# Terminology

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| Acronym | Expansion |
| [ABT](https://github.com/pmodels/argobots/wiki/Introduction-to-Argobots) | Argobots |
| ACL | Access Control List |
| ACE | Access Control Entry |
| ACID | Atomicity, consistency, isolation, durability |
| BIO | Blob I/O |
| CART | Collective and RPC Transport |
| CGO | Go tools that enable creation of Go packages that call C code |
| CN | Compute Node |
| COTS | Commercial off-the-shelf |
| CPU | Central Processing Unit |
| Daemon | A process offering system-level resources. |
| [DAOS](http://www.daos.io) | Distributed Asynchronous Object Storage |
| PMEM | Intel Optane Persistent Memory |
| DPDK | Data Plane Development Kit |
| dRPC | DAOS Remote Procedure Call |
| [gRPC](https://grpc.io) | gRPC Remote Procedure Calls |
| GURT | A common library of Gurt Useful Routines and Types |
| [HLC](https://cse.buffalo.edu/tech-reports/2014-04.pdf) | Hybrid Logical Clock |
| HLD | High-level Design |
| [ISA-L](https://01.org/intel®-storage-acceleration-library-open-source-version) | Intel Storage Acceleration Library |
| I/O | Input/Output |
| KV store | Key-Value store |
| libfabric | A user-space library that exports the Open Fabrics Interface |
| Mercury | A user-space RPC library that can use libfabrics as a transport |
| MTBF | Mean Time Between Failures |
| NVM | Non-Volatile Memory |
| NVMe | Non-Volatile Memory express |
| [OFI](https://ofiwg.github.io/libfabric/) | Open Fabrics Interface |
| OS | Operating System |
| PM | Persistent Memory |
| [PMDK](https://pmem.io/pmdk/) | Persistent Memory Devevelopment Kit |
| RAFT | Raft is a consensus algorithm used to distribute state transitions among DAOS server nodes. |
| RAS | Reliability, Availability & Serviceability |
| RDB | Replicated Database, containing pool metadata and maintained across DAOS servers using the Raft algorithm. |
| RDMA/RMA | Remote (Direct) Memory Access |
| RDG | Redundancy Group |
| RPC | Remote Procedure Call |
| SCM | Storage-Class Memory |
| [SWIM](http://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=1028914) | Scalable Weakly-consistent Infection-style process group Membership |
| [SPDK](https://spdk.io/) | Storage Performance Development Kit |
| SSD | Solid State Drive |
| SWIM | Scalable Weakly-consistent Infection-style process group Membership protocol |
| [ULT](https://github.com/pmodels/argobots/wiki/User-level-Thread-(ULT)) | User Level Thread |
| UPI | Intel Ultra Path Interconnect |
| UUID | Universal Unique Identifier |
| [VOS](/doc/vos/README.md) | Versioning Object Store |