

Go down to the rabbit hole!
Profile accounts, tokens and contracts.



Mantle Alpha

Discover opportunities.
Perform due diligence on the Mar⁺

**Ready to dive in?
Start your search now**

**Best UX Challenge
Encode x Mantle Hackathon, June 2023**

Hacker: Ivan Molto

Modular Alpha



Goals

- Discover on-chain insights
- Explore and manage risk
- Due diligence



UX

- Surface alpha easily
- No clutter
- Fast (and free)

Quick access to on-chain Mantle data



Token Market Overview



Address Profiler



Token Profiler



Transaction Tracer



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Block Tracker

Web Application

The screenshot shows a dark-themed web application interface. On the left is a sidebar with the title "Modular Alpha" at the top. Below it is a list of tools: Token Market Overview (with a circular icon), Address Profiler (with a shopping bag icon), Token Profiler (with a star icon), Transaction Tracer (with a grid icon), Contract Inspector (with a code icon), and Block Tracker (with a square icon). A green button labeled "Home" is highlighted. Below the sidebar are links for "Repo" (with a GitHub icon) and "Twitter" (with a Twitter icon). At the bottom of the sidebar is the MANTLE logo. The main content area features a large heading "Mantle discovery made easy" in bold black and teal text. Below it is a subtitle "Unleashing alpha for the first modular layer-2". Three circular icons are displayed: a lightning bolt icon with the text "Fast, open and free" and "Lightning fast Mantle on-chain data. Open and free forever.", a magnifying glass icon with the text "Surface the Signal" and "Go down to the rabbit hole! Profile accounts, tokens and contracts.", and a star icon with the text "Mantle Alpha" and "Discover opportunities. Perform due diligence on the Mantle ecosystem.". At the bottom center is a call-to-action button: "Ready to dive in? Start your search now".

Modular Alpha

- Token Market Overview
- Address Profiler
- Token Profiler
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MANTLE

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Token Market Overview

The screenshot shows the Modular Alpha application interface. On the left is a sidebar with a dark background and light text:

- Modular Alpha** (header)
- Token Market Overview** (selected tab, highlighted in green)
- Address Profiler**
- Token Profiler**
- Transaction Tracer**
- Contract Inspector**
- Block Tracker**
- Home**
- Repo**
- Twitter**

At the bottom of the sidebar is the **MANTLE** logo.

The main area is titled **Token Market Overview** and includes a **Mantle Testnet** header.

Token	Description	Address
MNT	Mantle Token	OxDaDeAddEAddEaddeadDEaDDE...
DAI	DAI Mock	0xa35d7f5dd89a336a427ebb63c428c3...
USDC	USDC Mock	0xbaf72402f98f16e77638ce5fcc5689cd...
USDT	USDT Mock	0x093790d873e87b45cee9ca70b12056...
WETH	Ether	0xdEAddEaDdeadDEadDEADDEAddE...
CREW	Mantle Crew	0xff1718d04961Dc321lc319BE030744B1...
BIT Delegate	(empty)	
BEZ	BEZ	
KASP	Kaspian	

Address Profiler

The screenshot shows the Modular Alpha web application interface. On the left is a dark sidebar with the following navigation items:

- Token Market Overview
- Address Profiler** (highlighted)
- Token Profiler
- Transaction Tracer
- Contract Inspector
- Block Tracker

Below these are social links for Home, Repo, and Twitter.

The main content area has a header "Address Details" and a "Mantle Testnet" status indicator. It displays the following information in four boxes:

- Address:** 0x22cc413844e7cf366dd9846cf791226a30d53b2b
- Net Worth:** N/A
- MNT Balance:** 303.1726635398368 MNT
- Tokens:** 4 Tokens
- Transactions:** 6 Transactions
- Pending Transactions:** No Pending Transactions
- Transfers:** 505 Transfers

Below this is a section titled "Tokens" with a table:

Asset	Type	Amount	Symbol	Address
Bighouse	ERC-20	999,500	BH	0x36b814ad955a2bf2ff...
BIT Embassy	ERC-20	999,999	BITE	0x055c815a2f23193690...
Mantle Token	ERC-20	303.1726635398368	MNT	0xdeaddeaddeaddeaddeade...

