Head-Driven Phrase Structure Grammar

The handbook

Edited by

Jean-Pierre Koenig Valching

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.). 2020. *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

© 2020, 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	eface	v
Ac	cknowledgments	vii
Ι	Introduction	
1	Basic properties and elements Anne Abeillé & Bob Borsley	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	81
5	HPSG in understudied languages Douglas L. Ball	129
II	Syntactic phenomena	
6	Agreement Stephen Wechsler	167
7	Case Adam Przepiórkowski	191
8	Nominal structures Frank Van Eynde	221

Contents

9	Argument structure and linking	
	Stephen Wechsler, Jean-Pierre Koenig & Anthony Davis	261
10	Constituent order Stefan Müller	311
11	Clitics Berthold Crysmann & Gerald Penn	357
12	Complex predicates Danièle Godard & Pollet Samvelian	359
13	Control and Raising Anne Abeillé	419
14	Unbounded Dependencies Robert D. Borsley & Berthold Crysmann	453
15	Relative clauses in HPSG Doug Arnold & Danièle Godard	507
16	Island phenomena and related matters Rui Chaves	569
17	Coordination Anne Abeillé & Rui P. Chaves	623
18	Idioms Manfred Sailer	673
19	Negation Jong-Bok Kim	707
20	Ellipsis Joanna Nykiel & Jong-Bok Kim	739
21	Anaphoric Binding Stefan Müller & António Branco	767

Ш	Other levels of description	
22	Morphology Berthold Crysmann	823
23	Semantics Jean-Pierre Koenig & Frank Richter	871
24	Information structure Kordula De Kuthy	911
IV	Other areas of linguistics	
25	Processing Tom Wasow	949
26	Computational linguistics and grammar engineering Emily M. Bender & Guy Emerson	971
27	Grammar in dialogue Andy Lücking, Jonathan Ginzburg & Robin Cooper	1017
28	Sign languages Markus Steinbach & Anke Holler	1063
29	Gesture Andy Lücking	1065
V	The broader picture	
30	HPSG and Minimalism Robert D. Borsley & Stefan Müller	1117
31	HPSG and Categorial Grammar Yusuke Kubota	1191
32	HPSG and Lexical Functional Grammar Stephen Wechsler & Ash Asudeh	1251

Contents

33	HPSG and Dependency Grammar Dick Hudson	1291
34	HPSG and Construction Grammar Stefan Müller	1337
Ind	dexes	1391

Preface

Acknowledgements

Frank Richter, Bob Levine

Acknowledgments

Part I Introduction