

Merkle Science Tracker Guide





Search bar used to begin your investigations

Allows for simultaneous searches of multiple addresses or transactions at the same time

Supports searches across multiple blockchains at the same time



Upon searching an address, if the address is compatible with more than 1 blockchain (ie. EVM), Tracker will simultaneously run a search across all the different blockchain that support the address and provide you with any known attribution



To start a fresh investigation, user can click "Add all to board" to create a new investigation board with all the addresses across the different chains. Alternatively, user can click the button above in blue to selectively add only 1 address at a time.

New Investigation Board



New Investigation Board



New Investigation Board



After Saving Board



After a board has been saved, the user has the option to: 1. rename 2. duplicate; and/or 3. move the graph

Navigating the Toolbar



Navigating the Toolbar



Enlities and color-opdes

Law Enforcement	Donation	Defi	
C Defi	Smart Contract	Service.	
Coin Mixer	Gambling	Exchange	

Annotation



Annotation



A	В	С	D	E	F	G
Modify Color	Modify thickness of line	Modify type of line	Add a glyph	Modify the tag	Undo all changes	Add a note

Annotation



Share Board	×
SHARE BOARD WITH TEAM MEMBERS	
Search and select members	*
Enable Public Access	
https://tracker.demo.marklescience.com/shared/graph/626C	
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Share Function Allows for sharing of the

board internally and externally

When enabling public access, users are provided a URL which can be shared externally

Users can also password protect the link

Address Details - Balances



Balances

This tab shows all the tokens (aside from the native token of the blockchain) that the wallet has transacted with in the past.

Please note that the "Sent" and "Received" amounts are calculated based on the token price around the time of the transaction but the balance is calculated based on the current token price.

Address Details - Summary



Summary

This tab shows all the known entities/addresses with direct and indirect exposure to the address in question.

The indirect exposure is calculated up to N number of hops (N is customisable on the backend).

Users can click the drop down to reveal the specific direct/indirect exposure amount

Address Details - Summary - Auto-Graph - Before



Auto-Graph

Clicking on the + sign in the summary tab will execute Tracker's Auto-Graphing capabilities.

Where there are indirect risks identified (see image - there was \$15.69 of indirect exposure coming from Coinbase), Tracker will automatically plot out ALL the different ways in which funds could have originated from Coinbase.

Address Details - Summary - Auto-Graph - After



Auto-Graph

As seen in the expanded graph, the Auto-Graphing features had identified 3 (Red, Blue and Green) different ways in which funds could have originated from Coinbase before finally ending up in the wallet in questions

Address Details - Counterparties



Counterparties

This tab shows all the known entities/addresses with direct interaction with the wallet in question.

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Address Details - Transactions



Transactions

This tab shows the entire transaction history of a given address.

Address Details - Filters

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Filters

Filters can be applied at each tab in order to obtain more targeted results.

Transactions can also be filtered based on transaction type to help filter out irrelevant transactions.

Address Details - Watchlist



Watchlist

User can enable the watchlist feature which will enable Tracker to send near real time notifications when monitored addresses execute a new transaction based on the user's customisation.

Address Details - Export Data



Export Data

Users have the option to export address or transaction data in the form of CSV which will be sent to their mailbox.

For large addresses, the tool will only download up to 10,000 rows of data. User can contact Merkle Science for the full report.

Transaction Details



Transaction Details

Users can click on lines on the graph in order to pull up the transaction details.

Users will open by the side panel as seen in the image and be able to obtain more details about a specific transaction.

Smart Contract Support - Similar Smart Contracts



Similar Contracts

Allows the user to identify other smart contracts which have a similar code base. This can be very useful in identifying other potentially malicious smart contracts or smart contracts with certain vulnerabilities.

Smart Contract Support - Created by this Address



Created by this address

This tab allows you to quickly look up other smart contracts which were created by the address in question.

This may allow users to quickly identify other potentially malicious smart contracts or smart contracts with certain code vulnerabilities.



Additional Training Resources

Users can also access Tracker training videos using the link provided below

https://drive.google.com/drive/folders/1wE6qjeXIYrRJ0M3YtHtUkn 9cpRd69gYp?usp=drive_link

Thank you



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