Administrivia

Return to Public Area

- dido:public:appendix_xx:
  - Change Log
  - Parking Lot
- Appendices
  - dido:public:ra:xapend:
    - Appendix A: Glossary of Terms Related to DIDO
      - Glossary !-* Terms
        - Glossary !-* Terms
      - Glossary 0-9 Terms
        - 16-Bit
        - 32-Bit
        - 64-Bit
        - Glossary 0-9 Terms
      - Glossary A Terms
        - Acceptance Testing
        - Access Control
        - Access Control Engine (ACE)
        - Access Control Function
        - Access Control List (ACL)
        - Access Control Policy (ACP)
        - Accessibility
        - Accountability
        - Actuarial Tables
        - Adaptability
        - Address Resolution Protocol (ARP)
        - Address Resolution Protocol (ARP) Spoofing
        - Advanced Encryption Standard (AES)
        - Advanced Message Queuing Protocol (AMQP)
        - After Action Review (AAR)
        - Aggregation Layer
        - Agile Model
        - Agreement Ledgers
        - Altcoin
        - Amazon Web Services (AWS)
        - American National Standards Institute (ANSI)
        - American Standard for Information Interchange (ASCII)
        - Analysability
        - Anti Money Laundering (AML)
        - Apache ActiveMQ
        - Application

- Ciphertext
- Claim
- Class
- Clearinghouse
- Cleartext
- Client
- Client-Server
- Cloud Elasticity
- Cloud Service
- Cloud Storage
- Coins
- Cold Boot Attack
- Comma Separated Values (CSV)
- Command Line Interface (CLI)
- Command Shell
- Commercial Off-The-Shelf (COTS)
- Commodity Futures Trading Commission (CFTC)
- Common Intermediate Language (CIL)
- Common Language Runtime (CLR)
- Common Object Request Broker Architecture (CORBA)
- Common Warehouse Metamodel (CWM)
- Common Weakness Enumeration (CWE)
- Communication Protocol
- Communications Model
- Community of Interest (CoI)
- Competition In Contracting Act (CICA)
- Compiler
- Complex Instruction Set Computer (CISC)
- Component
- Computer Architecture
- Computer System
- Computing Platform
- Conceptual Schema
- Condition
- Confidential Information Protection and Statistical Efficiency Act (CIPSEA)
- Confidentiality
- Confidentiality Agreement
- Confidentiality, Integrity and Availability (CIA Triad)
- Configuration Management (CM)
- Confirmation
- Conformance Specification
- Consensus Algorithm
- Consensus Process
- Console
- Consortium Blockchain
- Constrained Application Protocol (CoAP)
- Consumer Financial Protection Bureau (CFPB)
- Container

    - Container Engine
    - Container Host
    - Container OS
    - Control Flow
    - Control Level
    - Copyleft
    - Copyright
    - Core Dump
    - Corruption
    - Cost Accounting Standards (CAS)
    - Crash
    - Credit and Debit Card Receipt Clarification Act
    - Credit Card
    - Crowdfunding
    - Cryptoanalysis
    - Cryptocurrency
    - Cryptocurrency Addresses
    - Cryptographic Algorithm
    - Cryptographic Checksum
    - Cryptographic Key
    - Cryptography
    - Customer Due Diligence
    - Cyber Resiliency
    - Cybersecurity
    - CyberSecurity Culture (CSC)
    - Cyclomatic
    - Cyclomatic Complexity
    - Glossary C Terms
- Glossary D Terms
    - Daemon
    - Dark Web
    - Data as a Service (DaaS)
    - Data Breach
    - Data Definition Language (DDL)
    - Data Distribution Service (DDS)
    - Data Governance (DG)
    - Data Integrity
    - Data Link Layer (DLL)
    - Data Localization
    - Data Logging
    - Data Loss Prevention (DLP)
    - Data Management (DM)
    - Data Management Platform (DMP)
    - Data Manipulation Language (DML)
    - Data Model (DM)
    - Data Modeling
    - Data Object (DO)
    - Data Protection

