Overview of FrameNet

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What is FrameNet?

- Semantic role labeling project where roles are specific to frames rather than individual verbs

- **Frame:** A set of background information that unites a group of words

[Arg1 The price of hand sanitizer] increase [Arg2 500%].

[Arg1 The price of hand sanitizer] rose [Arg2 500%].

There has been a [Arg2 500%] rise in [Arg1 the price of hand sanitizer].

Frames

- Structures that define:
  - Specific **frame elements** associated with a given topic
  - Predicates that use these frame elements
- **Frame element:** A frame-specific semantic role

Attention

Definition:

This frame concerns a Perceiver's state of readiness to process and consider impressions of a Figure within a Ground. It is often unknown to the Perceiver whether or not the Figure exists within the Ground. Alternatively, the Expressor may be expressed as showing signs of the Perceiver's state of attentiveness.

Legislator tells consumers to be ALERT to dioxin levels.

They demand an ATTENTIVE gaze, a careful accounting of parts.

FEs:

Core:

Expressor [] — An entity (or event) associated with a Perceiver that gives evidence for a Perceiver's attentiveness.
Excludes: Perceiver

Figure [] — The entity that the Perceiver is specifically focussing on within the Ground.

Perceiver [] — The individual that pays attention to the Ground.
Semantic Type: Sentient

Non-Core:

Circumstances [] — The situation within which the Perceiver is alert.

Degree [] — The amount of attention that the Perceiver is paying to the Figure or Ground.
Semantic Type: Degree

Ground [] — The sensory field or subset of a sensory field that the Perceiver is attending to.

Manner [] — Any description of the event which is not covered by more specific FEs, including epistemic modification (probably, presumably, mysteriously), force (hard, softly), secondary effects (quietly, loudly), and general descriptions comparing events
Semantic Type: Manner (the same way). It may also indicate salient characteristics of a Perceiver that also affect the action (presumptuously, coldly

Frame-frame Relations:

Inherits from: State
Is Inherited by:
Perspective on:
Is Perspectivized in:
Uses:
Is Used by: Emotions_of_mental_activity, Perception_active, Searching_scenario
Subframe of:
Has Subframe(s):
Precedes:
Is Preceded by:
Is Inchoative of:
Is Causative of:
See also:

Lexical Units:

alert.a, attend.v, attention.n, attentive.a, close.a, closely.adv, ignore.v, keep an eye.v

FrameNet

Access FrameNet:
https://framenet.icsi.berkeley.edu/fndrupal/