

18.2 Part 3 FX Logical Element to Part 4 Implementation Artifact

[Go To Phase 0 Implementation Traceability Model](#)

Part 3 FX logical element to Part 4 implementation artifact [traceability](#) connects an FX logical profile element to the Phase 0 implementation artifact that realizes or supports it.

This relationship supports forward review. A reviewer can start with an FX logical [Node](#), Node Role, Communication Endpoint, information structure, Runtime Plane, interaction pattern, governance relationship, or traceability relationship and identify the Phase 0 implementation artifact or artifacts that realize it.

Table 18-1: Forward traceability from Part 3 FX logical elements to Part 4 implementation artifacts

Part 3 FX logical element	Part 4 implementation artifact
FX logical Node	Implementation node module, process entry point, supporting module, or runtime participant
FX logical Node Role	Implementation responsibility, module, function, class, or service behavior
FX logical Communication Endpoint	DDS Topic or selected communication artifact
FX logical information structure	IDL structure, generated type, implementation data representation, or runtime data instance
FX Runtime Plane	DDS Topic naming convention, QoS profile family, logging category, exception-handling convention, repository grouping, or implementation convention
FX lifecycle state	Status value, state field, generated type value, command acknowledgement value, log field, or audit/provenance record
FX interaction pattern	Implementation processing flow, DDS exchange, command flow, script-supported flow, or demonstration behavior
FX governance relationship	Versioning rule, compatibility rule, change-control rule, generated artifact rule, repository rule, or review expectation
FX traceability relationship	File-header metadata, generated-file metadata, IDL comments, mapping table, topic mapping record, script header, configuration metadata, or review record
FX evidence expectation	Implementation hook, logging convention, status report, audit/provenance record, replay result, configuration snapshot, or Part 5 evidence-planning input

From:
<https://wiki.didosolutions.com/> - **Dido Solutions, Inc Wiki**

Permanent link:
<https://wiki.didosolutions.com/fxdemo/04-part/18-phase-0-implementation-traceability-model/18-2-part-3-fx-logical-element-to-part-4-implementation-artifact/start>

Last update: **2026/08/05 16:00**

