

6.4.3 Data, Structure, Semantics, and Interpretation

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The [Reference Architecture](#) SHALL define architectural separation and lifecycle governance of data, [structure](#), semantics, and interpretation.

1. Proposals SHALL describe how data, structure, semantics, and interpretation are defined as distinct but coordinated architectural concerns.
2. Proposals SHALL describe how structural artifacts are formally defined, versioned, and governed independently of implementation systems.
3. Proposals SHALL describe how semantic artifacts are formally defined, versioned, and governed independently of implementation systems.
4. Proposals SHALL describe how interpretive logic is formally defined, versioned, and governed independently of structural and semantic artifacts.
5. Proposals SHALL define architectural mechanisms that separate interpretive logic from implementation environments.
6. Proposals SHALL define architectural mechanisms that ensure interpretive outcomes are reproducible solely from explicitly versioned structural, semantic, and interpretive artifacts.

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