

DIDO RA (Combined)

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- Assurance
- Authorization
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- Bitcoin Wallet
- Block Producers
- Block Validators
- blkchn
- Blockchain Network
- Brownfield
- Bylaws
- Byzantine Fault Tolerance (BFT)
- Byzantine Generals Problem
- Glossary C Terms
- Central Processing Unit (CPU)
- Charter
- Coins
- Command Line Interface (CLI)
- Common Intermediate Language (CIL)
- Common Language Runtime (CLR)
- Communication Protocol
- Community of Interest (Col)
- Configuration Management (CM)
- Consensus Algorithm
- Copyleft
- Glossary D Terms
- Data as a Service (DaaS)
- DataBase Management System (DBMS)
- Data Distribution Service (DDS)
- Data Model (DM)
- Data Protection
- Datastore
- de_facto_standard
- Delegated Byzantine Fault Tolerant (dBFT)
- Delegated Proof of Stake (DPoS)
- Department of Defense (DoD)

- [Directed Acyclic Graph \(DAG\)](#)
- [Disconnected, Intermittent and Limited \(DIL\)](#)
- [Distributed Application \(DApp or DApp\)](#)
- [Distributed Immutable Data Objects \(DIDO\)](#)
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- [Domain Name System \(DNS\)](#)
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- [Ethereum Improvement Proposal \(EIP\)](#)
- [Ethereum Request for Comment \(ERC\)](#)
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- [Google Mobile Services \(GMS\)](#)
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- [Industrial Internet of Things \(IIoT\)](#)
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- [Ledger](#)

- License Distribution
- License Linking
- License Modification
- License Patent Grant
- License Private Use
- Licensing Sublicensing
- Licensing Trademark Grant
- Lightning Network
- Light Node
- Glossary M Terms
- Maintainability Measure
- Message Queue(MQ)
- Micropayment Channel
- Miner Node
- Mission Assurance (MA)
- Multi-Signature (multisig)
- Glossary N Terms
- Network Traffic Analyzer
- Node
- Node Network
- Glossary O Terms
- Open Source Software (OSS)
- Operating System (OS)
- Operational transformation (OT)
- Oracle
- Glossary P Terms
- Parliamentary Authority
- Payment Channel
- Pedigree
- Peer-to-Peer (P2P)
- Performance Efficiency Measure
- Permissioned Networks
- Permissionless Networks
- Permissive Open Source Software
- Platform-as-a-Service (PaaS)
- Platform Independent Model (PIM)
- Platform Specific Model (PSM)
- Policy
- Principle
- principles
- Private Network
- Procedure
- Proof of Authority (PoA)
- Proof of Stake (PoS)
- Proof of Work (PoW)
- Provenance
- Public Network
- Glossary Q Terms

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- [Registered Agent](#)
- [Relational DataBase Management System \(RDBMS\)](#)
- [Reliability Measure](#)
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- [Request For Information \(RFI\)](#)
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- [Glossary V Terms](#)
- [Virtual Machine \(VM\)](#)
- [Glossary W Terms](#)
- [Weight of Network](#)

- Glossary X Terms
- Glossary Y Terms
- Glossary Z Terms
- xapend.b_stds
- Technical Standards Bodies
- asf
- apa_2.0
- ecma
- ECMA: Standard ECMA-262 - ECMAScript® 2018 Language Specification (Javascript)
- ECMA: Standard ECMA-334 - C# Language Specification
- ECMA: Standard ECMA-335 - Common Language Infrastructure (CLI)
- ECMA: Technical Report TR/84 - Common Language Infrastructure (CLI) - Information Derived from Partition IV XML File
- ECMA: Technical Report TR/89 - Common Language Infrastructure (CLI) - Common Generics
- ieee
- posix
- ietf
- RFC0147 - The Definition of a Socket
- RFC0768 - User Datagram Protocol (UDP)
- RFC0791 - Internet Protocol (IPv4)
- RFC0793 - Transmission Control Protocol
- RFC1034 - Domain Names - Concepts and Facilities
- RFC1035 - Domain Names - Implementation and Specification
- RFC1112 - Host Extensions for IP Multicasting
- RFC1831 - Remote Procedure Call Protocol Specification Version 2 (RPC)
- RFC2026 - The Internet Standards Process
- RFC2104 - Keyed-Hashing for Message Authentication (HMAC)
- RFC2246 - The TLS Protocol
- RFC2315 - Cryptographic Message Syntax
- RFC2426 - vCard MIME Directory Profile
- RFC2460 - Internet Protocol, Version 6 (IPv6) Specification
- RFC2818 - HTTP Over TLS (HTTPS)
- RFC3339 - Date and Time on the Internet: Timestamps
- RFC3447 - PKCS #1: RSA Cryptography Specifications
- RFC3596 - DNS Extension to support IP Version 6
- RFC4122 - A Universally Unique Identifier (UUID) URN Namespace
- RFC5011 - Automated Updates of DNS Security (DNSSEC) Trust Anchors
- RFC5424 - The Syslog Protocol (SYSLOG)
- RFC6101 - The Secure Sockets Layer (SSL) Protocol Version 3.0
- RFC6376 - DomainKeys Identified Mail (DKIM) Signatures
- RFC6455 - The WebSocket Protocol
- RFC6749 - The OAuth 2.0 Authorization Framework
- RFC6750 - The OAuth 2.0 Authorization Framework: Bearer Token Usage
- RFC6891 - Extension Mechanisms for DNS (EDNS(0))
- RFC6979 - Deterministic Usage of the Digital Signature Algorithm (DSA) and Elliptic Curve Digital Signature Algorithm (ECDSA)
- RFC7061 - eXtensible Access Control Markup Language (XACML) XML Media Type
- RFC7235 - Hypertext Transfer Protocol (HTTP/1.1): Authentication

