

DIDO RA 3.0 (Full Version)

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- [Aggregation Layer](#)
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- [American National Standards Institute \(ANSI\)](#)
- [American Standard for Information Interchange \(ASCII\)](#)
- [Analysability](#)
- [Application](#)
- [Application Container](#)
- [Application Layer](#)
- [Application Performance](#)

- Application Programming Interface (API)
- Application Security
- Application Specific Integrated Circuit (ASIC)
- Appropriateness Recognizability
- Architecture Adaptability
- Argument
- Assurance
- Authentication
- Authenticity
- Authorization
- Automation Pyramid
- Availability
- Glossary B Terms
- Backus-Naur Form (BNF)
- Bandwidth
- Big-Endian
- Bill of Lading (BL or BoL)
- Biometrics
- Bitcoin Wallet
- Bit Error
- Black Box Testing
- blkchn
- Blockchain Network
- Block Producers
- Block Validators
- Bluetooth
- Bootstrap
- Bridge
- Brownfield
- Bylaws
- Byzantine Fault Tolerance (BFT)
- Byzantine Generals Problem
- Glossary C Terms
- Cable Subscriber Protection
- California Consumer Privacy Act (CCPA)
- Capability Maturity Model Integration (CMMI)
- Category 5 (Cat-5)
- Category 6 (Cat-6)
- Category 7 (Cat-7)
- Category 8 (Cat-8)
- Central Processing Unit (CPU)
- Charter
- Children's Online Privacy Protection Act (COPPA)
- Claim
- Class
- Client
- Client-Server
- Cloud Elasticity

- [Coins](#)
- [Comma Separated Values \(CSV\)](#)
- [Command Line Interface \(CLI\)](#)
- [Command Shell](#)
- [Commercial Off-The-Shelf \(COTS\)](#)
- [Common Intermediate Language \(CIL\)](#)
- [Common Language Runtime \(CLR\)](#)
- [Common Object Request Broker Architecture \(CORBA\)](#)
- [Communication Protocol](#)
- [Communications Model](#)
- [Community of Interest \(Col\)](#)
- [Compiler](#)
- [Complex Instruction Set Computer \(CISC\)](#)
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- [Conceptual Schema](#)
- [Condition](#)
- [Confidentiality](#)
- [Confidentiality Agreement](#)
- [Configuration Management \(CM\)](#)
- [Conformance Specification](#)
- [Consensus Algorithm](#)
- [Container](#)
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- [Data Integrity](#)
- [Data-in-Use](#)
- [Data Link Layer \(DLL\)](#)
- [Data Logging](#)
- [Data Manipulation Language \(DML\)](#)

- Data Model (DM)
- Data Object (DO)
- Data Protection
- Data Protection Act 2018
- Data Quality
- Data Reader
- Data Security
- Datastore
- Data Structure
- Data Writer
- DDS Domain
- Decentralized Finance (DeFi)
- de facto Standard
- Delegated Byzantine Fault Tolerant (dBFT)
- Delegated Proof of Stake (DPoS)
- Department of Defense (DoD)
- Dependent Event
- DevOps
- DIDO Domain Community
- DIDO Ecosphere Community
- DIDO Ecosystem Community
- DIDO Platform
- Digital Rights
- Digital Rights Management (DRM)
- Directed Acyclic Graph (DAG)
- Disconnected, Intermittent and Limited (DIL)
- Discovery
- Disk Image
- Distributed Application (DApp or DApp)
- Distributed Denial-of-Service (DDoS)
- Distributed Immutable Data Objects (DIDO)
- Distributed Ledger Technology (DLT)
- Distributed System
- Docker
- Domain Integrity
- Domain Knowledge
- Domain Name System (DNS)
- Domain Participant
- Download Speed
- Downtime
- Driver's Privacy Protection Act of 1994 (DPPA)
- Duck Typing
- Durability
- Dynamic Host Configuration Protocol (DHCP)
- Dynamic Link Library (.dll)
- Glossary E Terms
- Economies of Scale
- Elastic Compute Cloud (EC2)

