

FX Semantic Interpretation Node

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Discussion

The FX Semantic Interpretation Node applies [semantic](#) context to validated FX transaction information.

The FX Semantic Interpretation Node performs semantic interpretation responsibilities. It consumes validated FX transaction information, applies governed semantic definitions or mappings, identifies relevant business meaning, produces FX Semantic Assertions, and records the semantic context, version, source, and provenance of the [interpretation](#).

The FX Semantic Interpretation Node participates primarily in the FX Logical [Data Plane](#). It also participates in the FX Logical [Audit and Provenance Plane](#) when it records interpretation provenance and in the FX Logical [Policy and Release Plane](#) when semantic classification affects release decisions.

Definition

responsible for applying semantic context to validated FX transaction information

Source

Specialization of Logical Node from [Part 2: Distributed Node-Based Logical Architecture](#), Section 6.2, [Interpretation](#) from [Part 1: Conceptual Architecture](#), Section 9.5, and [Semantics](#) from [Part 1: Conceptual Architecture](#), Section 9.4; generalised from semantic interpretation and local authoritative ontology material in the original FX Demo [Reference Architecture](#).

Note

The FX Semantic Interpretation Node does not prescribe FIBO, SBVR, OWL, RDF, database lookup, rules engine, ontology repository, or semantic technology. Implementation profiles select semantic realization mechanisms.

Example

The FX Semantic Interpretation Node identifies the semantic meaning of currency pair, counterparty role, settlement obligation, and contractual relationship in a validated FX transaction.

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