Ambiruptor: The Lexical Ambiguation Interruptor

Mid-term report

December 16, 2015

Presentation

The main objective is to produce an efficient tool that gives the correct meaning of an ambiguous text. Our tool will be based on several machine learning concepts. We are going to use annotated texts from the internet to train our tool and resolve ambiguities in texts.

Our team consists of 8 members: Boumediene Brikci Sid, Ievgeniia Oshurko, Maria Boritchev, Pierre Ohlmann, Samir Tendjaoui, Simon Mauras, Thi Xuan Vu and Victor Hublitz. The coordinators of the project are Simon Mauras and Ievgeniia Oshurko.

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Motivation

Word Sense Disambiguation is a Natural Language Processing task that lies in assignment of appropriate meaning of the word according to the given context, and its separation from other possible meanings. Possible applications of Word Sense Disambiguation:

- Machine Translation.

- Information Retrieval.

- Semantic Parsing.

- Speech Synthesis and Recognition.