



Topic:

Natural language database conversion

Description:

Minimalist Grammars are a useful, though seldom-used formalism for modeling natural language. In this framework, the syntax of a language is simulated through lists of features assigned to each word of a language. Thus, all possible sequences of words can be represented in short and flexible lexicons.

The goal of this work should be to transform a database so that it meets the research goals of the chair. To this end, an existing database is to be converted from the given formalism “Directional Minimalist Grammars” (DMG) into a more general format “Strict Minimalist Grammar” according to an algorithm provided. The second part of the work involves adding suitable semantic components to the transformed entries.

Work to be done:

- Converting a database from DMG to SMG
- Adding suitable semantic components

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