- [Encryption](#)
- [End-of-life \(EoL\)](#)
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- [Endianness](#)
- [Endpoint](#)
- [Enterprise Resource Planning \(ERP\)](#)
- [Entity](#)
- [Entity Integrity](#)
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- [Ethereum Improvement Proposal \(EIP\)](#)
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- [Fifty-One Percent \(51% Attack\)](#)
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- [Figure of Merit \(FoM\)](#)
- [File Transfer Protocol \(FTP\)](#)
- [Financial Instrument Global Identifier \(FIGI\)](#)
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- [Gateway](#)
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- [General Data Protection Regulation \(GDPR\)](#)
- [Goal](#)
- [Google Mobile Services \(GMS\)](#)
- [Government Off-The-Shelf \(GOTS\)](#)
- [Graphical User Interface \(GUI\)](#)
- [Graphics Processing Unit \(GPU\)](#)
- [Greenfield](#)
- [Glossary H Terms](#)
- [Hard Fork](#)
- [Hardware Firewall](#)

- Health Insurance Portability and Accountability Act (HIPAA)
- History QoS
- Horizontal Scaling
- Hub
- Human-machine interface (HMI)
- Hybrid Network
- Hype-Cycle
- Hypertext Transfer Protocol (HTTP)
- Hypertext transfer protocol (HTTP) Request
- Hypertext transfer protocol (HTTP) Response
- Hypertext Transport Protocol Secure (HTTPS)
- Hypervisor
- Glossary I Terms
- Identification
- Identifier (ID)
- Immutable
- Independent Event
- Industrial Internet of Things (IIoT)
- Information Assurance (IA)
- Information Security (IS/InfoSec)
- Information Technology (IT)
- Infrared Wireless Networking
- Infrastructure-as-a-Service (IaaS)
- Initial Coin Offering (ICO)
- Installability
- Instance
- Institute of Electrical and Electronics Engineers (IEEE)
- Integration Testing
- Intellectual Property (IP)
- Interface
- Interface Testing
- International Organization for Standardization (ISO)
- Internet
- Internet of Things (IOT)
- Internet Protocol (IP)
- Internet Protocol Address (IP Address)
- Internet Service Provider (ISP)
- Interoperability
- Interoperability Testing
- ISO 9001
- ISO 15288
- ISO 90003-2018
- Glossary J Terms
- Java Database Connectivity(JDBC)
- JavaScript
- JavaScript Object Notation (JSON)
- Jitter
- Just-In-Time (JIT)

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- [Key](#)
- [Know Your Customer \(KYC\)](#)
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- [Latency](#)
- [Learnability](#)
- [Ledger](#)
- [License Distribution](#)
- [License Linking](#)
- [License Modification](#)
- [License Patent Grant](#)
- [License Private Use](#)
- [Licensing Sublicensing](#)
- [Licensing Trademark Grant](#)
- [Lightning Network](#)
- [Light Node](#)
- [Listener](#)
- [Little-Endian](#)
- [Liveliness QoS](#)
- [Local Area Network \(LAN\)](#)
- [Logical Integrity](#)
- [Glossary M Terms](#)
- [Maintainability](#)
- [Maintainability Measure](#)
- [Manageability](#)
- [Management Level](#)
- [Manufacturing Execution System \(MES\)](#)
- [Massively Parallel Processing \(MPP\)](#)
- [Mean Active Maintenance Down Time \(MAMDT\)](#)
- [Mean Logistics Delay Time \(MLDT\)](#)
- [Mean Time Between Failure \(MTBF\)](#)
- [Mean Time To Failure \(MTTF\)](#)
- [Mean Time To Repair \(MTTR\)](#)
- [Media Access Control \(MAC\)](#)
- [Message-Oriented Middleware \(MOM\)](#)
- [Message Queue\(MQ\)](#)
- [Metadata](#)
- [Microcontroller](#)
- [Micropayment Channel](#)
- [Middleware](#)
- [Miner Node](#)
- [Mission Assurance \(MA\)](#)
- [Mission Critical System](#)
- [Modem](#)
- [Modifiability](#)
- [Modified Off-The-Shelf \(MOTS\)](#)
- [Modularity](#)