- Data Protection Act 2018
- Data Quality
- Data Reader
- Data Remanence
- Data Residency
- Data Retention Policy
- Data Security
- Data Sovereignty
- Data Strategy
- Data Structure
- Data Type
- Data Writer
- Data-at-Rest
- Data-Centric
- Data-Centric Publish-Subscribe (DCPS)
- Data-in-Motion
- Data-in-Use
- Database
- Database Driver
- DataBase Management System (DBMS)
- Datastore
- DDS Domain
- DDS Sample
- de facto Standard
- Deadline QoS
- Debit Card
- Debugger
- Decentralized Application
- Decentralized Autonomous Organization
- Decentralized Autonomous Organization (DAO)
- Decentralized Finance (DeFi)
- Decentralized IDentifier (DID)
- Decision Point
- Declarative Programming
- Decryption
- Deep Copy
- Defense Federal Acquisition Regulation Supplement (DFARS)
- Delegated Byzantine Fault Tolerant (dBFT)
- Delegated Proof of Stake (DPoS)
- Denial-of-Service (DoS)
- Department of Defense (DoD)
- Department of Justice (DOJ)
- Dependent Event
- Deposit Insurance
- Desirement
- Desktop
- Deterministic Algorithm
- DevOps

- devp2p
- DIDO Domain Community
- DIDO Ecosphere Community
- DIDO Ecosystem Community
- DIDO Platform
- Difficulty
- Digital Asset
- Digital Attack Surface Area
- Digital Certificate
- Digital Identity
- Digital Rights
- Digital Rights Management (DRM)
- Digital Signature
- Digital Transaction
- Digital Twin
- Directed Acyclic Graph (DAG)
- Disaster Recovery Plan (DRP)
- Disconnected, Intermittent and Limited (DIL)
- Discovery
- Disk Image
- Distributed Application (ĐApp or DApp)
- Distributed Database
- Distributed Denial-of-Service (DDoS)
- Distributed Hash Table (DHT)
- Distributed Immutable Data Objects (DIDO)
- Distributed Ledger
- Distributed Ledger Technology (DLT)
- Distributed System
- Division by Zero (DIV/0)
- Docker
- Document Object Model (DOM)
- Dodd-Frank Act
- Domain Integrity
- Domain Knowledge
- Domain Name System (DNS)
- Domain Participant
- Domestic Money Laundering
- Double Spend
- Download Speed
- Downtime
- Driver's Privacy Protection Act of 1994 (DPPA)
- Drug Enforcement Administration (DEA)
- Drug Trafficking
- Dual In-line Memory Module (DIMM)
- Duck Typing
- Durability
- Dynamic Host Configuration Protocol (DHCP)
- Dynamic Link Library (.dll)

    - Fault Tolerance
    - Federal Acquisition Regulation (FAR)
    - Federal Bureau of Investigation (FBI)
    - Federal Deposit Insurance Corporation (FDIC)
    - Federal Emergency Management Agency (FEMA)
    - Federal Information Security Management Act (FISMA)
    - Federal Reserve (Fed)
    - Federal Reserve Note
    - Fiat Currency
    - Field Level
    - Fifty-One Percent (51% Attack)
    - FIGI Symbology
    - Figure of Merit (FoM)
    - File
    - File Transfer Protocol (FTP)
    - Financial Accounting Standards Board (FASB)
    - Financial Action Task Force (FATF)
    - Financial Conduct Authority (FCA)
    - Financial Industry Regulatory Authority (FINRA)
    - Financial Instrument
    - Financial Instrument Global Identifier (FIGI)
    - Financial Market
    - Financial Market Supervisory Authority (FINMA)
    - Financial Sector
    - Financial Services Agency (FSA)
    - Financial Technology (Fintech)
    - Firewall
    - Firmware
    - Five Nines
    - Flowchart
    - Fork
    - Full Memory Encryption (FME)
    - Full Node
    - Full-Disk Encryption (FDE)
    - Functional Language
    - Functional Programming
    - Functional Requirements
    - Fungibility
    - Fungible
    - Glossary F Terms
- Glossary G Terms
    - Ganache
    - Gas
    - Gateway
    - General Data Protection Regulation (GDPR)
    - General-Purpose Graphics Processing Unit (GPGPU)
    - Generally Accepted Accounting Principles (GAAP)
    - Geolocation

    - Lightweight Directory Access Protocol (LDAP)
    - Lint
    - Liquidity
    - Liquidity Risk
    - Lisp
    - Listener
    - Litecoin
    - Little-Endian
    - Liveliness QoS
    - Local Area Network (LAN)
    - Location Factor
    - Logic Error
    - Logical Integrity
    - Long-Term Evolution (LTE)
- Glossary M Terms
    - Glossary M Terms
    - Machine Authentication
    - Machine Learning (ML)
    - Machine to Machine (M2M)
    - Main Memory Encryption (MME)
    - Maintainability
    - Maintainability Measure
    - Malicious Software (Malware)
    - Man-in-the-Middle (MiTM) Attack
    - Manageability
    - Management Level
    - Manufacturing Execution System (MES)
    - Markets in Financial Instruments Directive (MiFID)
    - Markets in Financial Instruments Directive II (MiFID II)
    - 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)
    - Measures of Effectiveness (MoE)
    - Media Access Control (MAC)
    - Meet-in-the-Middle Attack
    - Meme Coin
    - Memorandum Of Agreement (MOA)
    - Memorandum Of Understanding (MOU)
    - Memory Leak
    - Message Broker
    - Message Queue(MQ)
    - Message Queuing Telemetry Transport (MQTT)
    - Message-Oriented Middleware (MOM)
    - Metadata
    - MetaObject Facility Specification (MOF)

