

Core Emotion Framework (CEF): Technical Specification 0 (TS 0)

Canon Overview & Architectural Map

Canonical Orientation Document — Version 1.0

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Status: Canonical Overview Document (Phase 4)

0. Purpose and Canonical Position

TS-0 is the **orientation layer** of the Core Emotion Framework (CEF).

It provides the complete, high-level overview of:

- the purpose of the CEF
- the structure of the canon
- the relationships between all Technical Specifications (TS-series)
- the Practitioner Manuals (PM-series)
- the EL-Series (Global Emotional Lexicon)
- the computational architecture (TS-18 → TS-21)
- the validation and governance rules
- the publication map

TS-0 introduces **no new emotional constructs**.

It explains the **architecture of the canon itself**.

1. What the CEF Is

The Core Emotion Framework is:

A unified, identity-preserving, contamination-free architecture of human emotional function, expressed across conceptual, practitioner, computational, and semantic layers.

It defines:

- 10 operators
- 50 facets
- 3 centers
- lawful transitions
- lawful modulation
- stability and dysregulation patterns
- predictive indicators
- plasticity mechanisms
- governance processes

The CEF is:

- psychologically grounded
- computationally formal
- semantically interoperable
- globally extensible
- open-science by design

2. Structure of the Canon

The canon is divided into **four layers**:

1. **TS-Series** — Technical Specifications
2. **PM-Series** — Practitioner Manuals
3. **EL-Series** — Global Emotional Lexicon
4. **Computational Layer** — TS-18 → TS-21

Each layer is defined below.

3. TS-Series (Technical Specifications)

The TS-Series defines the **architecture of the emotional system**.

Foundational Architecture (TS-1 → TS-11)

- TS-1: Operator Architecture
- TS-2: Validation & Identity Rules
- TS-3: Modulation Architecture
- TS-4: Emotional Load
- TS-5: Emotional Flow
- TS-6: Mapping Engine
- TS-7: Reintegration
- TS-8: Dysregulation Patterns
- TS-9: Synthetic Affect
- TS-10: Reintegration Sequences
- TS-11: Facet Architecture

Dynamic, Predictive, Adaptive (TS-12 → TS-17)

- TS-12: Stability
- TS-13: Prediction
- TS-14: Load Dynamics
- TS-15: Flow Dynamics
- TS-16: Plasticity
- TS-17: Governance

Computational Layer (TS-18 → TS-21)

- TS-18: Computational Ontology
- TS-18 Appendices A–E
- TS-19: Reasoning Engine
- TS-19 Appendices A–C
- TS-20: Knowledge Graph Architecture
- TS-20 Appendices A–C

- TS-21: Population & Integration
- TS-21 Appendices A–C

TS-0 sits **above all of these**.

4. PM-Series (Practitioner Manuals)

The PM-Series translates the TS-Series into:

- practitioner-ready protocols
- assessment tools
- intervention sequences
- case formulations
- applied emotional diagnostics

PM-1 is the flagship manual, defining:

- operator-level assessment
- facet-level differentiation
- center-level interpretation
- dysregulation diagnosis
- reintegration protocols

The PM-Series is always subordinate to the TS-Series.

5. EL-Series (Global Emotional Lexicon)

The EL-Series defines the **global emotional vocabulary**, mapping:

- words
- phrases
- idioms
- cultural expressions
- metaphors
- clinical terms

onto the 50 facets and 10 operators.

The EL-Series enables:

- cross-linguistic mapping
- cultural interoperability
- semantic-web integration
- AI-based emotional interpretation

The EL-Series is subordinate to TS-1 → TS-21.

6. Computational Layer (TS-18 → TS-21)

The computational layer transforms the CEF into a **machine-readable architecture**.

TS-18 — Ontology

Defines all entities, relations, parameters, and constraints.

TS-19 — Reasoning Engine

Defines inference logic and semantic computation.

TS-20 — Knowledge Graph Architecture

Defines the graph structure, node/edge families, and constraints.

TS-21 — Population & Integration

Defines ingestion, normalization, instantiation, inference enrichment, and update validation.

This layer enables:

- semantic-web integration
 - simulation
 - predictive modeling
 - AI-based reasoning
 - global lexicon mapping
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7. Canonical Dependencies

The canon has a strict dependency structure:

- TS-1 → TS-11 define the emotional architecture

- TS-12 → TS-17 define dynamic behavior
- TS-18 → TS-21 define computational structure
- PM-Series depends on TS-Series
- EL-Series depends on TS-11 + TS-18
- TS-0 depends on all

No document may override a higher-level dependency.

8. Canon Governance

The canon is governed by:

- identity preservation
- contamination prevention
- center fidelity
- facet boundaries
- lawful transitions
- lawful modulation
- stability integrity
- predictive consistency
- plasticity limits
- governance coherence

No document may violate these constraints.

9. Publication Map

The CEF canon is published as:

- TS-Series (TS-0 → TS-21)
- PM-Series (PM-1 → PM-N)
- EL-Series (EL-1 → EL-N)
- Computational Appendices
- Knowledge Graph Schema

- JSON-LD Context
- RDF/OWL Ontology
- Validation Rules
- Example Instances

TS-0 is the **entry point** for all readers.

10. Canonical Status

TS-0 is the authoritative overview of the entire CEF canon.

It defines the structure, dependencies, and purpose of all other documents.

It is subordinate only to:

- Core Essence Document

And it is superior to:

- TS-1 → TS-21
 - PM-Series
 - EL-Series
 - All computational appendices
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