Token Profiler

The screenshot displays the Modular Alpha Token Profiler interface. On the left is a sidebar with a dark background and light text, listing various tools: Token Market Overview, Address Profiler, Token Profiler (selected), Transaction Tracer, Contract Inspector, and Block Tracker. Below these are links to Home, Repo, and Twitter. At the bottom is the MANTLE logo. The main area is titled "Token Details" and shows the following information for the BIT Embassy token:

Token Details	
Name	BIT Embassy
Symbol	BITE
Contract	0x055c815a2f231936901408c0ef26d53b1c19f083
Decimals	18
Total Supply	1,000,000 BITE
Type	ERC-20

Mantle Testnet

Transaction Tracer

The screenshot shows the Modular Alpha web interface. On the left is a sidebar with the following navigation:

- Modular Alpha
- Token Market Overview
- Address Profiler
- Token Profiler
- Transaction Tracer
- Contract Inspector
- Block Tracker
- Home
- Repo
- Twitter

The main content area is titled "Transaction Details" and shows the following information for a transaction on the "Mantle Testnet":

Transaction Hash	0x0302c349a9a04de5779a7a203dd4c621f4b4b77bd16bcd1014963c0ee3a8ad6e
Result	Success
Status	Confirmed
Block Number	413109 (10662672 confirmations)
Timestamp	Sun Feb 12 2023 16:07:18 GMT+0100 (Central European ...)
Nonce	2
Index	0
From	0x6abdfa563f3cle24b4c28c9d614582071e925e52
To	0x2c7e7d461160ba72e146fa6e0c0a58802e9d1c84
Value	0.00 MNT
Gas Limit	69,759
Gas Price	1e-9 Gwei
Gas Used by Transaction	46,506 (66.67%)
Raw Input (Hex)	0x095ea7b30000000000000000000000000000000a96b215232df8bda254d315a9b4685bf29dea225ffffffffffff... ...ffff

Contract Inspector

The screenshot displays the Modular Alpha web application interface, specifically the Contract Inspector section. The left sidebar contains navigation links for Token Market Overview, Address Profiler, Token Profiler, Transaction Tracer, Contract Inspector (which is selected and highlighted in blue), and Block Tracker. Below these are links for Home, Repo, and Twitter. The main content area is titled "Contract Details" and shows the following information for the contract "ApetimismLaunchpadNFT" on the "Mantle Testnet":

Contract Name	Compiler Version
ApetimismLaunchpadNFT	v0.8.9+commit.e5eed63a
Address	EVM Version
0x949fc68eb8149c304447b646612e7b3f3e5cc663	Default
Is Proxy	Optimization Used
False	True

The "Source Code" section contains the following Solidity code:

```
// SPDX-License-Identifier: Unlicense
pragma solidity ^0.8.9;

import "@openzeppelin/contracts/access/Ownable.sol";
import "@openzeppelin/contracts/security/ReentrancyGuard.sol";
import "@openzeppelin/contracts/utils/math/Math.sol";
import "@openzeppelin/contracts/utils/Strings.sol";
import "@openzeppelin/contracts/token/ERC20/IERC20.sol";
import "erc721a/contracts/extensions/ERC721AQueryable.sol";
```

The bottom of the page shows the ABI (Application Binary Interface) for the contract.

