Complications of complex left branches: Some observations on Dutch derived verbs

Anne-Li Demonie

Masaryk University

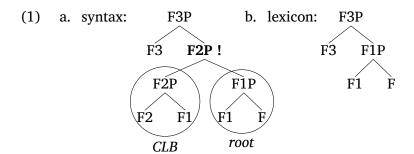
NanoDays 07.02.2024

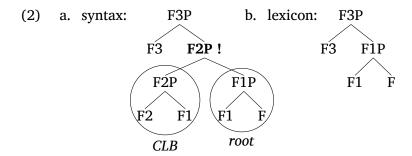
Introduction

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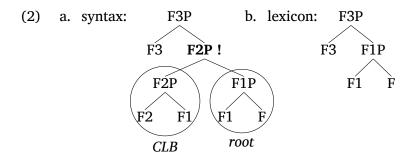
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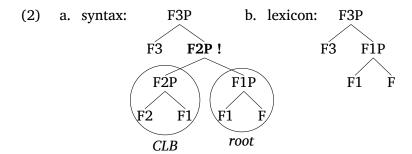




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- ▶ F2 prevents the lexical item from lexicalising F3

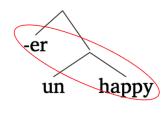
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(4)

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Aims

▶ Present a case study of Dutch derived verbs

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- Present a case study of Dutch derived verbs
- Discuss 3 solutions within this paradigm, using the tools available in Nanosyntax

Dutch derived verbs

Move the prefix

Pointers

Multiple Merge

Conclusion

Derived verbs

- Zero conversion
- Suffixation
- Prefixation

Derived verbs

- ► Zero conversion
- **▶** Suffixation
- Prefixation

PFX	BAS	SE .	GLOSS	VERB	GLOSS
	Α	breed	'wide'	ver-breed-(en)	'widen'
ver-	N	vel	'skin'	ver-vell-(en)	'molt'
	V	doe-n	'do'	ver-doe-(n)	'waste'
	Α	vuil	'dirty'	be-vuil-(en)	'dirty'
be-	N	bos	'forest'	be-boss-(en)	'afforest'
	V	giet-(en)	'pour'	be-giet-(en)	'water'
	Α	hard	'hard'	ont-hard-(en)	'soften'
ont-	N	bos	'forest'	ont-boss-(en)	'deforest'
	V	vriez-(en)	'freeze'	ont-vriez-(en)	'unfreeze'
P-	Α	slank	'slim'	af-slank-(en)	'slim'
	N	burger	'citizen'	in-burger-(en)	'integrate'
	V	gooi-(en)	'throw'	in-gooi-(en)	'throw in'

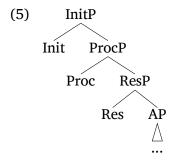
BASE	GLOSS	VERB	GLOSS
heilig	'holy'	ont-heilig	'desecrate'
groen	'green'	ont-groen	'haze'
zilt	'salty'	ont-zilt	'desalinate'
rond	'round'	ont-rond	'unround'
menselijk	'humane'	ont-menselijk	'dehumanise'

V

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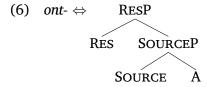


Prefix

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Source

- (7) a. Het volk onttroont de koning. 'The people dethrones the king.'
 - b. The $king_F$ is being removed *from* the throne_G. (ablative)
- (8) a. Het bedrijf ontbost het Amazonewoud. 'The company deforests the Amazone.'
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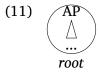
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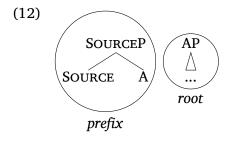
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 - (9) a. Het Gentse Milieufront onthardt de voetpaden. 'The Ghent Environmentfront softens the pavements'
 - b. The pavements_F are changed from being hard_G (to being soft).

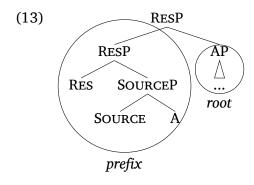
Res

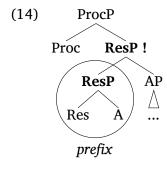
- (10) a. Zijn wangen kleurden rood 'His cheeks coloured red'
 - b. *Zijn wangen ontkleurden bleek 'His cheeks decoloured pale'
 - c. *Men onthardde de voetpaden zacht 'They un-hardened the pavements soft'

Derivation









Dutch derived verbs

Move the prefix

Pointers

Multiple Merge

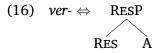
Conclusion

Vanden Wyngaerd et al. (2022)

(15) De bloemen zijn (*kapot) ver-droogd. the flowers are broken PFX-dry-ptcpl 'The flowers have dried up'

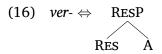
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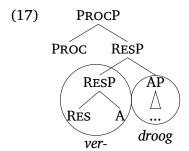
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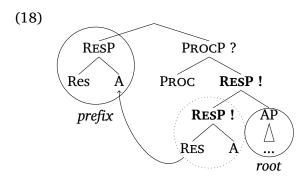


