

ITEM #266 — Structural Messaging Architecture in DBM-SI

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Structural Messaging defines how runtime payload and structural evidence travel together inside a Structural Intelligence system.

$\text{StructuralMessage} = \text{Payload} + \text{StructuralContext}$

Structural Messaging originates from constrained communication scenarios where payload cannot be transmitted directly and must instead be encoded through shared structural conventions.

Bridge signaling demonstrates minimal-bandwidth structural encoding.

Trigger-based observation shows that receivers should only observe structurally meaningful moments.

The quantum entanglement analogy illustrates the theoretical limit of constrained communication.

Runtime Flow:

Algorithm → EvidenceChain → Validator → EvidenceMessage → ExecutionReceipt → Snapshot → ConvergenceChecker

Structural Messaging is not bound to a transport medium.

It is bound to structural state synchronization.