- Glossary P Terms
  - Glossary P Terms
  - Package
  - Package Manager
  - Packet Loss
  - Packet Switched Network (PSN)
  - Parallel Processing
  - Parliamentary Authority
  - Partition
  - Password
  - Patch
  - Payment Card
  - Payment Card Industry Data Security Standard (PCI DSS)
  - Payment Channel
  - Pedigree
  - Peer
  - Peer Review
  - Peer-to-Peer (P2P)
  - Peer-to-Peer Lending (P2P Lending)
  - Pension Fund Regulatory and Development Authority (PFRDA)
  - Performance
  - Performance Efficiency Measure
  - Performance or Functional Specifications
  - Peripheral Device
  - Permissioned Blockchains
  - Permissioned Ledger
  - Permissioned Networks
  - Permissionless Networks
  - Permissive Open Source Software
  - Personal Identifiable Information (PII)
  - Personal Identification Number (PIN)
  - Phishing
  - Physical Attack Surface Area
  - Physical Integrity
  - Physical Layer
  - Physical Security
  - Plaintext
  - Planning Level
  - Platform
  - Platform Independent Model (PIM)
  - Platform Security
  - Platform Specific Model (PSM)
  - Platform-as-a-Service (PaaS)
  - Plug In
  - Point-to-Point
  - Policies and Procedures (P&P)
  - Policy
  - Policy Administration Point (PAP)

- Policy Based Management System (PBMS)
- Policy Decision Point (PDP)
- Policy Enforcement Point (PEP)
- Policy Information Block (PIB)
- Policy Information Point (PIP)
- Policy Retrieval Point (PRP)
- Polkadot
- Port Number
- Portability
- Portable Network Graphics (PNG)
- Portable Operating System Interface (POSIX)
- Possession Factor
- Precision Time Protocol (PTP)
- Prepaid Card
- Presentation Layer
- Principle
- Private Key
- Private Network
- Privileges
- Procedural Language
- Procedure
- Processor
- Procurement Integrity Act (PIA)
- Programming Language
- Programming Style Guide
- Project Management Software
- Proof of Authority (PoA)
- Proof of Concept Software
- Proof of Stake (PoS)
- Proof of Work (PoW)
- Protection Rings
- Protocol
- Protocol Buffer (Protobuf)
- Protocol Layer
- Prototype
- Prototype Model
- Provenance
- Prudential Regulation Authority (PRA)
- Public Domain
- Public Key
- Public Key Infrastructure (PKI)
- Public Network
- Publish-Subscribe
- Publisher
- Pulse-Amplitude Modulation (PAM)
- Pure Function
- Python

- Glossary Q Terms

    - Resources
    - RESTful API
    - Reusability
    - Rich Site Summary (RSS)
    - Right to Financial Privacy Act of 1978 (RFPA)
    - Right to Privacy
    - Ripple
    - Risk
    - RLPx
    - Robo-Advisor
    - Roundoff Error
    - Router
    - RSA SecureID
    - Run Time
    - Runtime Error
- Glossary S Terms
    - Glossary S Terms
    - Safety Assurance (SfA)
    - Safety-Critical System (SCS)
    - Salami Slicing
    - Sample
    - Sandbox
    - Sandboxing
    - Sanity Testing
    - Sarbanes-Oxley Act (SOX)
    - Scalability
    - Scaling Out
    - Scaling Up
    - Scope Creep
    - Script
    - Scrypt
    - Secure Encrypted Virtualization (SEV)
    - Secure Memory Encryption (SME)
    - Secure Shell (SSH)
    - Secure Sockets Layer (SSL)
    - Securities and Exchange Board of India (SEBI)
    - Securities and Exchange Commission (SEC)
    - Security (finance)
    - Security Breach
    - Security Measure
    - Segmentation Fault (SEGFAULT)
    - Self-sovereign Identity (SSI)
    - Semantic Web
    - Semantics
    - Sensor
    - Sequence
    - Sequenced Packet Exchange (SPX)
    - Server

