

P3-REQ-17-9-005

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Statement

Each FX logical interaction pattern SHALL identify the FX logical information structures exchanged, recorded, or referenced.

Source

Part 3, Section 17.9: FX Logical Interaction Requirements.

Rationale

Logical interaction patterns are defined not only by the participating architectural elements but also by the logical information that they exchange, record, or reference. Identifying these logical information structures preserves semantic consistency, supports interoperability, enables traceability, and ensures that the architectural meaning of information remains independent of serialization formats, message definitions, databases, or other implementation technologies.

Maintaining explicit information structure definitions also supports consistent realization across multiple Implementation Profiles.

Applies To

This requirement applies to every FX logical interaction pattern defined by the FX Demo Logical Profile.

It applies specifically to:

- logical information exchange;
- logical information structures;
- interaction architecture;
- architectural governance; and
- derived Implementation Profiles.

Verification

Verification SHALL confirm that every FX logical interaction pattern identifies the logical information

structures exchanged, recorded, or referenced.

Verification activities should include review checks confirming that:

- exchanged information structures are identified;
- recorded information structures are identified where applicable;
- referenced information structures are identified where applicable; and
- implementation-specific data representations are not prescribed.

Traceability

This requirement establishes the logical information model associated with FX interaction patterns.

Related requirement identifiers:

- [P3-REQ-17-9-003](#)
- [P3-REQ-17-9-004](#)
- [P3-REQ-17-9-006](#)

Related source section:

- [17.9 FX Logical Interaction Requirements](#)

Status

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