

Reference



Digital Asset Research (DAR) Taxonomy tables



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Section 1

DAR supersectors, sectors and subsectors

| Supersector Digital Currencies | | |
|---|----------|--|
| Sector Privacy-Preserving | | |
| Subsector | Code | Definition |
| Default Privacy Coins | 70101010 | Digital currency protocols where private transactions occur by default. |
| Optional Privacy Coins | 70101015 | Digital currency protocols whereby both pseudonymous and anonymous transactions are enabled by default, allowing users to decide whenever to transact privately. |
| Sector General Purpose | | |
| Subsector | Code | Definition |
| Standard Monetary Protocols | 70102010 | Digital currency protocols intended to be used as money and bound by algorithmic money issuance. |
| Retail Payments & Point of Sale | 70102015 | Projects pursuing compatibility with existing payment infrastructure through debit or credit cards and specialized Point-of-Sale software and hardware. |
| Commodity-Backed Coins | 70102020 | Digital currencies pegged to the value of real-world commodities, such as oil, precious metals and minerals. |
| Gas Fee Tokens | 70102025 | Currencies designed to be solely used as payment for transaction and computational fees in networks where a secondary token is used as a medium of exchange. |
| Sector Stable & Fiat Backed | | |
| Subsector | Code | Definition |
| Fiat Collateralized Stablecoins | 70103010 | Stablecoins backed by a pool of fiat collateral held by a centralized custodian. |
| Crypto Collateralized Stablecoins | 70103015 | Stablecoins where collateral is posted in the form of a digital asset, often in a multi-signature smart contract that can clawback assets as a result of volatility in the collateralized asset. |
| Algorithmic, Non-Collateralized Stablecoins | 70103020 | Stablecoins that do not employ a reserve model to guarantee stability, but instead rely on a purely algorithmic system to value the asset on par with fiat currencies using seigniorage shares. |

Supersector
Computation Platforms

Sector
Application Tokens

| Subsector | Code | Definition |
|---|----------|---|
| Digital Art, Collectibles & Non-Fungible Tokens | 70201010 | Digitized and cryptographically-bound ownership rights to both real world and digital assets, often in the form of Non-Fungible Tokens (NFTs). |
| Gaming Services | 70201015 | Projects pursuing tokenized casinos and gambling applications. |
| Video Games | 70201020 | Projects pursuing tokenized video games that allow players to use digital tokens to wager bets, exchange skins, and purchase in-game services. |
| Exchange Tokens | 70201025 | Tokens used as trading pairs, liquidity providers, IEO and/or listing gateways for centralized and decentralized digital asset spot exchanges. |
| Prediction Markets | 70201030 | Tokens used to pay for the creation, dispute and/or trading of events listed on prediction markets. |
| Advertising Platforms | 70201035 | Projects pursuing tokenized advertising models and ad revenue sharing platforms. |
| Social Networks | 70201040 | Tokenized social media networks where users employ specific tokens to "like," vote, monetize or reward content. |
| Decentralized Identity Solutions | 70201045 | Tokenized identity solutions where a user's identity is tied to a specific token and cryptographic identity, or where specialized services such as AML/KYC checks are paid for using the application's token. |
| Tokenized Wallet Applications | 70201050 | Wallet applications or browsers where through a specialized token users can source access to different applications. |
| Accounts Receivable Factoring Platforms | 70201055 | Applications where enterprise users can tokenize and factor accounts receivable to source liquidity in a short time-frame. |
| Smart Contract Oracles | 70201060 | Tokens used to report the outcome of events and/or feed data to smart contracts, which then use that information to update their state and/or trigger asset transfers. |
| Gift Cards, Rebates and Coupons | 70201065 | Projects pursuing the tokenization of gift cards, rebate rewards, and coupons. |

Sector
Smart Contract Platforms

| Subsector | Code | Definition |
|--|----------|---|
| General Purpose Smart Contract Platforms | 70202010 | Platforms for the computation and verification of multi-purpose Turing-complete contracts. |
| Security-Focused Smart Contract Platforms | 70202015 | Platforms that provide security-focused, Turing-complete contracts that can be created using functional programming languages with semantics that can be formally verified. |
| Privacy-Focused Smart Contract Platforms | 70202020 | Platforms that provide privacy-focused, Turing-complete contracts that can be executed and verified privately. |
| Scalability-Focused Smart Contract Platforms | 70202025 | Platforms that enable smart contracts to be processed and verified in parallel through techniques such as blockchain sharding and centralized database management systems. |

Sector
Protocol Interoperability

| Subsector | Code | Definition |
|---|----------|--|
| Intermediary Interoperability Solutions | 70203010 | Tokenized intermediary networks in charge of validating the proof of the existence of one asset, and recreating it in another chain. |
| Atomic Swap Solutions | 70203015 | Protocols that facilitate cross-chain atomic swap exchanges. |

Sector**Notarization and Supply Chain Management**

| Subsector | Code | Definition |
|-----------------------------------|----------|--|
| Data Notarization Platforms | 70204010 | Notarization protocols that leverage public blockchains to timestamp general arbitrary data. |
| Supply Chain Management Platforms | 70204015 | Platforms that aim to use blockchains to provide tamper-proof supply chain management systems. |

Sector**Distributed Computation & Storage**

| Subsector | Code | Definition |
|------------------------------------|----------|---|
| Cloud-Computing Intermediary | 70205010 | Platforms that enable smart contracts and their developers to source centralized cloud-computing resources via a tokenized intermediary. |
| Crowdsourced Computation Platform | 70205015 | Platforms that enable users to receive passive income by renting unused computational resources, which can then be purchased by smart contract applications and developers. |
| Crowdsourced Data Storage Platform | 70205020 | Platforms that enable users to receive passive income by renting unused storage space, which can then be purchased by smart contract applications, developers and consumers to store data in a decentralized fashion. |

Supersector**Financial Instruments****Sector****Staking Instruments and Decentralized Autonomous Organizations**

| Subsector | Code | Definition |
|-----------------------|----------|--|
| DAO Governance Shares | 70301010 | Tokenized shares that grant members of a Decentralized Autonomous Organization units of voting power. |
| Staking Token | 70301015 | Tokens for the purpose of time-locking, whereby holders receive passive income by increasing a network's resistance against Sybil attacks. |

Sector**Security Tokens**

| Subsector | Code | Definition |
|---|----------|--|
| Tokenized Indexes | 70302010 | Tokenized baskets of real-world securities or digital assets. |
| Tokenized Hedge Funds & Venture Capital Funds | 70302015 | Tokenized securities whereby holders have a claim on a fund's performance. |
| Tokenized Real Estate & REITs | 70302020 | Tokenized securities that represent shares of ownership of a real estate property or Real Estate Investment Trust. |
| Tokenized Debt | 70302025 | Tokenized debt instruments, P2P loans, and Collateralized Debt Obligations. |
| Tokenized Derivatives | 70302030 | Tokenized financial derivatives which derive their value from the performance of an underlying asset. |

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