

Coin Metrics Tagging Dictionary

Version 0.1 (Updated: November 14, 2023)

Coin Metrics Tagging Dictionary describes our tag definitions and methodologies for tag data acquisition. The purpose of this document is for understanding and transparency into Coin Metrics tag creation.

TAG	Tag Type	Locations	Definition	Resources/Methodologies
ADDRESS_IS_CUSTODIAN	ENTITY	btc	An address which is owned or controlled by a Cryptocurrency Custodian.	Multi-Input Heuristic. On-chain analytics. OSINT
ADDRESS_IS_DEPOSIT_WALLET	ENTITY	btc	An address which is controlled by an entity or service, such as an exchange, which receives funds and immediately transfers them to a common collection wallet (i.e., hot wallet).	On-chain analytics. In-house heuristics.
ADDRESS_IS_DEX	ENTITY	eth	Addresses and contracts that belong to a decentralized exchange protocol	Address Scraper
ADDRESS_IS_EXCHANGE	ENTITY	btc, eth	Addresses and contracts that belong to a centralized exchange. This includes all addresses which belong to subcategories of exchange wallets, for example, Deposit Wallets, Cold Wallets and Hot Wallets.	Multi Input Heuristic. On-chain analytics. OSINT. Web scraping.
ADDRESS_IS_GAMBLING	ENTITY	btc	An address which is owned or	Multi Input Heuristic. OSINT

			controlled by a Cryptocurrency gambling entity.	
ADDRESS_IS_HISTORIC	ENTITY	btc	An address that is owned or controlled by entities that are historically important, or by old entities that are now inactive. For example, VaultOfSatoshi.com or EvolutionMarket.	Multi Input Heuristic. OSINT
ADDRESS_IS_MINING	ENTITY	eth, btc	<p>An address that is associated with a cryptocurrency mining entity. It is either the direct recipient of a block reward or within 1 hop of an address that received a block reward.</p> <p>Note: In some cases, block rewards are issued directly to an exchange address. Additionally, funds are often transferred from the address that receives the coinbase transaction to either an exchange address or an entity with a different categorization. For this reason, addresses tagged as ADDRESS_IS_MINING may also be allocated other categorizations, such as exchange or custodian.</p>	Multi Input Heuristic. On-chain analytics. OSINT. Web scraping. Analysis of tags in newly issued blocks.
ADDRESS_IS_MINING_POOL	ENTITY	btc	An address which has been successfully identified as being controlled by a cryptocurrency miner entity.	Multi Input Heuristic. Web scraping.

ADDRESS_IS_FOUNDATION	ENTITY	1inch, aave, ada, algo, alpha, ant, bal, bat, bnb, bnb_bc, comp, cro, crv, cvc, dcr, dot, drgn, elf, eos, eos_eth, eth, ftt, fun, fxc, gno, gnt, gusd, hedg, ht, icp, knc, link, loom, lpt, matic_eth, mkr, neo, nxm, omg, pax, paxg, pay, perp, poly, powr, ppt, qash, qnt, ren, rev_eth, snt, snx, sushi, uma, uni, wnxm, wtc, xaut, xlm, xrp, xtz, xvg, yfi, zec, zrx	Foundation tokens that are held and controlled by a centralized or decentralized organization directly associated with the protocol.	Manually tagged. On-chain analytics. Direct communications with Foundation. Public disclosure. OSINT
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ADDRESS_IS_LOST	ENTITY	1inch, aave, algo, ant, bal, comp, cro, crv, eth, ftt, fxc, gno, ht, matic_eth, qash, qnt, ren, snx, sushi, uma, uni, usdc, usdt_eth, wtc, xlm, yfi	Tokens that are burned or probably lost, such as those lost due to a smart contract failure or sent to known burn addresses.	Manually tagged. On-chain analytics
ADDRESS_IS_TEAM	ENTITY	ada, algo, ant, bal, bat, bnb, bnb_bc, comp, cro, crv, cvc, dcr, dot, drgn, elf, etc, eth, ftt, fun, fxc, gno, gnt, hedg, icp, lend, link, lpt, mana, matic_eth, neo, nxm, omg, pay, perp, poly, powr, ppt, qnt, ren, snt, snx, uma, uni, vtc, wnxm, xrp, xvg, yfi, zrx	Foundering team tokens that are publicly disclosed or can be determined from forensic investigations. Venture capital and early investor tokens that are subject to a provable vesting schedule. Company employee token holdings and token plans that are subject to a vesting schedule.	Manually tagged. On-chain analytics. Direct communications with Foundation. Public disclosure. OSINT

ADDRESS_IS_CONTRACT	ENTITY	etc, eth, xtz	Address is a smart contract	Extracted from block trace
CONTRACT_IS_ERC1155	ENTITY	etc, eth	The smart contract is an ERC1155 contract	Smart Contract Markers (opcode tagging)
CONTRACT_IS_ERC20	ENTITY	etc, eth	The smart contract is an ERC20 contract	Smart Contract Markers (opcode tagging)
CONTRACT_IS_ERC721	ENTITY	etc, eth	The smart contract is an ERC721 contract	Smart Contract Markers (opcode tagging)
ADDRESS_IS_SERVICE_OTHER	ENTITY	btc	An address that is owned or controlled by various types of miscellaneous services, such as wallet providers, mixers, and VPN providers.	Multi Input Heuristic, Web scraping.