

Conformance Model

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Discussion

A Conformance Model defines the structure used to determine whether an identified subject satisfies applicable [Requirements](#) and therefore achieves [Conformance](#).

A Conformance Model identifies the subjects of evaluation, applicable Requirements, Conformance Criteria, [Conformance Points](#), [Evidence](#) expectations, and Traceability relationships needed to support a conformance determination.

The Conformance Model separates the definition of conformance from the particular tools, test procedures, products, deployment environments, or implementation technologies used to perform an evaluation.

A Conformance Model differs from a test suite. A test suite contains executable or procedural tests. A Conformance Model establishes what conformance means, which Requirements apply, where an evaluator inspects conformance, and which Evidence supports the determination.

Definition

defined structure specifying the subjects, requirements, criteria, conformance points, and evidence used to determine conformance

Source

- Structured Information Processing [Reference Architecture \(RA\)](#)
- DIDO Solutions, Inc. and Jackrabbit Consulting, Inc.

Note

A Conformance Model supports consistent evaluation across different implementation technologies, deployment environments, and tooling choices.

A Conformance Model does not itself constitute a conformance determination. Evaluation of an identified subject against the applicable Conformance Criteria produces the information used to determine Conformance.

Example

A DIDO-TE Conformance Model identifies the applicable Requirements, Conformance Points, expected Evidence, and evaluation relationships used to determine whether a DIDO-TE implementation conforms to the applicable requirement set.

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