- Servicability
- Service Mesh
- Session Layer
- Settlement Layer
- SHA 256
- Shall (Requirement)
- Shallow Copy
- Shard
- Sharding
- Shared Library
- Shared Object (.so)
- Shared Resources
- Shielding
- Short Message Service (SMS)
- Should (Requirement)
- Side Effect
- Side-Channel Attack
- Sidechain
- Silo
- Simple (or Streaming) Text Oriented Message Protocol (STOMP)
- Simple Network Management Protocol (SNMP)
- Simple Object Access Protocol (SOAP)
- Simple Payment Verification (SPV)
- Single In-line Memory Module(SIMM)
- Single Point of Failure (SPoF)
- Single Sign-On (SSO)
- Single-Factor Authentication (SFA)
- Singleton
- Six Sigma (6Sigma)
- Small Business Innovation Research (SBIR)
- Small Business Technology Transfer (STTR)
- Smart Card
- Smart Contract
- Smoke Testing
- Snapshot
- Soft Fork
- Software (SW)
- Software Adaptability
- Software as a Service (SaaS)
- Software Assurance (SwA)
- Software Crisis
- Software Development Model
- Software Engineering (SE)
- Software Firewall
- Software Guard Extensions (SGX)
- Software Library
- Software Quality Assurance (SQA)
- Software Stack

- Software Stack
- Software Subsystem
- Solana
- Solid-State Drive (SSD)
- Solidity
- Solidity Events
- Solution Stack
- Source Code
- Source Instrumentation
- Special Interest Group (SIG)
- Special Rules
- Specification
- Specified Unlawful Activities (SUA)
- Spiral Model
- Sprint
- Stablecoin
- Stack Memory
- Stack Trace
- Stakeholder
- Standard
- Standards Developing Organization (SDO)
- Standards Organization
- Standing Rules
- Static Code Analysis
- Static Library
- Static Random Access Memory (SRAM)
- Statute
- Storage Area Network (SAN)
- Storage Device
- Straight-through Processing (StP)
- Stream Ciphers
- Stream Control Transmission Protocol (SCTP)
- Strongly Typed Language
- Structured Query Language (SQL)
- Sub-Claim
- Subject Matter Expert (SME)
- Subscriber
- Subscriber Identity Module (SIM)
- Successful Attack
- Supervisory Control and Data Acquisition (SCADA)
- Supervisory Level
- Supply Chain
- Switch
- Symmetric Multiprocessing (SMP)
- Syntax
- Syntax Error
- Syntax Highlighting
- System Assurance (SysA)

- Blackberry QNX
  - Blackberry QNX
- CentOS
  - CentOS
- Chromium OS
  - Chromium OS
- Cisco Digital Network Architecture (Cisco DNA)
  - Cisco Digital Network Architecture (Cisco DNA)
- Cisco Internetwork Operating System (IOS)
  - Cisco Internetwork Operating System (IOS)
- Cisco IOS XR
  - Cisco IOS XR
- Cisco NX-OS
  - Cisco NX-OS
- ClearOS
  - ClearOS
- CloudReady
  - CloudReady
- ExtremeXOS
  - ExtremeXOS
- FreeBSD
  - FreeBSD
- FreeRTOS
  - FreeRTOS
- IBM i
  - IBM i
- iOS
  - iOS
- Junos operating system (Junos OS)
  - Junos operating system (Junos OS)
- LynxOS RTOS
  - LynxOS RTOS
- MacOS
  - MacOS
- Nokia X Software Platform
  - Nokia X Software Platform
- Open Network Linux
  - Open Network Linux
- OpenServer
  - OpenServer
- Oracle Linux (OL)
  - Oracle Linux (OL)
- Oracle Solaris
  - Oracle Solaris
- Red Hat Enterprise Linux (RHEL)
  - Red Hat Enterprise Linux (RHEL)
- SANtricity Software Operating System (OS)
  - SANtricity Software Operating System (OS)