Block Tracker

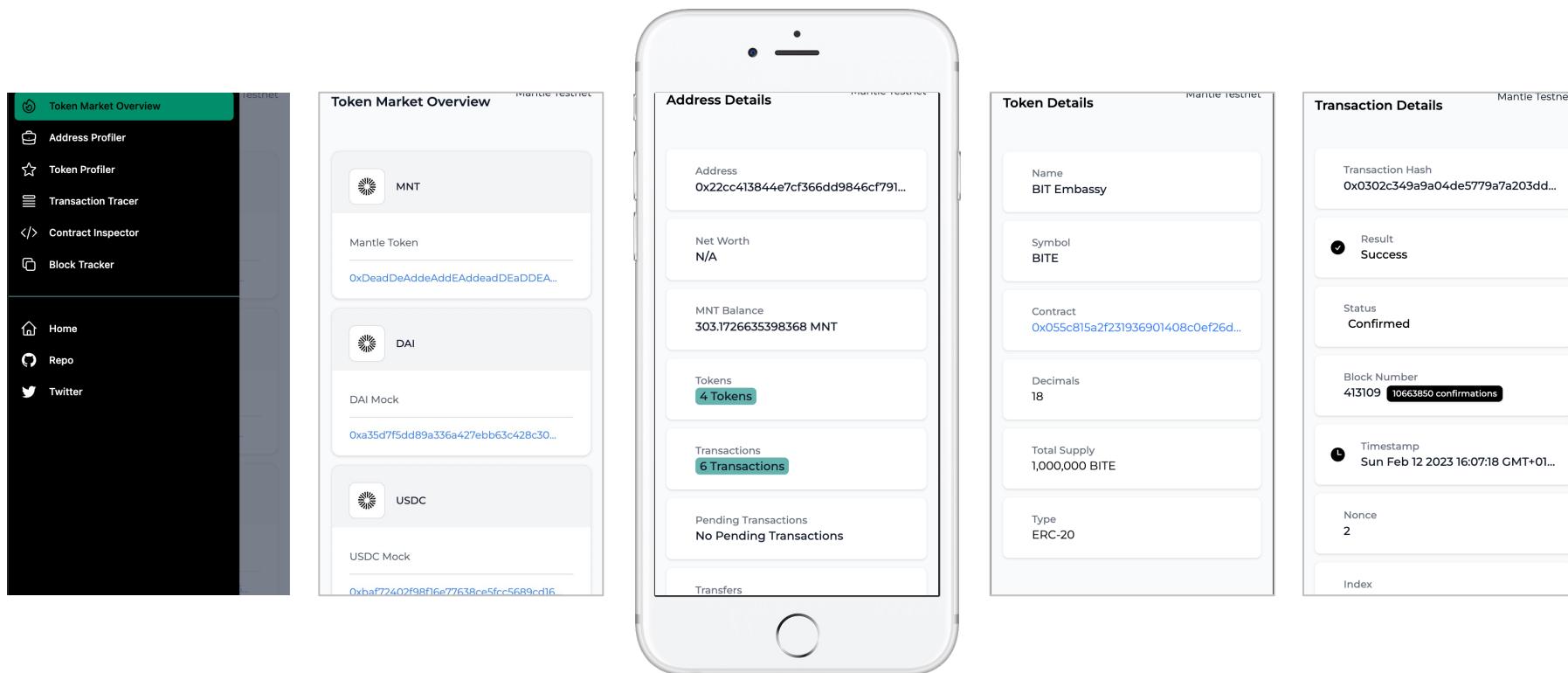
The screenshot shows a mobile application interface for the Modular Alpha platform, specifically the Block Tracker feature. The top navigation bar displays the title "Modular Alpha". Below it is a sidebar with the following menu items:

- Token Market Overview
- Address Profiler
- Token Profiler
- Transaction Tracer
- Contract Inspector
- Block Tracker (selected)

Below the sidebar is a main content area titled "Block Details". In the top right corner of this area, the text "Mantle Testnet" is visible. The content is organized into several data cards:

- Block Height:** 123456
- Timestamp:** Sun Jan 15 2023 14:54:14 GMT+0100 (Central European ...)
- Miner:** 0x00
- Size:** 749 bytes
- Hash:** 0x6284e565083eff747b86a408fc36bbe85aa7427d8224f...
- Parent Hash:** 0x2712a2e75012fe9fb44872713e78cadd32f3244f7a109f8b3...
- Nonce:** 0x00000000000000000000
- Consensus:** True
- Gas Limit:** 15,000,000
- Gas Used:** 29,725 (0.2%)
- Total Difficulty:** 246,913
- Difficulty:** 2

Mobile Web App





IVAN MOLTO

VETERAN ENCODE HACKER

Software & Blockchain Engineer with +20 years experience in the
Gaming, Media, and Music Industries

Built Android/iOS apps and games hitting +100 million installs

Proud to be part of the first real tones created

Thank you