

Twin Identifier

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Discussion

A Twin Identifier identifies a [Twin Identity](#) independently of the individual [Twin Realizations](#) associated with it.

The Twin Identifier provides a stable reference for Configuration, [Test Definitions](#), [Test Executions](#), comparison, Validation, Evidence, and [Traceability](#) involving the logical twin.

A Twin Identifier remains distinct from implementation-specific identifiers such as container identifiers, process identifiers, host names, network addresses, DDS entity identifiers, or identifiers assigned to individual Twin Realizations.

Definition

an identifier assigned to a [Twin Identity](#)

Source

- [\[DTE1\] U.S. Patent Application US20220237111A1](#), Twin Node concepts and identifiers shared among Twin Nodes
- DIDO-TE normalization of the source concept

Note

Multiple Twin Realizations associated with the same Twin Identity reference the same Twin Identifier.

A Twin Identifier identifies the logical twin rather than a particular realization of that twin.

The representation, encoding, and implementation mechanism used for a Twin Identifier belong to the applicable logical or physical model rather than to the conceptual definition.

Example

The Twin Identifier T-4711 identifies a logical twin. A virtual Twin Realization and a real-world Twin Realization both reference T-4711 while retaining separate realization identifiers.

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Last update: **2026/08/20 11:06**