- BIP 0030 - Duplicate transactions (soft fork)
- BIP 0031 - Pong message
- BIP 0034 - Block v2, Height in Coinbase (soft fork)
- BIP 0035 - mempool message
- BIP 0037 - Connection Bloom filtering
- BIP 0042 - A finite monetary supply for Bitcoin (soft fork)
- BIP 0061 - Reject P2P message
- BIP 0065 - OP_CHECKLOCKTIMEVERIFY (soft fork)
- BIP 0068 - Relative lock-time using consensus-enforced sequence numbers (soft fork)
- BIP 0070 - Payment Protocol
- BIP 0071 - Payment Protocol MIME types
- BIP 0072 - bitcoin: uri extensions for Payment Protocol
- BIP 0073 - Use "Accept" header for response type negotiation with Payment Request URLs
- 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 0137 - Signatures of Messages using Private Keys
- BIP 0141 - Segregated Witness (Consensus layer) (soft fork)
- BIP 0143 - Transaction Signature Verification for Version 0 Witness Program (soft fork)
- BIP 0144 - Segregated Witness (Peer Services)
- BIP 0145 - getblocktemplate Updates for Segregated Witness
- BIP 0147 - Dealing with dummy stack element malleability (soft fork)
- BIP 0148 - Mandatory activation of segwit deployment (soft fork)

▪ dido:public:ra:xapend:xapend.b_stds:defact:bitcoin:guides:

- Bitcoin: Guide 1 Blockchain
- Bitcoin: Guide 2 Transactions
- Bitcoin: Guide 3 Contracts
- Bitcoin: Guide 4 Wallets
- Bitcoin: Guide 5 Payment Processing Guide
- Bitcoin: Guide 6 Operating Modes
- Bitcoin: Guide 7 Peer-to-Peer Networks
- Bitcoin: Guide 8 Mining

▪ Bitcoin
▪ Bitcoin: Bitcoin Improvement Proposals (BIPs)
▪ Bitcoin: Bitcoinj Developer's Documentation
▪ Bitcoin: Developer's Guidance

◦ Consortium for Information & Software Quality (CISQ)
▪ Consortium for Information & Software Quality (CISQ)
◦ Ethereum: Ethereum Improvement Proposals (EIPs)
▪ dido:public:ra:xapend:xapend.b_stds:defact:ethereum:eip:

- EIP 1052: EXTCODEHASH opcode
- EIP 107: safe "eth_sendTransaction" authorization via html

popup (DRAFT)
- EIP 1102: Opt-in account exposure (DRAFT)
- EIP 1167: Minimal Proxy Contract
- EIP 1186: RPC-Method to get Merkle Proofs - eth_getProof (DRAFT)
- EIP 1193: Ethereum Provider JavaScript API (DRAFT)
- EIP 137: Ethereum Domain Name Service - Specification
- EIP 141: Designated invalid EVM instruction
- EIP 1474: Remote Procedure Call (RPC) specification (DRAFT)
- EIP 150: Gas cost changes for IO-heavy operations
- EIP 1559: Fee market change for ETH 1.0 chain
- EIP 155: Simple replay attack protection
- EIP 162: Initial ENS Hash Registrar
- EIP 165: ERC-165 Standard Interface Detection
- EIP 1767: GraphQL interface to Ethereum node data (DRAFT)
- EIP 1803: ERC-NN Rename opcodes for clarity (DRAFT)
- EIP 181: ENS support for reverse resolution of Ethereum addresses
- EIP 1820: Pseudo-introspection Registry Contract
- EIP 1884: Repricing for trie-size-dependent opcodes
- EIP 1898: ERC-NN Add `blockHash` to JSON-RPC methods which accept a default block parameter (DRAFT)
- EIP 190: Ethereum Smart Contract Packaging Standard
- EIP 191: Signed Data Standard (DRAFT)
- EIP 20: ERC-20 Token Standard
- EIP 211: New opcodes: RETURNDATASIZE and RETURNDATACOPY
- EIP 214: New opcode STATICCALL
- EIP 234: `blockHash` to JSON-RPC filter options (DRAFT)
- EIP 2718: Typed Transaction Envelope
- EIP 2929: Gas cost increases for state access opcodes
- EIP 2930: Optional access lists
- EIP 55: Mixed-case checksum address encoding
- EIP 695: Create `eth_chainId` method for JSON-RPC (DRAFT)
- EIP 712: Ethereum typed structured data hashing and signing (DRAFT)
- EIP 721: ERC-721 Non-Fungible Token Standard
- EIP 758: ERC-NN Subscriptions and filters for completed transactions (DRAFT)
- EIP 777: ERC-777 Token Standard

- dido:public:ra:xapend:xapend.b_stds:defact:ethereum:client:
  - Ethereum: cpp Project
  - Ethereum: Ethereum_j Project
  - Ethereum: Ethereumh Project
  - Ethereum: Ethereumjs-lib Project
  - Ethereum: Go-ethereum Project
  - Ethereum: Parity Project
  - Ethereum: Pyethapp Project