- [RFC8259 - The JavaScript Object Notation \(JSON\) Data Interchange Format](#)
- [iso](#)
- [ISO/IEC 19506:2012 Architecture-Driven Modernization \(ADM\) -- Knowledge Discovery Meta-Model \(KDM\)](#)
- [ISO/IEC 23360-1:2006 Linux Standard Base \(LSB\) core specification 3.1 -- Part 1: Generic specification](#)
- [ISO 9001:2015 Quality management](#)
- [ISO/IEC/IEEE 90003:2018 Software engineering - Guidelines for the application of ISO 9001:2015 to computer software](#)
- [ISO/IEC/IEEE 25000:2014 SQuaRE -- Guide to SQuaRE](#)
- [ISO/IEC 25001:2014 SQuaRE -- Planning and Management](#)
- [ISO/IEC 25010:2011 SQuaRE -- System and Software Quality Models](#)
- [ISO/IEC 25012:2008 SQuaRE -- Data Quality Model](#)
- [ISO/IEC 25020:2007 SQuaRE -- Measurement Reference Model and Guide](#)
- [ISO/IEC 25021:2012 SQuaRE -- Quality Measure Elements](#)
- [ISO/IEC 25022:2016 SQuaRE -- Measurement of Quality in Use](#)
- [ISO/IEC 25023:2016 SQuaRE -- Measurement of System and Software Product Quality](#)
- [ISO/IEC 25024:2015 SQuaRE -- Measurement of Data Quality](#)
- [ISO/IEC 25030:2007 SQuaRE -- Quality Requirements](#)
- [ISO/IEC 25040:2011 SQuaRE -- Evaluation Process](#)
- [ISO/IEC 25041:2012 SQuaRE -- Evaluation Guide for Developers, Acquirers and Independent Evaluators](#)
- [ISO/IEC 25045:2010 SQuaRE -- Evaluation Module for Recoverability](#)
- [ISO/IEC 9899:2018 Programming languages -- C](#)
- [ISO/IEC 14882:2017 Programming languages -- C++](#)
- [ISO/IEC 22275:2018 Programming Languages - ECMAScript Specification Suite](#)
- [ISO 8601-1:2019 Date and time -- Representations for information interchange -- Part 1: Basic rules](#)
- [ISO 8601-2:2019 Date and time -- Representations for information interchange -- Part 2: Extensions: Basic rules](#)
- [ISO/IEC/IEEE 15288:2015 Systems and software engineering -- System life cycle processes](#)
- [ISO/IEC 9834-8:2014 Information technology -- Procedures for the operation of object identifier registration authorities -- Part 8: Generation of universally unique identifiers \(UUIDs\) and their use in object identifiers](#)
- [itu](#)
- [ITU-T Y.2060 - Overview of the Internet of things](#)
- [nist](#)
- [NIST: FIPS PUB 186-4: Digital Signature Standard \(DSS\)](#)
- [NIST: SP 800-89: Recommendation for Obtaining Assurances for Digital Signature Applications](#)
- [NIST: SP 800-126: The Technical Specification for the Security Content Automation Protocol \(SCAP\)](#)
- [oasis](#)
- [OASIS: Assertions and Protocols for the OASIS Security Assertion Markup Language \(SAML\)](#)
- [OASIS: eXtensible Access Control Markup Language \(XACML\)](#)
- [omg](#)
- [OMG: Automated Source Code CISQ Measures \(ASCQM\)](#)
- [OMG: Automated Source Code CISQ Maintainability Measure \(ASCMM\)](#)
- [OMG: Automated Source Code CISQ Security Measure \(ASCSM\)](#)
- [OMG: Automated Source Code CISQ Performance Efficiency Measure \(ASCPem\)](#)

