Head-Driven Phrase Structure Grammar

The handbook

Aobert D. Borsley

Jean-Pierre Koenig

Empirically Oriented Theoretical Morphology and Syntax



Empirically Oriented Theoretical Morphology and Syntax

Chief Editor: Stefan Müller

Consulting Editors: Berthold Crysmann, Laura Kallmeyer

In this series:

- 1. Lichte, Timm. Syntax und Valenz: Zur Modellierung kohärenter und elliptischer Strukturen mit Baumadjunktionsgrammatiken
- 2. Bîlbîie, Gabriela. Grammaire des constructions elliptiques: Une étude comparative des phrases sans verbe en roumain et en français
- 3. Bowern, Claire, Laurence Horn & Raffaella Zanuttini (eds.). On looking into words (and beyond): Structures, Relations, Analyses
- 4. Bonami, Olivier, Gilles Boyé, Georgette Dal, Hélène Giraudo & Fiammetta Namer. The lexeme in descriptive and theoretical morphology.
- 5. Guzmán Naranjo, Matías. Analogical classification in formal grammar.
- 6. Julia Zinova. Russian Verbal Prefixation: A Frame Semantic Analysis
- 7. Müller, Stefan, Anne Abeillé, Robert D. Borsley & Jean-Pierre Koenig. Head-Driven Phrase Structure Grammar.

ISSN: 2366-3529

Head-Driven Phrase Structure Grammar

The handbook

Edited by

Stefan Müller

Anne Abeillé

Robert D. Borsley

Jean-Pierre Koenig



Müller, Stefan, Anne Abeillé, Robert D. Borsley & Jean-Pierre Koenig (ed.). 2019. *Head-Driven Phrase Structure Grammar: The handbook* (Empirically Oriented Theoretical Morphology and Syntax). Berlin: Language Science Press.

This title can be downloaded at:

http://langsci-press.org/catalog/book/000

© 2019, the authors

Published under the Creative Commons Attribution 4.0 Licence (CC BY 4.0):

http://creativecommons.org/licenses/by/4.0/

ISBN: no digital ISBN

no print ISBNs! ISSN: 2366-3529

no DOI

ID not assigned!

Cover and concept of design: Ulrike Harbort Typesetting: Stefan Müller, Elizabeth Pankratz

Proofreading: Elizabeth Pankratz

Fonts: Linux Libertine, Libertinus Math, Arimo, DejaVu Sans Mono

Typesetting software: X¬IM¬X

Language Science Press Unter den Linden 6 10099 Berlin, Germany langsci-press.org

Storage and cataloguing done by FU Berlin



Contents

Pr	reface	V
Ac	cknowledgments	vii
Ι	Introduction	
1	Basic properties and elements Bob Borsley & Anne Abeillé	3
2	The evolution of HPSG Dan Flickinger, Carl Pollard & Tom Wasow	7
3	Formal Background Frank Richter	45
4	The nature and role of the lexicon in HPSG Anthony Davis & Jean-Pierre Koenig	67
5	HPSG in understudied languages Douglas L. Ball	115
II	Syntactic phenomena	
6	Agreement Stephen Wechsler	153
7	Case Adam Przepiórkowski	177
8	Nominal structures Frank Van Eynde	207

Contents

9	Argument structure and linking Stephen Wechsler, Jean-Pierre Koenig & Anthony Davis	247
10	Constituent order Stefan Müller	289
11	Clitics Berthold Crysmann & Gerald Penn	335
12	Complex predicates Danièle Godard & Pollet Samvelian	337
13	Control and raising Anne Abeillé	373
14	Unbounded Dependencies Robert D. Borsley & Berthold Crysmann	375
15	Relative Clauses in HPSG Doug Arnold & Danièle Godard	419
16	Island phenomena and related matters Rui Chaves	479
17	Coordination Anne Abeillé & Rui P. Chaves	533
18	Idioms Manfred Sailer	581
19	Negation Jong-Bok Kim	615
20	Ellipsis Joanna Nykiel & Jong-Bok Kim	647
21	Anaphoric Binding António Branco	675

Ш	Other levels of description	
22	Morphology Berthold Crysmann	731
23	Semantics Jean-Pierre Koenig & Frank Richter	733
24	Information structure Kordula De Kuthy	773
IV	Other areas of linguistics	
25	Diachronic syntax Ulrike Demske	811
26	Acquisition Jonathan Ginzburg	837
27	Processing Tom Wasow	839
28	Computational linguistics and grammar engineering Emily M. Bender & Guy Emerson	861
29	Grammar in dialogue Andy Lücking, Jonathan Ginzburg & Robin Cooper	907
30	Sign languages Markus Steinbach & Anke Holler	953
31	Gesture Andy Lücking	955
V	The broader picture	
32	HPSG and Minimalism Robert D. Borsley & Stefan Müller	1007∎

Contents

33	HPSG and Categorial Grammar Yusuke Kubota	1081
34	HPSG and Lexical Functional Grammar Doug Arnold	1139
35	HPSG and Dependency Grammar Dick Hudson	1141
36	HPSG and Construction Grammar Stefan Müller	1185
nd	leves	1239

Preface

Acknowledgments

Part I Introduction