

# Minimalist construction grammar

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## 1. Setting the stage

- (1) Construction Grammar (Goldberg 2006, Croft 2001)
  - analysis: “All levels of grammatical analysis involve constructions: learned pairings of form [and meaning]” (Goldberg 2006:5)  
“Constructions are the basic units of syntactic representation” (Croft 2001:4)
  - acquisition: “Constructions are understood to be learned on the basis of the input and general cognitive mechanisms” (Goldberg 2006:12)
- (2) Minimalist (generative) grammar
  - analysis: “A key component of [the faculty of language] is a computational system that generates internal representations and maps them into the sensory-motor interface by the phonological system, and into the conceptual-intentional interface by the (formal) semantic system.” (Hauser et al 2002:1571)
  - acquisition: application of the computational system to learned items (words); setting parameters in structure-to-order mapping and other spell-out rules (morphology)
- (3) Main difference: usage based learning vs. innateness (not discussed today)
- (4) Towards a reconciliation:
  - a. minimalist approach to constructions: what is the structure of constructions?
  - b. constructionist approach to minimalism: what is a construction in minimalist grammar?

## 2. Constructions and derivations

- (5) Catalogue of constructions (Goldberg 2006:5)

	<b>filled</b>	<b>partially filled</b>	<b>schematic</b>
morpheme	<i>-ing</i>		
word	<i>avocado</i>		
complex word	<i>daredevil</i>	N-s	
idiom	<i>going great guns</i>	<i>jog X's memory</i>	
covariated		<i>the Xer the Yer</i>	
ditransitive			Subj V IO DO

- (6) “All verbs are to some extent phrasal idioms, that is, syntactic structures that must be learned as the conventional ‘names’ for various dynamic events.” (Hale & Keyser 1993:96)

- (7) Lexical decomposition: a verb is the result of **conflation** of various elements in a syntactic structure (acategorical root, agentive element, phrase structural head)
- (8) Opposition between **words** and **phrases** is artificial
- (9) Ultimately: a lexical item is defined relative to a derivation, i.e. a single element within a single numeration
- (10) NUMERATION > DERIVATION > INTERFACES  
*list of items*            *merge items*            *spell-out*
- (11) A construction is an item in a numeration N,  
**which may be the output of a previous derivation**  
and therefore shows a) regular structure  
b) idiosyncratic sound-meaning properties  
c) opacity in the context of the derivation building on N

### 3. Constructions are real

- (12) a. hij is **een beetje** ziek                    *een beetje*: formally NP, used as Degree element  
he is a little bit sick
- b. hij eet altijd **van die** koekjes            *van die X*: formally PP, used as Determiner  
he eats always of those cookies = that familiar type cookies
- c. een **bij de hand**-e knaap                    *bij de hand*: formally PP, used as Adjective  
a by the hand guy = smart guy
- d. een **verre van** eenvoudige oplossing    *verre van X*: formally AP, used as Neg-Det  
a far from simple solution

- (13) intuitive criteria for distinguishing words and phrases

	<i>word</i>	<i>phrase</i>	<i>een beetje</i>	<i>van die</i>	<i>bij de hand</i>	<i>verre van</i>
a.	atomic	molecular	both	both	both	both
b.	meaning opaque	meaning transparent	both	word	word	both
c.	formed in morphology	formed in syntax	phrase	phrase	phrase	phrase
d.	learned	created	word	word	word	word
e.	paradigm	no paradigm	phrase	phrase	word	phrase
f.	contiguous	separable	phrase	word	word	word
g.	no internal movement	internal movement	word	word	word	word
h.	integrity	no integrity	word	word	word	word
i.	word-level prosody	clause-level prosody	phrase	phrase	phrase	both
j.	construction obscure	construction clear	phrase	word	phrase	phrase

- (14) Every numeration has **structured items**



