

15.4 FX Data Representation Independence

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The FX Demo Logical Profile does not prescribe a data representation, schema language, programming-language type system, database structure, ontology language, or wire format.

An Implementation Profile / [PSM](#) selects data representation mechanisms to realise FX logical information structures. Those mechanisms include, for example, [IDL](#), Protocol Buffers, JSON Schema, XML Schema, Avro, OpenAPI schemas, UML, SysML, ontology classes, database schemas, generated language types, serialised payloads, or other formal representations.

The selected representation realises the FX logical information structure. It does not redefine the [FX Transaction Candidate](#), [FX Transaction Record](#), [FX Validation Result](#), [FX Semantic Assertion](#), [FX Contract State](#), [FX Cash-Flow Obligation](#), [FX Policy Decision](#), [FX Release Package](#), [FX Audit Record](#), [FX Provenance Record](#), [FX Node Status](#), [FX Control Command](#), [FX Command Acknowledgement](#), [FX Replay Request](#), or [FX Replay Result](#).

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