                - Open Data Common Licenses
                - Open Data Commons Attribution License (ODC-By) v1.0
                - Open Data Commons Open Database License (ODbL)
                - Open Data Commons Public Domain Dedication and License (PDDL)
            - Open Data Common Resources and Tools
                - Frequently Asked Questions (FAQ)
                - Licenses API
                - Licenses Frequently Asked Questions (FAQ)
                - Open Data Common Resources and Tools
                - Open Data Handbook
                - Open Definition v2.1
            - Open Data Commons
        - Open Government Data (The Book)
            - Open Government Data (The Book)
            - Open Government Definition
            - Open Knowledge Definition
        - Oracle
            - Oracle
            - Oracle: Java logger API
            - Oracle: The Java® Language Specification SE 8 Edition
            - Oracle: The Java® Virtual Machine Specification JVM
        - Participating in Open Source Communities
            - Participating in Open Source Communities
        - Talk Openly Develop Openly (TODO)
            - Talk Openly Develop Openly (TODO)
            - TODO: Building leadership in an open source community
            - TODO: How to create an open source program
            - TODO: Improve your open source development impact
            - TODO: Measuring your open source program's success
            - TODO: Participating in open source communities
            - TODO: Recruiting open source developers
            - TODO: Setting an Open Source Strategy
            - TODO: Shutting down an open source project
            - TODO: Starting an open source project
            - TODO: Tools for managing open source programs
            - TODO: Using open source code
        - ZeroMQ Distributed Messaging
            - ZeroMQ Distributed Messaging
        - ZeroMQ Message Transport Protocol (ZMTP)
            - ZeroMQ Message Transport Protocol (ZMTP)
- dido:public:ra:xapend:xapend.b_stds:tech:
    - Apache Software Foundation (ASF)
        - Apache License, Version 2.0 (Apache-2.0)
        - Apache Software Foundation (ASF)
    - ECMA International
        - 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
        - IEEE 1588-2019 - Standard for a Precision Clock Synchronization Protocol for Networked Measurement and Control Systems
        - IEEE 802.1AS-2020 - Standard for Local and Metropolitan Area Networks--Timing and Synchronization for Time-Sensitive Applications
        - IEEE 802.1Q-2018 - Local and Metropolitan Area Networks—Bridges and Bridged Networks
        - Institute of Electrical and Electronics Engineers (IEEE)
    - International Electrotechnical Commission (IEC)
        - IEC 62541-001 OPC Unified Architecture - Part 1: Overview and concepts
        - IEC 62541-002 OPC Unified Architecture - Part 2: Security Model
        - IEC 62541-003 OPC Unified Architecture - Part 3: Address Space Model
        - IEC 62541-004 OPC Unified Architecture - Part 4: Services
        - IEC 62541-005 OPC Unified Architecture - Part 5: Information Model
        - IEC 62541-006 OPC Unified Architecture - Part 6: Mappings
        - IEC 62541-007 OPC Unified Architecture - Part 7: Profiles
        - IEC 62541-008 OPC Unified Architecture - Part 8: Data Access
        - IEC 62541-009 OPC Unified Architecture - Part 9: Alarms and Conditions
        - IEC 62541-010 OPC Unified Architecture - Part 10: Programs
        - IEC 62541-011 OPC Unified Architecture - Part 11: Historical Access
        - IEC 62541-012 OPC Unified Architecture - Part 12: Discovery and global
        - IEC 62541-013 OPC Unified Architecture - Part 13: Aggregates
        - IEC 62541-014 OPC Unified Architecture - Part 14: PubSub
        - IEC 62541-100 OPC Unified Architecture - Part 100: Device Interface
        - International Electrotechnical Commission (IEC)
    - International Organization for Standardization (ISO)
        - International Organization for Standardization (ISO)
        - ISO 10001:2018 Quality management — Customer satisfaction — Guidelines for codes of conduct for organizations
        - ISO 10002:2018 Quality management — Customer satisfaction — Guidelines for complaints handling in organizations
        - ISO 10003:2018 Quality management — Customer satisfaction — Guidelines for dispute resolution external to organizations
        - ISO 10004:2018 Quality management — Customer satisfaction —