- Module
- Monitoring Software
- Motherboard
- Multi-core Processor
- Multi-Signature (multisig)
- Must (Requirement)
- Glossary N Terms
- N-Tier Architecture
- NATO Off-The-Shelf (NOTS)
- Near-Field-Communication (NFC)
- Network Appliance
- Network Attached Storage (NAS)
- Network Cabling
- Network Device
- Network Interface Card (NIC)
- Network Layer
- Network Node
- Network Performance
- Network Security
- Network Topology
- Network Traffic Analyzer
- Node
- Node Network
- Non-Disclosure Agreement (NDA)
- Non-Functional Requirements
- Non-Repudiation
- Normalization
- NoSQL
- Glossary O Terms
- Object
- Object-Oriented Programming (OOP)
- Objective
- Object Management Group® (OMG®)
- One-Time PIN (OTP)
- Ontology
- Open Database Connectivity (ODBC)
- Open Source Software (OSS)
- Open Systems Interconnection (OSI) Model
- Operability
- Operating System (OS)
- Operational transformation (OT)
- Operator
- Oracle
- Owner
- Ownership QoS
- Glossary P Terms
- Package Manager
- Packet Loss

- [Packet Switched Network \(PSN\)](#)
- [Parallel Processing](#)
- [Parliamentary Authority](#)
- [Partition](#)
- [Payment Channel](#)
- [Pedigree](#)
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- [Permissionless Networks](#)
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- [Physical Security](#)
- [Planning Level](#)
- [Platform](#)
- [Platform-as-a-Service \(PaaS\)](#)
- [Platform Independent Model \(PIM\)](#)
- [Platform Security](#)
- [Platform Specific Model \(PSM\)](#)
- [Plug In](#)
- [Point-to-Point](#)
- [Policies and Procedures \(P&P\)](#)
- [Policy](#)
- [Portability](#)
- [Portable Operating System Interface \(POSIX\)](#)
- [Port Number](#)
- [Presentation Layer](#)
- [Principle](#)
- [principles](#)
- [Private Network](#)
- [Privileges](#)
- [Procedural Language](#)
- [Procedure](#)
- [Processor](#)
- [Programming Language](#)
- [Project Management Software](#)
- [Proof of Authority \(PoA\)](#)
- [Proof of Stake \(PoS\)](#)
- [Proof of Work \(PoW\)](#)
- [Protocol](#)
- [Protocol Layer](#)
- [Provenance](#)
- [Public Key Infrastructure \(PKI\)](#)

- Public Network
- Publish-Subscribe
- Publisher
- Glossary Q Terms
- Quality of Service (QoS) Policies
- Glossary R Terms
- Radio Frequency Identification (RFID)
- Read-Only Memory (ROM)
- Reboot the World Problem
- reCAPTCHA
- Recoverability
- Reduced Instruction Set Computer (RISC)
- Reference Architecture (RA)
- Referential Integrity
- Registered Agent
- Regression Testing
- Relational DataBase Management System (RDBMS)
- Reliability, Maintainability, and Availability (RAM)
- Reliability Measure
- Relocatable Object
- Repairability
- Repeater
- Replaceability
- Representational State Transfer (REST)
- Request For Comment (RFC)
- Request For Information (RFI)
- Request For Proposal (RFP)
- Requirement
- RESTful API
- Reusability
- Rich Site Summary (RSS)
- Risk
- Roundoff Error
- Router
- Glossary S Terms
- Safety-Critical System (SCS)
- Safety Assurance (SfA)
- Salami Slicing
- Sample
- Sanity Testing
- Sarbanes-Oxley Act (SOX)
- Scalability
- Scaling Out
- Scaling Up
- Script
- Secure Shell (SSH)
- Secure Sockets Layer (SSL)
- Security Measure

