

FX Cash-Flow Obligation

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Discussion

An FX Cash-Flow Obligation represents a projected, derived, or computed monetary [Obligation](#) associated with an FX [Contract](#) or [Transaction](#).

The FX Cash-Flow Obligation identifies obligation amount, currency, payment date, payer, receiver, contract reference, transaction reference, calculation context, model or rule reference, producing FX logical [Node](#), timestamp, and provenance reference.

The FX Cash-Flow Obligation participates primarily in the FX Logical [Data Plane](#). It also supports the FX Logical [Audit and Provenance Plane](#) because computed obligations require [traceability](#) to contract state, transaction information, semantic assertions, model references, calculation context, producing Node, and [evidence](#) expectations.

Definition

projected, derived, or computed monetary [Obligation](#) associated with an FX [Contract](#) or [Transaction](#)

Source

Specialization of Logical Assertion from [Part 2: Distributed Node-Based Logical Architecture](#), Section 8.8, [Interpretation](#) from [Part 1: Conceptual Architecture](#), Section 9.5, and [Data Structure Instance](#) from [Part 1: Conceptual Architecture](#), Section 7.8; generalised from ACTUS cash-flow and analytical computation material in the original FX Demo [Reference Architecture](#).

Note

An FX Cash-Flow Obligation does not prescribe the ACTUS library, calculation engine, model implementation, programming language, database, file, message payload, or runtime service.

Example

An FX Cash-Flow Obligation identifies a future payment amount, currency, payment date, payer, receiver, and provenance linking the obligation to its input FX Contract State.

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