GETTING DEEPER SEMANTICS THAN BERKELEY FRAMENet with MSFA

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Background
Adopting the (exciting) idea of Fillmore’s Frame Semantics’, FrameNet, we assume that a semantic role is a function F: x → y, where x is a collection of semantic units "St" and y is a role that all morphemes and major semantic roles for all frames evoked in a target sentence.

Motivation: Dealing with multiple, distributed frame-evocations
Frames are evoked by certain frame-evoking elements, or "events", and are themselves evoked by other events, so that a distributed frame-evocation is achieved in a “distributed” fashion. This cures for explicit specification.

Goals (and Excuses)
We are NOT trying to provide a database of semantic frames, at least for now. This is the job FrameNet is dedicated for. Our purpose is to define a workable framework for serious annotation/analysis of real texts for semantic information in terms of semantic roles. This requires the estimation of (1) how much is to be specified, and (2) what is the content of a sentence — these are NOT trivial problems at all. Specifically, we DEFINITELY need to explore into what kinds of frame-to-frame relations are required, and estimate how many of them will exist.

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