

Communication Parameter

[Go up to Terms and Definitions](#)

Discussion

A Communication Parameter specifies a characteristic that governs the exchange of information between communicating entities.

Communication Parameters may address characteristics such as communication endpoints, addressing, protocol selection, Topic identification, message characteristics, connection behavior, or other properties relevant to information exchange.

A Communication Parameter describes a communication-related characteristic independently of the particular technology used to realize that characteristic.

[Quality of Service](#) parameters form a distinct class of communication-related characteristics governing properties such as reliability, durability, latency, resource limits, or delivery behavior.

Definition

a parameter that specifies a characteristic governing the exchange of information between communicating entities

Source

- [\[DTE9\] Distributed Immutable Data Object Reference Architecture \(DIDO-RA\)](#), communication, DDS, and Quality of Service concepts
- DIDO-TE normalization of the source concepts

Note

A Communication Parameter does not establish the semantic meaning, authority, or eligibility of the data exchanged.

Communication Parameters may be realized through network, middleware, DDS, API, messaging, or other communication technologies.

Example

A Twin Relationship identifies the DDS Topic used to exchange a represented state value. The Topic

identifier is a Communication Parameter associated with that exchange.

© 2026 Dido Solutions, Inc. and Jackrabbit Consulting, Inc.

From:
<https://wiki.didosolutions.com/> - **Dido Solutions, Inc Wiki**

Permanent link:
https://wiki.didosolutions.com/dido/99_annexes/annex-b-terms-and-definitions/c/communication_parameter

Last update: **2026/08/20 15:22**