- [Semantics](#)
- [Semantic Web](#)
- [Sensor](#)
- [Sequence](#)
- [Server](#)
- [Servicability](#)
- [Session Layer](#)
- [Settlement Layer](#)
- [Shall \(Requirement\)](#)
- [Shared Library](#)
- [Shared Object \(.so\)](#)
- [Shielding](#)
- [Should \(Requirement\)](#)
- [Sidechain](#)
- [Simple Payment Verification \(SPV\)](#)
- [Single-Factor Authentication \(SFA\)](#)
- [Six Sigma \(6Sigma\)](#)
- [Smart Card](#)
- [Smart Contract](#)
- [Smoke Testing](#)
- [Snapshot](#)
- [Soft Fork](#)
- [Software Adaptability](#)
- [Software as a Service \(SaaS\)](#)
- [Software Assurance \(SWA\)](#)
- [Software Firewall](#)
- [Software Library](#)
- [Software Stack](#)
- [Source Code](#)
- [Special Interest Group \(SIG\)](#)
- [Special Rules](#)
- [Sprint](#)
- [Stakeholder](#)
- [Standards Developing Organization \(SDO\)](#)
- [Standards Organization](#)
- [standards_organization](#)
- [Standing Rules](#)
- [Static Library](#)
- [Statute](#)
- [Storage Device](#)
- [Straight-through Processing \(StP\)](#)
- [Structured Query Language \(SQL\)](#)
- [Sub-Claim](#)
- [Subject Matter Expert \(SME\)](#)
- [Subscriber](#)
- [Subscriber Identity Module \(SIM\)](#)
- [Supervisory Control and Data Acquisition \(SCADA\)](#)

- Supervisory Level
- Supply Chain
- Switch
- Symmetric Multiprocessing (SMP)
- Syntax
- System Assurance (SysA)
- System Lifecycle
- Systems and software Quality Requirements and Evaluation (SQuaRE)
- Glossary T Terms
- Tangle
- Taxonomy
- Technical Standard
- Testability
- Throughput
- Tokens
- Topic
- Total Cost of Ownership (TCO)
- Transmission Control Protocol (TCP)
- Transport Layer
- Transport layer security (TLS)
- Two-Factor Authentication (2FA)
- Glossary U Terms
- Unicode Transformation Format (UTF)
- Unified Modeling Language (UML)
- Uninterruptible Power Supply (UPS)
- Unique Identifier (UID)
- Unit Testing
- Universally Unique Identifier (UUID)
- Universal Serial Bus (USB)
- UNIX
- Upload Speed
- Usability
- Use-Case
- User Datagram Protocol (UDP)
- User Defined Integrity
- User Error Protection
- User Interface Aesthetics
- User Scenario
- Glossary V Terms
- Validation
- Value Chain
- Vendor Lock-In
- Vertical Scaling
- Video Privacy Protection Act (VPPA)
- Virtual Disk Image (VDI)
- Virtual Machine (VM)
- Virtual Machine Images
- Glossary W Terms

- [WaitSet](#)
- [Waterfall Model](#)
- [Web Application \(Web App\)](#)
- [Weight of Network](#)
- [White Box Testing](#)
- [Wide Area Network \(WAN\)](#)
- [Will \(Requirement\)](#)
- [Windows Registry](#)
- [Wired Network](#)
- [Wireless Fidelity \(Wi-Fi\)](#)
- [Wireless Network](#)
- [Wire Protocol](#)
- [Wizard](#)
- [Glossary X Terms](#)
- [eXtensible Markup Language \(XML\)](#)
- [XML Information Set \(XML Infoset\)](#)
- [XML Schema Definition \(XSD\)](#)
- [Glossary Y Terms](#)
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- [ZigBee](#)
- [Appendix B: Standards Organizations](#)
- [Technical Standards Bodies](#)
- [Apache Software Foundation \(ASF\)](#)
- [Apache License, Version 2.0 \(Apache-2.0\)](#)
- [ECMA International](#)
- [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](#)
- [Institute of Electrical and Electronics Engineers \(IEEE\)](#)
- [IEEE 1003.1-2017 - IEEE Standard for Information Technology--Portable Operating System Interface \(POSIX\(R\)\) Base Specifications](#)
- [Internet Engineering Task Force \(IETF\)](#)
- [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
- RFC5234 - Augmented BNF for Syntax Specifications: ABNF
- 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
- RFC7405 - Case-Sensitive String Support in ABNF
- RFC8259 - The JavaScript Object Notation (JSON) Data Interchange Format
- International Organization for Standardization (ISO)
- ISO/IEC 19506:2012 Architecture-Driven Modernization (ADM) -- Knowledge Discovery Meta-Model (KDM)
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- [OASIS: Assertions and Protocols for the OASIS Security Assertion Markup Language \(SAML\)](#)
- [OASIS: eXtensible Access Control Markup Language \(XACML\)](#)
- [Object Management Group \(OMG\)](#)
- [OMG: Automated Source Code CISQ Maintainability Measure \(ASCMM\)](#)
- [OMG: Automated Source Code CISQ Measures \(ASCQM\)](#)
- [OMG: Automated Source Code CISQ Security Measure \(ASCSSM\)](#)
- [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: The 3-Clause BSD License (BSD-3-Clause)
- OSI: GNU Library General Public License version 2 (LGPL-2.0)
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- OSI: The MIT License (MIT)
- OSI: Common Public License, Version 1.0 (CPL-1.0)
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- Apache: Log4j

