Scattered context grammars and their applications in natural language analysis
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In my presentation, I will introduce new method for natural language analysis based on scattered context grammars. This method takes inspiration from top-down analysis. This method was also implemented (in deterministic way) in my bachelor thesis. The implementation heavily relies on open-source NLTK module (compatible only with Python 2.7), which is able to parse English sentences.

The method itself, is based on creating a table containing the sequences of rules, to be used in specific order, giving us deterministic way to implement an algorithm, which accept or transform given sentence (In natural language analysis, we are of course more interested in transforming/translating the sentence, that user puts on input).

The presentation covers basic introduction to the algorithm, demonstration of program and possible use of this method in the future.