

DIDO RA (Combined)

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- Block Validators
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- Brownfield
- Bylaws
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- Byzantine Generals Problem
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- 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
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- Data as a Service (DaaS)
- DataBase Management System (DBMS)
- Data Distribution Service (DDS)
- Data Model (DM)
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- Datastore
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- Delegated Byzantine Fault Tolerant (dBFT)
- Delegated Proof of Stake (DPoS)
- Department of Defense (DoD)

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- License Patent Grant
- License Private Use
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- Licensing Trademark Grant
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- Light Node
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- 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
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- Parliamentary Authority
- Payment Channel
- Pedigree
- Peer-to-Peer (P2P)
- Performance Efficiency Measure
- Permissioned Networks
- Permissionless Networks
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- Platform Independent Model (PIM)
- Platform Specific Model (PSM)
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- [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 \(IPv4\)](#)
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- [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 \(RPC\)](#)
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- [RFC2104 - Keyed-Hashing for Message Authentication \(HMAC\)](#)
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- [RFC2315 - Cryptographic Message Syntax](#)
- [RFC2426 - vCard MIME Directory Profile](#)
- [RFC2460 - Internet Protocol, Version 6 \(IPv6\) Specification](#)
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- [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 \(ASCQM\)](#)
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- OMG: CISQ Automated Enhancement Points (AEP)
- OMG: CISQ Automated Function Points (AFP)
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- OMG: Case Management Model and Notation (CMMN)
- OMG: Data Distribution Service (DDS)
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- OMG: ISO/IEC C++ 2003 Language DDS PSM (DDS-PSM-Cxx)
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- 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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- 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
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