

DIDO RA 4.0 (Compact Version)

- Reference Architecture (RA)
- Front Matter
- a. Cover Page
- OMG Discussion Paper Disclaimer
- b. Change Log
- c. Abstract
- d. Copyright Notice
- f. Preface
- 1 Introduction
- 1.1 Problem
- 1.2 Purpose
- 1.3 Content Organization
- 2 Architectural Views
- 2.1 Stakeholder Views
- 2.1.1 Platform View
- 2.1.2 Domain View
- 2.1.3 Ecosystem View
- 2.1.4 Ecosphere View
- 2.1.5 Exchange View
- 2.1.6 Enterprise View
- 2.1.7 Relevant Community Standards
- 2.2 Technical Views
- 2.2.1 Fundamental Views
- 2.2.1.1 Interfaces
- 2.2.1.1.1 Platform Interface
- 2.2.1.1.2 Software Interfaces
- 2.2.1.1.3 Human Interfaces
- 2.2.1.2 Tools
- 2.2.1.2.1 Logging
- 2.2.1.2.2 Semantic Web
- 2.2.1.2.3 Open Source Communities
- 2.2.1.3 Case Management
- 2.2.1.4 System of Systems (SoS)
- 2.2.1.5 Quality
- 2.2.1.6 Open Source Paradigm
- 2.2.1.7 Assurance
- 2.2.2 Node Network View
- 2.2.2.1 Network View
- 2.2.2.1.1 Secure Messaging
- 2.2.2.1.2 Transport
- 2.2.2.1.3 Security
- 2.2.2.1.4 Protocol
- 2.2.2.1.5 Distribution Software
- 2.2.2.2 Node View

- 2.2.2.2.1 Operating System (OS)
- 2.2.2.2.2 Operating Environment
- 2.2.2.2.3 DIDO Platform
- 2.2.2.2.4 Distributed Applications
- 2.2.2.3 Node Architecture
 - 2.2.2.3.1 Immutable Data Objects
 - 2.2.2.3.1.1 Ledger
 - 2.2.2.3.1.2 Transactions
 - 2.2.2.3.1.3 Identities
 - 2.2.2.3.1.4 Wallets
 - 2.2.2.3.2 Ancillary Data
 - 2.2.2.3.2.1 Journal
 - 2.2.2.3.2.2 Transforms
 - 2.2.2.3.2.3 Distributed Applications
 - 2.2.2.3.2.4 Web Applications
 - 2.2.2.3.2.5 Exchanges
 - 2.2.2.3.3 Semantic Web
 - 2.2.2.3.4 Software
- 2.2.2.4 Messaging View
- 2.2.3 Decentralized Finance (DeFi) Layers
- 2.3 Taxonomic Views
 - 2.3.1.1 Centralized Network Topology
 - 2.3.1.2 Decentralized Network Topology
 - 2.3.1.3 Distributed Network Topology
 - 2.3.1.4 Relevant Networking Standards
 - 2.3.2.1 Permissionless Networks
 - 2.3.2.2 Permissioned Networks
 - 2.3.2.3 Public Networks
 - 2.3.2.4 Private Networks
 - 2.3.2.5 Hybrid Networks
 - 2.3.3.1 Full Node
 - 2.3.3.1.1 Pruned Node
 - 2.3.3.1.2 Archival Node
 - 2.3.3.1.2.1 Authority Node
 - 2.3.3.1.2.2 Staking Node
 - 2.3.3.1.2.3 Mining Node
 - 2.3.3.1.2.4 Masternode
 - 2.3.3.2 Lightweight Node (Wallet)
 - 2.3.3.3 Lightning Node
 - 2.3.3.4 Permanode
- 3 Governance
 - 3.1 DIDO Communities
 - 3.1.1 Stakeholder Communities
 - 3.1.2 Software Communities
 - 3.2 Legal Documents
 - 3.2.1 Charter

