

P4-REQ-21-12-010

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Statement

Phase 0 SHALL include a controlled type-generation script or equivalent controlled procedure when generated types form part of the implementation baseline.

Source

Part 4, Section 21.12: Script and Execution Requirements.

Rationale

Generated types must be reproducible from governed IDL definitions when they are included in the Phase 0 baseline.

A controlled type-generation procedure preserves repeatability, source-to-output traceability, regeneration discipline, and separation between generated and hand-authored files.

Applies To

This requirement applies to:

- governed IDL definitions;
- generated types;
- type-generation scripts;
- generated-code locations; and
- generation metadata.

Verification

Verification SHALL confirm that a controlled type-generation script or equivalent procedure exists when generated types are part of the Phase 0 implementation baseline.

Verification activities should include review checks confirming that:

- governed IDL sources are used;
- generated outputs are written to approved locations;
- the generation process is repeatable;

- generated files are identifiable as generated; and
- regeneration follows Developer Handbook rules.

Traceability

This requirement connects governed IDL definitions to their generated Phase 0 implementation types through a controlled generation process.

Related requirement identifiers:

- [P4-REQ-21-12-009](#)
- [P4-REQ-21-6-003](#)
- [P4-REQ-21-6-008](#)

Related source section:

- [21.12 Script and Execution Requirements](#)

Status

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