

P4-REQ-21-3-006

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Statement

The Phase 0 Implementation Profile / PSM SHALL identify Python as the selected Phase 0 hand-authored implementation language.

Source

Part 4, Section 21.3: Technology Selection Requirements.

Rationale

Identifying Python as the selected hand-authored implementation language establishes a consistent development context for Phase 0 source modules, helpers, adapters, processing logic, and other approved hand-authored implementation artefacts.

A defined implementation language also allows the Developer Handbook to establish consistent coding, logging, exception-handling, dependency, and review conventions.

Applies To

This requirement applies to:

- Phase 0 hand-authored source code;
- implementation node modules;
- supporting modules;
- wrappers and adapters; and
- applicable Developer Handbook coding conventions.

Verification

Verification SHALL confirm that Python is identified as the selected Phase 0 hand-authored implementation language.

Verification activities should include review checks confirming that:

- governed hand-authored Phase 0 implementation code uses Python where applicable;
- Python source files follow the Developer Handbook;

- generated artefacts remain distinguishable from hand-authored Python code; and
- alternative implementation languages are not introduced into the Phase 0 baseline without approved change control.

Traceability

This requirement establishes the selected implementation-language context for Phase 0 hand-authored implementation artefacts.

Related requirement identifiers:

- [P4-REQ-21-3-001](#)
- [P4-REQ-21-3-007](#)
- [P4-REQ-21-3-008](#)

Related source section:

- [21.3 Technology Selection Requirements](#)

Status

Draft

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Last update: **2026/08/06 16:00**

