Grammar formalisms
B.A. Seminar, Sommersemester 2007
References

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1 Syntax in TAG

Shieber (1985): Why use TAG? Evidence against the context-freeness of human language
Joshi et al. (1975): First article on tree-adjoining grammar.
Joshi and Schabes (1997): Introduction to tree-adjoining grammar.
Vijay-Shanker and Joshi (1988): Feature-structure based tree-adjoining grammar.

2 Linguistic phenomena in TAG

XTAG Research Group (2001): The XTAG report. Report on the XTAG grammar, more information on `http://www.cis.upenn.edu/~xtag/`.
Pollard and Sag (1994): Head-Driven Phrase Structure Grammar. Important: Chapter 3, 4 and 5.

3 Formal properties of TAG and TAG parsing

Vijayashanker (1987) and Joshi and Schabes (1997): Some properties of TAG
Shieber et al. (1995): Parsing via deduction
Joshi and Schabes (1997): An introduction to tree-adjoining grammar under various points of view. Section 10 describes parsing of TAG.
Vijay-Shanker and Joshi (1985): A CYK-like algorithm for TAG.
Schabes and Joshi (1988): An Early-like algorithm for TAG.
Nederhof (1998): LR parsing of TAGs. Example on
`http://www.sfb441.uni-tuebingen.de/emmy/parsing-seminar/`.

4 Extensions of TAG

Kroch (1989): MCTAG analysis of extraction out of complex NPs.
Kahane et al. (2000) and Nesson and Shieber (2007): Alternative analysis for extraction out of complex NPs.
Kroch and Joshi (1987): MCTAG analysis of extraposed relative clauses.
Becker et al. (1992), Becker et al. (1991), and Joshi et al. (2000): Limitations of TAG wrt. scrambling.
Frank et al. (2000): Contains hints on limitations of TAG.
Rambow (1994): On V-TAG.
Kallmeyer (2005): On SN-MCTAG.
Lichte (2007): On TT-MCTAG.

5 Comparison with other grammar formalisms

5.1 CCG

Steedman and Baldridge (2003): An unpublished tutorial paper on CCG
Steedman (2000): *The* book on CCG
Baldridge (2002): Jason Baldridge's PhD thesis on many (linguistical) aspects of CCG
Steedman (1984): Cross-serial dependencies in CCG
A link to the above tutorial paper, further references and software concerning CCG can be found on the *CCG site* at `http://groups.inf.ed.ac.uk/ccg/`, a website on CCG maintained by the University of Edinburgh.

5.2 HPSG

Pollard and Sag (1994): *The* book on Head-Driven Phrase Structure Grammar.
Müller (2007): An introduction to HPSG (in German!)

5.3 LFG

6 Pratical Sessions

6.1 The XTAG system

XTAG Research Group (2001): The XTAG report. More information and all the software used in class is available on `http://www.cis.upenn.edu/~xtag/`.

6.2 Metagrammar

Parmentier and Le Roux (2005): Presentation of Metagrammars
Parmentier et al. (2007): Extend Metagrammars to handle MCTAG.

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Parmentier, Y., Kallmeyer, L., Lichte, T., and Maier, W. (2007). XMG: eXtending MetaGrammars to MCTAG. In *Actes de l'atelier sur les formalismes syntaxiques de haut niveau, Conférence sur le Traitement Automatique des Langues Naturelles, TALN 2007*, Toulouse, France.

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