- 3.2.2 Bylaws
- 3.2.3 Policies and Procedures (P&P)
- 3.3 Guides
- 4 Requirements
- 4.1 About Requirements
- 4.1.1 Governance Requirements Model
- 4.1.2 Cognitive Requirements Model
- 4.1.3 Governing Roles - Combined Requirements Model
- 4.1.4 Example of a Using the Combined Requirements Model
- 4.1.5 The Current State of DIDO Requirements
- 4.1.6 One Degree of Freedom Rule
- 4.1.7 Specifying Requirements
- 4.2 Functional Requirements
- 4.2.1 Platforms
- 4.2.1.1 Hardware Platform
- 4.2.1.2 Operating System Platform
- 4.2.1.3 Runtime Platforms
- 4.2.1.4 Network Platforms
- 4.2.1.5 Virtualized Nodes
- 4.2.2 Access Control
- 4.3 Non-Functional Requirements
- 4.3.1 Portability
- 4.3.1.1 Adaptability
- 4.3.1.2 Installability
- 4.3.1.3 Replaceability
- 4.3.2 Reliability
- 4.3.2.1 Maturity
- 4.3.2.2 Availability
- 4.3.2.3 Fault Tolerance
- 4.3.2.4 Recoverability
- 4.3.3 Maintainability
- 4.3.3.1 Modularity
- 4.3.3.2 Reusability
- 4.3.3.3 Analysability
- 4.3.3.4 Modifiability
- 4.3.3.5 Testability
- 4.3.4 Securability
- 4.3.4.1 Confidentiality
- 4.3.4.2 Data Integrity
- 4.3.4.3 Non-Repudiation
- 4.3.4.4 Authenticity
- 4.3.4.5 Accountability
- 4.3.5 Manageability
- 4.3.5.1 Types of Manageability Functions
- 4.3.5.2 Manageability Costs
- 4.3.5.3 System Manageability Issues
- 4.3.5.4 Software Manageability Issues
- 4.3.6 Usability

- [4.3.6.1 Effectiveness Metrics](#)
- [4.3.6.2 Efficiency Metrics](#)
- [4.3.6.3 Attitude / Satisfaction Metrics](#)
- [4.3.7 Performance](#)
- [4.3.7.1 Platform Performance](#)
- [4.3.7.2 Application Performance](#)
- [4.3.7.3 Network Performance](#)
- [4.3.8 Interoperability](#)
- [4.3.9 Elasticity](#)
- [4.3.10 Scalability](#)
- [4.4 Assessing Requirements](#)
- [4.4.2 Non-functional Requirements Assessment](#)
- [Appendices](#)
- [Glossary !-* Terms](#)
- [Glossary 0-9 Terms](#)
- [16-Bit](#)
- [32-Bit](#)
- [64-Bit](#)
- [Glossary A Terms](#)
- [Acceptance Testing](#)
- [Access Control](#)
- [Access Control Function](#)
- [Access Control List \(ACL\)](#)
- [Accessibility](#)
- [Accountability](#)
- [Adaptability](#)
- [Address Resolution Protocol \(ARP\)](#)
- [Address Resolution Protocol \(ARP\) Spoofing](#)
- [After Action Review \(AAR\)](#)
- [Aggregation Layer](#)
- [Agile Model](#)
- [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 \(CISC\)](#)
- [Computer Architecture](#)
- [Computing Platform](#)
- [Conceptual Schema](#)
- [Condition](#)
- [Confidentiality](#)
- [Confidentiality Agreement](#)
- [Configuration Management \(CM\)](#)
- [Conformance Specification](#)
- [Consensus Algorithm](#)
- [Container](#)
- [Container Engine](#)
- [Container Host](#)
- [Container OS](#)
- [Control Level](#)
- [Copyleft](#)
- [Copyright](#)
- [Cryptocurrency](#)
- [CyberSecurity Culture \(CSC\)](#)
- [Glossary D Terms](#)
- [Daemon](#)
- [Data-Centric](#)
- [Data-Centric Publish-Subscribe \(DCPS\)](#)
- [Data as a Service \(DaaS\)](#)
- [Data-at-Rest](#)
- [Database Driver](#)
- [DataBase Management System \(DBMS\)](#)
- [Data Definition Language \(DDL\)](#)
- [Data Distribution Service \(DDS\)](#)
- [Data-in-Motion](#)
- [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)
- End-to-End Solution (E2ES)
- End-to-End Testing (E2E Testing)
- Endianness
- Endpoint
- Enterprise Resource Planning (ERP)

- [Entity](#)
- [Entity Integrity](#)
- [Environment Variables](#)
- [Ethereum Improvement Proposal \(EIP\)](#)
- [Ethereum Request for Comment \(ERC\)](#)
- [Ethernet](#)
- [Evidence](#)
- [Executable File](#)
- [Glossary F Terms](#)
- [Failover](#)
- [Fault Tolerance](#)
- [Federal Deposit Insurance Corporation \(FDIC\)](#)
- [Field Level](#)
- [Fifty-One Percent \(51% Attack\)](#)
- [FIGI Symbology](#)
- [Figure of Merit \(FoM\)](#)
- [File Transfer Protocol \(FTP\)](#)
- [Financial Instrument Global Identifier \(FIGI\)](#)
- [Firewall](#)
- [Five Nines](#)
- [Flowchart](#)
- [Full-Disk Encryption \(FDE\)](#)
- [Full Node](#)
- [Functional Language](#)
- [Functional Programming](#)
- [Functional Requirements](#)
- [Fungible](#)
- [Glossary G Terms](#)
- [Gateway](#)
- [General-Purpose Graphics Processing Unit \(GPGPU\)](#)
- [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)
- Glossary K Terms
- Key
- Know Your Customer (KYC)
- Glossary L Terms
- 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](#)
- [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
- Glossary P Terms
- Package Manager
- Packet Loss
- Packet Switched Network (PSN)
- Parallel Processing
- Parliamentary Authority
- Partition
- Payment Channel

