

9.6 FX Semantic Interpretation Topic Mapping

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The FX Semantic Interpretation [Endpoint](#) maps to the [DDS](#) Topic that carries the Phase 0 implementation representation of FX Semantic Assertion information.

Table 9-3: FX Semantic Interpretation Endpoint to DDS Topic mapping.

Mapping Concern	Phase 0 Implementation Treatment
FX logical Communication Endpoint	FX Semantic Interpretation Endpoint
DDS Topic	Data.FX.SemanticAssertion
Primary information structure	FX Semantic Assertion
IDL structure / generated type	Phase 0 representation of the FX Semantic Assertion
Producing Node Role	Semantic Interpretation Role
Consuming Node Roles	Contract State Management Role; Policy Evaluation Role; Audit Recording Role; Provenance Recording Role
Primary Runtime Plane	FX Logical Data Plane
Supporting Runtime Planes	FX Logical Audit and Provenance Plane; FX Logical Policy and Release Plane where semantic classification affects release.
QoS profile family	Data Plane QoS profile
Traceability expectation	DDS Topic traces to the FX Semantic Interpretation Endpoint and the FX Semantic Assertion.

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