

15.4 Logical Data Structures Remain Distinct from Serialisation Formats

[Go To Top](#)

A [Logical Data Structure Definition](#) describes the structure, meaning, and constraints of an information class at the platform-independent logical level. It does not represent an IDL structure, a Protocol Buffers message, a JSON Schema definition, an XML Schema definition, an Avro schema, an OpenAPI schema, a database table, an ontology class, a generated type, a file, or a wire-format payload.

Implementation profiles select data representation mechanisms that realize [Logical Data Structure Definitions](#) and [Logical Data Structure Instances](#). The selected representation supports implementation, exchange, storage, validation, or processing. It does not redefine the logical information structure.

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