Guidelines for monitoring and measuring
- 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 9001:2015 Quality management
- ISO/IEC 14882:2017 Programming languages -- C++
- ISO/IEC 19506:2012 Architecture-Driven Modernization (ADM) -- Knowledge Discovery Meta-Model (KDM)
- ISO/IEC 22275:2018 Programming Languages - ECMAScript Specification Suite
- ISO/IEC 23360-1:2006 Linux Standard Base (LSB) core specification 3.1 -- Part 1: Generic specification
- ISO/IEC 24723:2010 Information technology — Automatic identification and data capture techniques — GS1 Composite bar code symbology specification
- ISO/IEC 24724:2011 Information technology — Automatic identification and data capture techniques — GS1 DataBar bar code symbology specification
- 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 7816 Integrated Circuit Card Family of Specificaions
- ISO/IEC 7816-01 Identification cards — Integrated circuit cards — Part 1: Cards with contacts — Physical characteristics
- ISO/IEC 7816-02 Identification cards — Integrated circuit cards — Part 2: Cards with contacts — Dimensions and location of the contacts
- ISO/IEC 7816-03 Identification cards — Integrated circuit cards — Part 3: Cards with contacts — Electrical interface and transmission protocols
- ISO/IEC 7816-04 Identification cards — Integrated circuit cards — Part 4: Organization, security and commands for interchange
- ISO/IEC 7816-05 Identification cards — Integrated circuit cards — Part 5: Registration of application providers
- ISO/IEC 7816-06 Identification cards — Integrated circuit cards —

Part 6: Interindustry data elements for interchange
- ISO/IEC 7816-07 Identification cards — Integrated circuit(s) cards with contacts — Part 7: Interindustry commands for Structured Card Query Language (SCQL)
- ISO/IEC 7816-08 Identification cards — Integrated circuit cards — Part 8: Commands and mechanisms for security operations
- ISO/IEC 7816-09 Identification cards — Integrated circuit cards — Part 9: Commands for card management
- ISO/IEC 7816-10 Identification cards — Integrated circuit(s) cards with contacts — Part 10: Electronic signals and answer to reset for synchronous cards
- ISO/IEC 7816-11 Identification cards — Integrated circuit cards — Part 11: Personal verification through biometric methods
- ISO/IEC 7816-12 Identification cards - Integrated circuit cards — Part 12: Cards with contacts — USB electrical interface and operating procedures
- ISO/IEC 7816-13 Identification cards — Integrated circuit cards — Part 13: Commands for application management in a multi-application environment
- ISO/IEC 7816-15 Identification cards — Integrated circuit cards — Part 15: Cryptographic information application
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- ISO/IEC 9075-02:2016 Database languages — SQL — Part 2: Foundation (SQL/Foundation)
- ISO/IEC 9075-03:2016 Database languages — SQL — Part 3: Call-Level Interface (SQL/CLI)
- ISO/IEC 9075-04:2016 Database languages — SQL — Part 4: Persistent stored modules (SQL/PSM)
- ISO/IEC 9075-09:2016 Database languages — SQL — Part 9: Management of External Data (SQL/MED)
- ISO/IEC 9075-10:2016 Database languages — SQL — Part 10: Object language bindings (SQL/OLB)
- ISO/IEC 9075-11:2016 Database languages — SQL — Part 11: Information and definition schemas (SQL/Schemata)
- ISO/IEC 9075-13:2016 Database languages — SQL — Part 13: SQL Routines and types using the Java TM programming language (SQL/JRT)
- ISO/IEC 9075-14:2016 Database languages — SQL — Part 14: XML-Related Specifications (SQL/XML)
- ISO/IEC 9241-210:2019 Ergonomics of human-system interaction
- 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
- ISO/IEC 9899:2018 Programming languages -- C
- ISO/IEC Information technology — Message Queuing Telemetry Transport (MQTT)

        - ISO/IEC/IEEE 15288:2015 Systems and software engineering -- System life cycle processes
        - ISO/IEC/IEEE 25000:2014 SQuaRE -- Guide to SQuaRE
        - ISO/IEC/IEEE 90003:2018 Software engineering – Guidelines for the application of ISO 9001:2015 to computer software
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        - International Telecommunications Union (ITU)
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    - Internet Engineering Task Force (IETF)
        - 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
        - RFC1777 - Lightweight Directory Access Protocol (LDAP)
        - RFC1831 - Remote Procedure Call Protocol Specification Version 2 (RPC)
        - RFC2026 - The Internet Standards Process
        - RFC2104 - Keyed-Hashing for Message Authentication (HMAC)
        - RFC2119 - Key words for use in RFCs to Indicate Requirement Levels
        - 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)
        - RFC2904 - AAA Authorization Framework
        - 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
        - RFC4960 - Stream Control Transmission Protocol
        - 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)
        - RFC7011 - IP Protocol Specification (IPFIX)