- OMG: Automated Source Code CISQ Reliability Measure (ASCRM)
- OMG: CISQ Automated Enhancement Points (AEP)
- OMG: CISQ Automated Function Points (AFP)
- OMG: CISQ Automated Technical Debt Measure (ATDM)
- OMG: Case Management Model and Notation (CMMN)
- OMG: Data Distribution Service (DDS)
- OMG: DDS Interoperability Wire Protocol (DDSI-RTPS)
- OMG: ISO/IEC C++ 2003 Language DDS PSM (DDS-PSM-Cxx)
- OMG: Java 5 Language PSM for DDS (DDS-Java)
- OMG: OPC-UA/DDS Gateway (DDS-OPCUA)
- OMG: RPC Over DDS (DDS-RPC)
- OMG: DDS Security (DDS-SECURITY)
- OMG: Web-Enabled DDS (DDS-WEB)
- OMG: DDS Consolidated XML Syntax (DDS-XML)
- OMG: DDS For Extremely Resource Constrained Environments (DDS-XRCE)
- OMG: Extensible and Dynamic Topic Types for DDS (DDS-XTypes)
- OMG: Interface Definition Language (IDL)
- OMG: Ontology Definition Metamodel (ODM)
- OMG: Semantics Of Business Vocabulary and Rules (SBVR)
- OMG: Structured Assurance Case Metamodel (SACM)
- OMG: Structured Metrics Metamodel (SMM)
- OMG: Systems Modeling Language (SysML)
- OMG: Unified Architecture Framework (UAF)
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- OSI: Eclipse Public License Version 2.0 (EPL-2.0)
- OSI: Mozilla Public License (MPL-2.0)
- w3c
- W3C: Cascading Style Sheets Level 2 Revision 2 (CSS 2.2) Specification
- W3C: Decentralized Identifiers (DIDs) 1.0
- W3C: Document Object Model (DOM) Level 3 Core Specification
- W3C: HTML5 (HTML5)
- W3C: OWL 2 Web Ontology Language - Structural Specification and Functional-Style Syntax (second Edition)
- W3C: RDF 1.1 Concepts and Abstract Syntax (RDF)
- W3C: RDF 1.1 Terse RDF Triple Language (Turtle)
- W3C: SPARQL 1.1 Overview (SPARQL)
- W3C: Extensible Markup Language (XML) 1.0 (Fifth Edition)
- W3C: XML Schema Definition Language (XSD) 1.1 Part 1: Structures
- W3C: XML Schema Definition Language (XSD) 1.1 Part 2: Datatypes
- W3C: XSL Transformations (XSLT) Version 3.0
- W3C: XML Path Language (XPath) 3.1

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- [apache](#)
- [Apache: Log4j](#)
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- [Bitcoin: Guide 6 Operating Modes](#)
- [Bitcoin: Guide 7 Peer-to-Peer Networks](#)
- [Bitcoin: Guide 8 Mining](#)
- [Bitcoin: Bitcoin Improvement Proposals \(BIPs\)](#)
- [BIP 0011 - M-of-N Standard Transactions](#)
- [BIP 0013 - Address Format for pay-to-script-hash](#)
- [BIP 0014 - Protocol Version and User Agent](#)
- [BIP 0021 - URI Scheme](#)
- [BIP 0022 - getblocktemplate - Fundamentals](#)
- [BIP 0023 - getblocktemplate - Pooled Mining](#)
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- [BIP 0035 - mempool message](#)
- [BIP 0037 - Connection Bloom filtering](#)
- [BIP 0061 - Reject P2P message](#)
- [BIP 0070 - Payment Protocol](#)
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- [BIP 0072 - bitcoin: uri extensions for Payment Protocol](#)
- [BIP 0073 - Use "Accept" header for response type negotiation with Payment Request URLs](#)
- [BIP 0137 - Signatures of Messages using Private Keys](#)
- [BIP 0144 - Segregated Witness \(Peer Services\)](#)
- [BIP 0145 - getblocktemplate Updates for Segregated Witness](#)
- [BIP 0016 - Pay to Script Hash \(soft fork\)](#)
- [BIP 0030 - Duplicate transactions \(soft fork\)](#)
- [BIP 0034 - Block v2, Height in Coinbase \(soft fork\)](#)
- [BIP 0042 - A finite monetary supply for Bitcoin \(soft fork\)](#)
- [BIP 0065 - OP_CHECKLOCKTIMEVERIFY \(soft fork\)](#)
- [BIP 0068 - Relative lock-time using consensus-enforced sequence numbers \(soft fork\)](#)

