Frame semantics and the nature of language

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Semantic frames. A frame, according to Fillmore's frame semantics, describes the meaning of lexical units with reference to a structured background that motivates the conceptual roles they encode. Conceptual roles are represented with a set of slots called frame elements (FEs). The kind of language generation system discussed here consists of a language generation module that is guided by linguistic principles to map its non-linguistic input (i.e., a set of logical statements) to syntactic and semantic templates. This kind of generation system follows the approaches that have been discussed elsewhere (Reiter, 1999; Busemann and Horacek, 1998; Geldof and van de Velde, 1997; Reiter and Mellish, 1993).