        - RFC7061 - eXtensible Access Control Markup Language (XACML) XML Media Type
        - RFC7235 - Hypertext Transfer Protocol (HTTP/1.1): Authentication
        - RFC7252 - The Constrained Application Protocol (CoAP)
        - RFC7405 - Case-Sensitive String Support in ABNF
        - RFC7595 - Guidelines and Registration Procedures for URI Schemes
        - RFC8089 - The "file" URI Scheme
        - RFC8174 - Ambiguity of Uppercase vs Lowercase in RFC 2119 Key Words
        - RFC8259 - The JavaScript Object Notation (JSON) Data Interchange Format
    - National Institute of Standards and Technology (NIST)
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        - NIST: FIPS PUB 186-4: Digital Signature Standard (DSS)
        - NIST: SP 800-126: The Technical Specification for the Security Content Automation Protocol (SCAP)
        - NIST: SP 800-207: Zero Trust Architecture (ZTA)
        - NIST: SP 800-34E Recommendation for Block Cipher Modes of Operation: the XTS-AES Mode for Confidentiality on Storage Devices
        - NIST: SP 800-89: Recommendation for Obtaining Assurances for Digital Signature Applications
    - Object Management Group (OMG)
        - Object Management Group (OMG)
        - OMG: Automated Source Code CISQ Maintainability Measure (ASCMM)
        - OMG: Automated Source Code CISQ Measures (ASCQM)
        - OMG: Automated Source Code CISQ Performance Efficiency Measure (ASCPEM)
        - OMG: Automated Source Code CISQ Reliability Measure (ASCRM)
        - OMG: Automated Source Code CISQ Security Measure (ASCSM)
        - OMG: Business Motivation Model (BMM)
        - OMG: Business Process Model And Notation (BPMN)
        - OMG: Case Management Model and Notation (CMMN)
        - OMG: CISQ Automated Enhancement Points (AEP)
        - OMG: CISQ Automated Function Points (AFP)
        - OMG: CISQ Automated Technical Debt Measure (ATDM)
        - OMG: Common Warehouse Metamodel (CWM)
        - OMG: Data Distribution Service (DDS)
        - OMG: DDS Consolidated XML Syntax (DDS-XML)
        - OMG: DDS For Extremely Resource Constrained Environments (DDS-XRCE)
        - OMG: DDS Interoperability Wire Protocol (DDSI-RTPS)
        - OMG: DDS Security (DDS-SECURITY)
        - OMG: Distributed Ontology, Model, and Specification Language (DOL)
        - OMG: Extensible and Dynamic Topic Types for DDS (DDS-XTypes)
        - OMG: Financial Industry Business Ontology (FIBO)
        - OMG: Financial Instrument Global Identifier (FIGI)
        - OMG: Information Exchange Framework (IEF)

        - OMG: Interface Definition Language (IDL)
        - OMG: ISO/IEC C++ 2003 Language DDS PSM (DDS-PSM-Cxx)
        - OMG: Java 5 Language PSM for DDS (DDS-Java)
        - OMG: Meta Object Facility (MOF)
        - OMG: Ontology Definition Metamodel (ODM)
        - OMG: OPC-UA/DDS Gateway (DDS-OPCUA)
        - OMG: RPC Over DDS (DDS-RPC)
        - 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: Test Information Interchange Format (TestIF)
        - OMG: Unified Architecture Framework (UAF)
        - OMG: Unified Modeling LanguageTitle (UML)
        - OMG: Web-Enabled DDS (DDS-WEB)
        - OMG: XML Metadata Interchange (XMI)
    - Open Source Initiative (OSI)
        - Open Source Initiative (OSI)
        - OSI: Common Public License, Version 1.0 (CPL-1.0)
        - OSI: Eclipse Public License Version 2.0 (EPL-2.0)
        - OSI: GNU General Public License version 3 (GPL-3.0)
        - OSI: GNU Lesser General Public License version 2.1 (LGPL-2.1)
        - OSI: GNU Library General Public License version 2 (LGPL-2.0)
        - OSI: Mozilla Public License (MPL-2.0)
        - OSI: The 2-Clause BSD License (BSD-2-Clause)
        - OSI: The 3-Clause BSD License (BSD-3-Clause)
        - OSI: The MIT License (MIT)
    - Organization for the Advancement of Structured Information Standards (OASIS)
        - OASIS: Assertions and Protocols for the OASIS Security Assertion Markup Language (SAML)
        - OASIS: eXtensible Access Control Markup Language (XACML)
        - OASIS: Message Queuing Telemetry Transport (MQTT)
        - Organization for the Advancement of Structured Information Standards (OASIS)
    - World Wide Web Consortium (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: Extensible Markup Language (XML) 1.0 (Fifth Edition)
        - 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: XML Path Language (XPath) 3.1