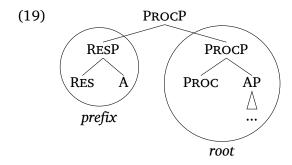


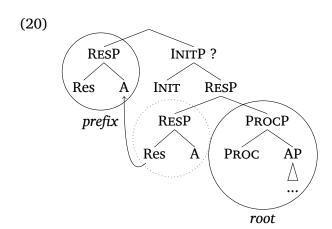
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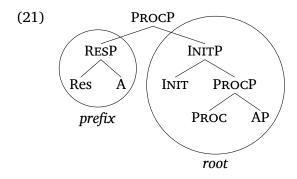
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- Syncretic verb forms

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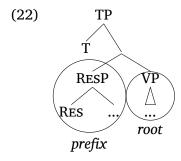
PRESENT	PAST	GLOSS
ont-loop	ont- liep	'avoid'
ont-neem	ont- nam	'take away'
ont-doen	ont- deed	'undo'
ont-gaan	ont- ging	'elude'

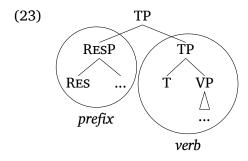
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► The root is updated at Tense, meaning T and V again need to form a constituent to the exclusion of *ont*-





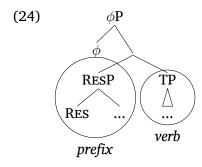
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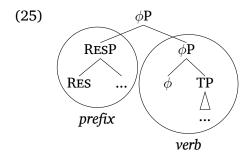
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Syncretisms

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	ontgroen	onthard	ontnam
1	ontgroen	onthard	ontnam
2	ontgroen-t	onthard-?	ontnam
3	ontgroen-t	onthard-?	ontnam





Contra movement:

- Projecting complex left branches cannot be moved out without altering the fseq
- **...**

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"Ont- [ont] is a Germanic prefix that derives verbs from other verbs, nouns or adjectives. This process is productive for nouns, **though not for verbs or adjectives.**"

(Taalportaal)

► Low/non-productivity of *ont*-

"The strongest argument for a denominal analysis is the consideration that **deverbal derived** *ont*-verbs are unproductive in general."

(translated from Baayen 1990)

► Low/non-productivity of *ont*-

"Un- also occurs in derivations that have the meaning in (4) [e.g. loss: unbalance, unriddle, unsex], but definitely not as productively. This is in stark contrast to Dutch and German, where (4) forms the productive group."

(translated from Hendriks et al. 1994)

► Counterexamples are attested, however (especially in creative contexts):

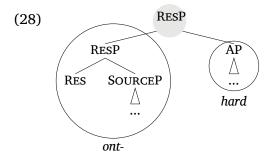
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BASE	GLOSS	VERB	GLOSS
N vriend	'friend'	ont-vriend	'unfriend'
N boek	'book'	ont-boek	'get rid of books'
V volg	'follow'	ont-volg	'unfollow'
V kook	'cook'	ont-kook	'uncook'
A lelijk	'ugly'	ont-lelijk	'make not ugly'

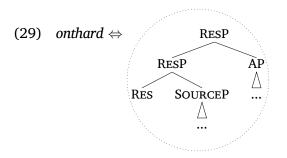
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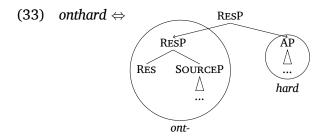


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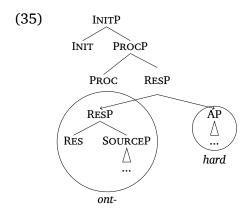
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BASE	GLOSS	VERB	GLOSS
V moet	'must'	ont-moet	'meet'
V goochel	'perform magic'	ont-goochel	'disappoint'
V breek	'break'	ont-breek	'lack'
V werp	'throw'	ont-werp	'design'

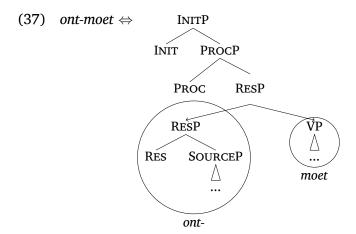
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?/A ferm	'?/solid'	(zich) ont-ferm	'care out of pity'
? beer	' ?'	ont-beer	'endure'

► Following the example in (10), the lexical item for a lexicalised verb will also look like this:

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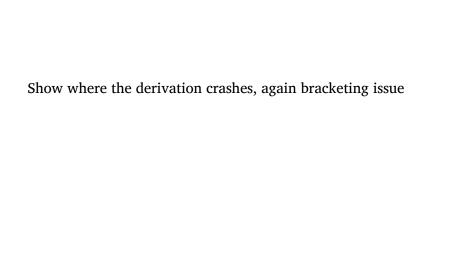
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Russian dative

NOM	pjat'-ø	stol- ov
ACC	pjat'-ø	stol- ov
GEN	pjat'-i	stol- ov
DAT	pjat'-i	stol- am



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(39) Multiple Merge When backtracking reopens multiple workspaces, merge F in each workspace.

Show how this works

Other outcomes of Multiple Merge:

- Lexicalise F only in the complex left branch (numeral marking only)
- Lexicalise F in both the complex left branch and the main spine (concord)
- Lexicalise F only in the main derivation
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Show what this means for ont-verbs

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1. Movement (spec)

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But none of these solutions solve everything and they each have their own challenges Thank you!

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