

# Field Definitions — EL-1 v1.0

**Title:**

*EL-1 v1.0 — Field Definitions and Data Schema*

**Purpose:**

This document defines every field used in the EL-1 Lexicon.

It ensures clarity, reproducibility, and interoperability across research, NLP, and knowledge-graph applications.

---

## 1. term

**Type:** string

**Description:**

The English emotional noun representing the lexical entry.

This is the identity of the entry.

---

## 2. symbolicRepresentation

**Type:** ordered list of functional powers

**Description:**

A symbolic sequence describing the emotional function expressed by the term.

Each element corresponds to a CEF operator (e.g., *withdrawal*, *inhibition*, *evaluation*).

The order reflects functional priority.

---

## 3. vectorRepresentation

**Type:** list of 10 normalized floats

**Description:**

A 10-dimensional emotional vector aligned with the CEF's core operators.

Values sum to 1.0.

Used for computational modeling, similarity analysis, and embeddings.

---

## 4. mapsToFacet

**Type:** string (facet name)

**Description:**

The single facet (out of 50) that the term belongs to.

This is the primary structural anchor of EL-1.  
Facet mapping is deterministic and drift-free.

---

## 5. valence

**Type:** float (optional)

**Description:**

A non-structural metadata value indicating pleasantness/unpleasantness.  
Does not affect facet mapping.

---

## 6. arousal

**Type:** float (optional)

**Description:**

A non-structural metadata value indicating activation level.  
Does not affect facet mapping.

---

## 7. notes

**Type:** string (optional)

**Description:**

Optional clarifications, usage notes, or linguistic distinctions.

---

## 8. version

**Type:** string

**Description:**

Indicates which version of EL-1 the entry belongs to (v1.0, v0.4, etc.).

---