

Cash-Flow Computation Trigger

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Discussion

Cash-flow computation triggers identify the logical conditions that cause the [FX Cash-Flow Computation Node](#) to compute projected or derived [FX Cash-Flow Obligations](#).

A trigger uses [FX Contract State](#), [FX Semantic Assertion](#), applicable transaction information, model reference, calculation context, or control command to initiate computation. The [FX Cash-Flow Computation Node](#) produces [FX Cash-Flow Obligations](#) and records the provenance of the computation.

A cash-flow computation trigger identifies the triggering information, producing or requesting [Node](#), applicable model or rule context, computation scope, timestamp, and provenance reference.

Cash-flow computation triggers preserve the distinction between [FX Contract State](#) and [FX Cash-Flow Obligation](#). Contract state identifies the lifecycle condition of the FX contract. [FX Cash-Flow Obligations](#) represent derived or projected monetary obligations produced from that state and related context.

Definition

Logical condition initiating computation of FX Cash-Flow Obligations.

Source

Specialisation of [FX Cash-Flow Obligation](#) from Section 9.7, [Cash-Flow Computation Role](#) from Section 7.6, [Logical Assertion](#) from Part 2, Section 8.8, and [Interpretation](#) from Part 1, Section 9.5; generalised from ACTUS cash-flow and analytical computation material in the original FX Demo Reference Architecture.

Note

A cash-flow computation trigger does not prescribe the ACTUS library, model implementation, calculation engine, scheduler, job runner, API call, event trigger, or orchestration mechanism.

Example

An **FX Contract State** established for a validated and semantically interpreted FX transaction triggers computation of projected **FX Cash-Flow Obligations**.

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