

EL-1 v0.1 — Core English Emotional Lexicon (Seed Edition)

Core Emotion Framework (CEF)
EL-Series, Volume 1
Version 0.1 — Canonical Seed Lexicon
Status: Published (Seed Edition)

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0. Preface

EL-1 v0.1 is the seed volume of the Global Emotional Lexicon (EL-Series) of the Core Emotion Framework (CEF).

It provides a minimal, canonical set of ten high-frequency English emotional expressions, each mapped to the ten functional powers defined in TS-6.

This edition establishes:

- the **lexical schema**,
- the **mapping protocol**,
- the **representation standard**, and
- the **metadata boundary**

that all future EL-Series volumes will follow.

EL-1 is **iterative and expandable**.

This seed edition serves as the stable foundation for EL-1 v0.2 (50 terms), EL-1 v0.3 (100–150 terms), and EL-1 v1.0 (200–500 terms).

1. Scope

EL-1 v0.1 includes:

- **Language:** English

- **Register:** General usage
- **Content:** Emotional expressions only
- **Exclusions:**
 - idioms
 - metaphors
 - clinical constructs
 - technical diagnostic terms

Terms like *anxiety* are included as common emotional experiences; clinical entities (e.g., “generalized anxiety disorder”) are excluded.

2. Schema (Aligned with TS-6)

Each entry includes:

Required fields

- **Term**
- **Part of speech**
- **Plain definition**
- **Symbolic representation**
- **Vector representation** (10-element array in canonical order)

Optional metadata (non-structural)

- valence
- arousal (numeric, 0.0–1.0)
- language
- contextual notes

Canonical vector order

Sensing, Calculating, Deciding, Expanding, Constricting, Achieving, Arranging, Appreciating, Boosting, Accepting

Metadata does **not** participate in the mapping engine.

3. EL-1 v0.1 Entries (10-Term Canonical Seed)

EL-1.1 — Anger

- **Term:** anger
 - **POS:** noun
 - **Definition:** A state of boundary enforcement, opposition, and energized resistance to perceived obstruction or injustice.
 - **Symbolic:** Constricting > Boosting > Arranging > Sensing
 - **Vector:** [0.3, 0.0, 0.0, 0.1, 1.0, 0.0, 0.6, 0.0, 0.8, 0.0]
 - **Metadata:** { valence: "negative", arousal: 0.9 }
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EL-1.2 — Joy

- **Term:** joy
 - **POS:** noun
 - **Definition:** A state of energized positive engagement, openness, and appreciative connection to experience.
 - **Symbolic:** Expanding > Appreciating > Boosting > Accepting > Sensing
 - **Vector:** [0.2, 0.0, 0.0, 1.0, 0.0, 0.2, 0.1, 0.9, 0.6, 0.5]
 - **Metadata:** { valence: "positive", arousal: 0.8 }
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EL-1.3 — Fear

- **Term:** fear
 - **POS:** noun
 - **Definition:** A state of threat-focused activation, boundary tightening, and preparation for protective action.
 - **Symbolic:** Sensing > Constricting > Arranging > Boosting
 - **Vector:** [0.7, 0.0, 0.0, 0.1, 0.8, 0.0, 0.5, 0.0, 0.4, 0.0]
 - **Metadata:** { valence: "negative", arousal: 0.95 }
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EL-1.4 — Sadness

- **Term:** sadness
 - **POS:** noun
 - **Definition:** A state of loss-oriented constriction, reduced motivational drive, and inward emotional withdrawal.
 - **Symbolic:** Constricting > Accepting > Sensing
 - **Vector:** [0.3, 0.0, 0.0, 0.0, 1.0, 0.0, 0.0, 0.0, 0.1, 0.6]
 - **Metadata:** { valence: "negative", arousal: 0.2 }
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EL-1.5 — Disgust

- **Term:** disgust
 - **POS:** noun
 - **Definition:** A state of aversive distancing, boundary enforcement, and protective rejection of perceived contamination or violation.
 - **Symbolic:** Constricting > Sensing > Arranging
 - **Vector:** [0.5, 0.0, 0.0, 0.0, 1.0, 0.0, 0.4, 0.0, 0.0, 0.0]
 - **Metadata:** { valence: "negative", arousal: 0.6 }
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EL-1.6 — Surprise

- **Term:** surprise
 - **POS:** noun
 - **Definition:** A state of sudden perceptual activation, rapid updating, and momentary openness to new information.
 - **Symbolic:** Sensing > Expanding > Boosting
 - **Vector:** [1.0, 0.0, 0.0, 0.7, 0.0, 0.0, 0.0, 0.0, 0.6, 0.0]
 - **Metadata:** { valence: "mixed", arousal: 0.95 }
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EL-1.7 — Love

- **Term:** love

- **POS:** noun
 - **Definition:** A state of relational expansion, appreciative connection, and sustained motivational openness toward another.
 - **Symbolic:** Expanding > Appreciating > Accepting
 - **Vector:** [0.1, 0.0, 0.0, 1.0, 0.0, 0.0, 0.0, 0.9, 0.0, 0.8]
 - **Metadata:** { valence: "positive", arousal: 0.6 }
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EL-1.8 — Anxiety

- **Term:** anxiety
 - **POS:** noun
 - **Definition:** A state of diffuse threat anticipation, heightened vigilance, and sustained internal tension.
 - **Symbolic:** Sensing > Constricting > Boosting
 - **Vector:** [0.8, 0.0, 0.0, 0.0, 1.0, 0.0, 0.0, 0.0, 0.6, 0.0]
 - **Metadata:** { valence: "negative", arousal: 0.9 }
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EL-1.9 — Calm

- **Term:** calm
 - **POS:** noun
 - **Definition:** A state of low activation, acceptance, and stable internal regulation.
 - **Symbolic:** Accepting > Sensing
 - **Vector:** [0.2, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 1.0]
 - **Metadata:** { valence: "positive", arousal: 0.1 }
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EL-1.10 — Hope

- **Term:** hope
- **POS:** noun

- **Definition:** A state of forward-oriented openness, motivational uplift, and positive expectancy.
 - **Symbolic:** Expanding > Boosting > Accepting
 - **Vector:** [0.1, 0.0, 0.0, 1.0, 0.0, 0.0, 0.0, 0.0, 0.8, 0.6]
 - **Metadata:** { valence: "positive", arousal: 0.5 }
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4. Versioning

- **EL-1 v0.1:** Canonical seed lexicon (10 terms)
 - **EL-1 v0.2:** Expansion to 50 terms
 - **EL-1 v0.3:** Expansion to 100–150 terms
 - **EL-1 v1.0:** Full lexicon (200–500 terms)
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5. Status

EL-1 v0.1 is complete, canonical, and ready for Zenodo publication.