- BIP 0091 - Reduced threshold Segwit MASF (soft fork)
- BIP 0112 - CHECKSEQUENCEVERIFY (soft fork)
- BIP 0113 - Median time-past as endpoint for lock-time calculations (soft fork)
- BIP 0141 - Segregated Witness (Consensus layer) (soft fork)
- BIP 0143 - Transaction Signature Verification for Version 0 Witness Program (soft fork)
- BIP 0147 - Dealing with dummy stack element malleability (soft fork)
- BIP 0148 - Mandatory activation of segwit deployment (soft fork)
- [cisq](#)
- [ethereum](#)
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- [ethereum_vm](#)
- [Ethereum: Ethereum Improvement Proposals \(EIPs\)](#)
- [EIP 20: ERC-20 Token Standard](#)
- [EIP 55: Mixed-case checksum address encoding](#)
- [EIP 137: Ethereum Domain Name Service - Specification](#)
- [EIP 141: Designated invalid EVM instruction](#)
- [EIP 155: Simple replay attack protection](#)
- [EIP 162: Initial ENS Hash Registrar](#)
- [EIP 165: ERC-165 Standard Interface Detection](#)
- [EIP 181: ENS support for reverse resolution of Ethereum addresses](#)
- [EIP 190: Ethereum Smart Contract Packaging Standard](#)
- [EIP 191: Signed Data Standard \(DRAFT\)](#)
- [EIP 211: New opcodes: RETURNDATASIZE and RETURNDATACOPY](#)
- [EIP 214: New opcode STATICCALL](#)
- [EIP 721: ERC-721 Non-Fungible Token Standard](#)
- [EIP 777: ERC-777 Token Standard](#)
- [EIP 1167: Minimal Proxy Contract](#)
- [EIP 1820: Pseudo-introspection Registry Contract](#)
- [EIP 107: safe "eth_sendTransaction" authorization via html popup \(DRAFT\)](#)
- [EIP 234: `blockHash` to JSON-RPC filter options \(DRAFT\)](#)
- [EIP 695: Create `eth\\_chainId` method for JSON-RPC \(DRAFT\)](#)
- [EIP 712: Ethereum typed structured data hashing and signing \(DRAFT\)](#)
- [EIP 758: ERC-NN Subscriptions and filters for completed transactions \(DRAFT\)](#)
- [EIP 1102: Opt-in account exposure \(DRAFT\)](#)
- [EIP 1186: RPC-Method to get Merkle Proofs - eth_getProof \(DRAFT\)](#)
- [EIP 1193: Ethereum Provider JavaScript API \(DRAFT\)](#)
- [EIP 1474: Remote Procedure Call \(RPC\) specification \(DRAFT\)](#)
- [EIP 1767: GraphQL interface to Ethereum node data \(DRAFT\)](#)
- [EIP 1803: ERC-NN Rename opcodes for clarity \(DRAFT\)](#)
- [EIP 1898: ERC-NN Add `blockHash` to JSON-RPC methods which accept a default block parameter \(DRAFT\)](#)
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- [Ethereum: Pyethapp Project](#)
- [Ethereum: Ruby-ethereum Project](#)
- [google](#)
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- [Google: Go \(software language\)](#)
- [Google: gRPC](#)
- [Google: Protocol Buffers](#)
- [iota](#)
- [linuxf](#)
- [Linux Foundation: Hyperledger](#)
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- [Node.js](#)
- [Linux Foundation: Open Middleware Agnostic Messaging API \(OpenMAMA\)](#)
- [Linux Foundation: Open Messaging](#)
- [ISO/IEC The Linux Standard Base 5 Specification Series \(LSB 5\)](#)
- [microsoft](#)
- [Microsoft: Windows API](#)
- [orcle](#)
- [Oracle: The Java® Language Specification SE 8 Edition](#)
- [Oracle: The Java® Virtual Machine Specification JVM](#)
- [Oracle: Java logger API](#)
- [todo](#)
- [TODO: How to create an open source program](#)
- [TODO: Measuring your open source program's success](#)
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- [TODO: Using open source code](#)
- [TODO: Participating in open source communities](#)
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- [TODO: Building leadership in an open source community](#)
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