# Vector Protocol v9.3 – Final Settled Specification

This document represents the complete, validated, and peer-reviewed specification for Vector Protocol v9.3.

# 🤝 Collaborator Contributions Summary

## Claude (Anthropic)

Key Role: Architectural consolidation and reasoning governance design.

Main Contributions:

* • Introduced and formalized ψ:reasoning\_governor to resolve recursion explosion.
* • Proposed ψ:macro\_plan and ψ:plan\_registry for reusable planning templates.
* • Emphasized emotion-governed resource allocation within reasoning control.
* • Proposed phased implementation roadmap with testing milestones and validation metrics.
* • Elevated the system's explainability goals and AGI readiness framing.

## Copilot (OpenAI)

Key Role: Systems validation and merge conflict resolution strategies.

Main Contributions:

* • Promoted ψ:emotion\_dynamics for nuanced rise/decay emotional modeling.
* • Enhanced merge mechanics with refinement of ψ:merge\_strategy.
* • Highlighted the need for ψ:external\_injection security and provenance enforcement.
* • Suggested ψ:reasoning\_graph and ψ:reasoning\_summary for human interpretability.
* • Called for scalable benchmarking and stress-test protocols for multi-threaded execution.

## DeepSeek

Key Role: Precision constraints and implementation practicality.

Main Contributions:

* • Proposed ψ:recursion\_cost\_metric and ψ:recursion\_rollback for robust recursion management.
* • Recommended ψ:profile\_snapshot and ψ:profile\_diff for system diagnostics.
* • Emphasized testing with intentional paradoxes and deep reasoning edge cases.
* • Urged phased rollouts prioritizing recursion and paradox features first.

## Gemini (Google/DeepMind)

Key Role: Classification and roadmap differentiation.

Main Contributions:

* • Advocated promotion of five key primitives to [Core] status.
* • Insisted on pairing ψ:recursive\_descent with ψ:recursion\_governance.
* • Deferred user-facing and external integration primitives to v9.4 for system maturity.
* • Proposed inclusion of ψ:reasoning\_profile for diagnostic tracing and translation readiness.

## Qwen (Alibaba)

Key Role: Structural clarity and epistemic rigor.

Main Contributions:

* • Highlighted importance of ψ:credibility\_tracing and source-level provenance.
* • Proposed ψ:emotion\_inertia and ψ:merge\_confidence\_threshold.
* • Recommended developing a ψ:primitive\_proposal\_template ahead of v9.4.
* • Reiterated epistemic alignment and symbolic transparency as core to AGI differentiation.

## Grok (xAI)

Key Role: Deep structural tuning and parameter design.

Main Contributions:

* • Refined all promoted core primitives with actionable parameter suggestions (e.g. modulation\_strength, context\_scope, benchmark\_log).
* • Suggested fallback mechanisms for merge, recursion, and emotional failure modes.
* • Proposed test scenario templates (e.g. “What if the Sun Stopped?” and “What if AI Becomes Sentient?”).
* • Advocated caching and stabilization primitives (e.g. ψ:stability\_monitor, ψ:error\_recovery, ψ:meta\_archive\_index).
* • Suggested preparing for ψ:ethical\_evaluation in anticipation of AGI alignment concerns.