- [Pedigree](#)
- [Peer-to-Peer \(P2P\)](#)
- [Performance](#)
- [Performance Efficiency Measure](#)
- [Performance or Functional Specifications](#)
- [Permissioned Networks](#)
- [Permissionless Networks](#)
- [Permissive Open Source Software](#)
- [Personal Identifiable Information \(PII\)](#)
- [Physical Integrity](#)
- [Physical Layer](#)
- [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_contracts](#)
- [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](#)
- [wireproro](#)
- [Wizard](#)
- [Glossary X Terms](#)
- [eXtensible Markup Language \(XML\)](#)
- [XML Information Set \(XML Infoset\)](#)
- [XML Schema Definition \(XSD\)](#)
- [Glossary Y Terms](#)
- [Glossary Z Terms](#)
- [ZigBee](#)
- [Technical Standards Bodies](#)
- [de facto Standards Bodies](#)
- [C.1 Embedded Systems](#)
- [C.1.1 Embedded Subsystem](#)
- [C.1.2 Standalone Embedded Systems](#)
- [C.1.3 Networked Embedded Systems](#)
- [C.2 Servers](#)
- [C.2.1 Software Servers](#)
- [C.2.2 Hardware Servers](#)
- [C.3 Desktops](#)
- [C.4 Handheld Computers](#)
- [C.5 Supercomputers](#)
- [C.6 Network Devices](#)
- [android](#)
- [apstra](#)
- [axure_rtos](#)
- [azure_sphere_os](#)
- [balenaos](#)
- [blackberry_qnx](#)
- [centos](#)
- [chromium_os](#)
- [cisco_dna_software](#)
- [cisco_ios](#)
- [cisco_ios_xr](#)
- [cisco_nx-os](#)
- [clearos](#)
- [cloudready](#)
- [extremexos](#)
- [freebsd](#)

- freertos
- ibm_i
- ios
- junos_os
- lynxos
- nokia_x_software_platform
- open_network_linux
- openserver
- oracle_linux
- oracle_solaris
- rhel
- santricity_software
- sco_unixware
- suse_linux_ee
- truenas
- ubuntu_linux
- windows
- windows_iot
- windows_nt
- windows_server
- windows_xp
- Tools: Archiving and Release Management
- Tools: Bug and Issue Tracking
- Tools: Code Reviews
- Tools: Contributor License Agreements (CLA)
- Tools: GitHub Management at Corporate Scale
- Tools: Logging Tools
- Tools: Network Traffic Analysis
- Tools: Open Source Paradigm
- Tools: Project Quality
- Tools: Source Code Scanning and License Compliance
- Tools: Tracking Project Health
- F.1 User Data
- F.2 Topic Data
- F.3 Group Data
- F.4 Durability
- F.5 Durability Service
- F.6 Presentation
- F.8 Latency Budget
- F.7 Deadline
- F.9 Ownership
- F.10 Ownership Strength
- F.11 Liveliness
- F.12 Time Based Filter
- F.13 Partition
- F.14 Reliability
- F.15 Transport Priority
- F.16 Lifespan

- [F.17 Destination Order](#)
- [F.18 History](#)
- [F.19 Resource Limits](#)
- [F.20 Entity Factory](#)
- [F.21 Writer Data Lifecycle](#)
- [F.22 Reader Data Lifecycle](#)
- [Appendix G: Tests](#)
- [Appendix H: Acronyms](#)
- [Appendix I: Cognitive Model](#)
- [Appendix J: Governance Model](#)
- [Appendix K: DIDO Consensus Algorithms](#)
- [K.1 Definition of Terms](#)
- [K.2 Consensus Objectives](#)
- [K.3 Consensus Mechanisms](#)
- [K.4 Consensus Platforms](#)
- [K.5 Consensus Algorithm References](#)
- [Video: SCOTT](#)
- [Webpage: ANWAR](#)
- [Webpage: BHARDWAJ](#)
- [Webpage: HRYIUK](#)
- [Webpage: SAINI](#)
- [Webpage: SHAH](#)
- [Appendix L: Governance, Regulation and Compliance](#)
- [Data Governance](#)
- [Health Insurance Portability and Accountability Act \(HIPAA\) Compliance](#)
- [U.S. Federal Data Strategy](#)

From:
<https://www.omgwiki.org/dido/> - **DIDO Wiki**

Permanent link:
https://www.omgwiki.org/dido/doku.php?id=wiki:ebook:dido_ra_4.0_compact_version&rev=1635883465



Last update: **2021/11/02 16:04**