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- [Apache: log4php](#)
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- [Apple: Darwin](#)
- [Apple: iOS](#)
- [Apple: MacOS](#)
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- [BIP 0013 - Address Format for pay-to-script-hash](#)
- [BIP 0014 - Protocol Version and User Agent](#)
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- [BIP 0023 - getblocktemplate - Pooled Mining](#)
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- [BIP 0137 - Signatures of Messages using Private Keys](#)
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- [BIP 0145 - getblocktemplate Updates for Segregated Witness](#)
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- [EIP 162: Initial ENS Hash Registrar](#)
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- [Ethereum: Ethereumjs-lib Project](#)
- [Ethereum: Ethereum_j Project](#)
- [Ethereum: Go-ethereum Project](#)
- [Ethereum: Parity Project](#)
- [Ethereum: Pyethapp Project](#)
- [Ethereum: Ruby-ethereum Project](#)
- [Ethereum: Clients](#)
- [Ethereum: cpp Project](#)
- [Ethereum: Ethereumh Project](#)

- [Ethereum: Ethereumjs-lib Project](#)
- [Ethereum: Ethereum_j Project](#)
- [Ethereum: Go-ethereum Project](#)
- [Ethereum: Parity Project](#)
- [Ethereum: Pyethapp Project](#)
- [Ethereum: Ruby-ethereum Project](#)
- [Google](#)
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- [Google: Protocol Buffers](#)
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- [Linux Foundation](#)
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- [Talk Openly Develop Openly \(TODO\)](#)
- [TODO: How to create an open source program](#)
- [TODO: Measuring your open source program's success](#)
- [TODO: Tools for managing open source programs](#)
- [TODO: Using open source code](#)
- [TODO: Participating in open source communities](#)
- [TODO: Recruiting open source developers](#)
- [TODO: Starting an open source project](#)
- [TODO: Improve your open source development impact](#)
- [TODO: Shutting down an open source project](#)
- [TODO: Building leadership in an open source community](#)
- [TODO: Setting an Open Source Strategy](#)
- [GIT \(Revision Control\)](#)
- [InterPlanetary File System \(IPFS\)](#)
- [Jenkins \(Continuous Delivery\)](#)
- [Jira \(Bug tracking system\)](#)
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- [ZeroMQ Message Transport Protocol \(ZMTP\)](#)
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 - Azure Sphere OS
 - balenaOS
 - Blackberry QNX
 - CentOS
 - Chromium OS
 - Cisco Digital Network Architecture (Cisco DNA)
 - Cisco Internetwork Operating System (IOS)
 - Cisco IOS XR
 - Cisco NX-OS
 - ClearOS
 - CloudReady
 - ExtremeXOS
 - FreeBSD
 - FreeRTOS
 - IBM i
 - iOS
 - Junos operating system (Junos OS)
 - LynxOS RTOS
 - Nokia X Software Platform
 - Open Network Linux
 - OpenServer
 - Oracle Linux (OL)
 - Oracle Solaris
 - Red Hat Enterprise Linux (RHEL)
 - SANtricity Software Operating System (OS)
 - SCO UnixWare
 - SUSE Linux Enterprise Server (SLES)
 - TrueNAS
 - Ubuntu Linux
 - Windows
 - Windows IoT
 - Windows NT
 - Windows Server
 - Windows XP

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- [Tools: Bug and Issue Tracking](#)
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