

P4-REQ-21-6-003

[Return to Requirements](#)

Statement

Each generated type SHALL identify the IDL structure from which it derives.

Source

Part 4, Section 21.6: Information Structure Mapping Requirements.

Rationale

Generated types are derived implementation artifacts rather than independent source definitions. Identifying the originating IDL structure preserves generation repeatability and establishes the source of the generated representation.

This relationship also supports review of generated files and prevents manual or untraceable generated representations from entering the implementation baseline.

Applies To

This requirement applies to:

- generated types;
- governed IDL structures;
- generated-file metadata; and
- type-generation processes.

Verification

Verification SHALL confirm that each generated type identifies the IDL structure from which it derives.

Verification activities should include review checks confirming that:

- the source IDL structure is identifiable;
- the generated type corresponds to that source structure;
- generated-file metadata preserves the derivation relationship; and
- regeneration can reproduce the generated type from the governed source.

Traceability

This requirement establishes the derivation relationship between governed IDL structures and generated Phase 0 types.

Related requirement identifiers:

- [P4-REQ-21-6-002](#)
- [P4-REQ-21-6-007](#)
- [P4-REQ-21-6-008](#)

Related source section:

- [21.6 Information Structure Mapping Requirements](#)

Status

Draft

© 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-d-requirements/part-04/p4-req-21-6-003

Last update: **2026/08/06 16:11**

