

Syntax

Pavel Caha

8 Nov 2021

Recap

Choosing between head-movement and affix hopping

Expletive insertion in more detail

Using an existing host

Sub-Strategy I: Affix Hopping

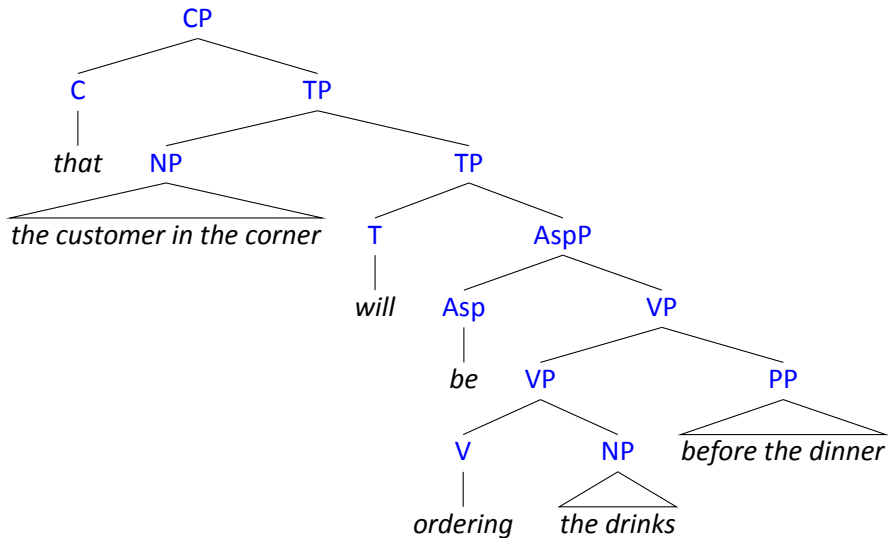
Using an existing host

Sub-Strategy I: Affix Hopping

Czech

Selecting the host

Question formation



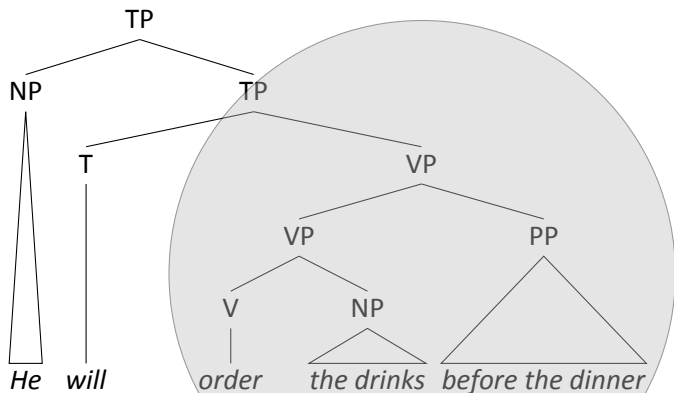
- (1)
- VP → describe an event
 - AspP → perspective: event seen from inside/outside
 - TP → anchor it in time with respect to the speech time
 - CP → the anchored event is a fact/wish/query/condition

ellipsis

- (2) A: The customer in the corner will order the drinks before the meal.
- (3) B: Actually, I wouldn't be so sure that he will —.

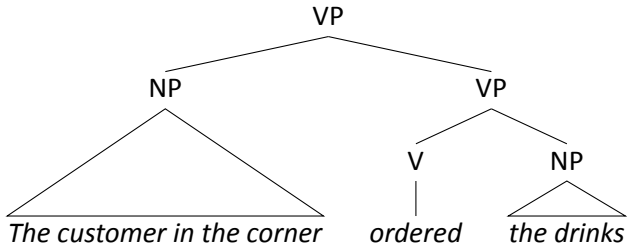
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- (2) A: The customer in the corner will order the drinks before the meal.
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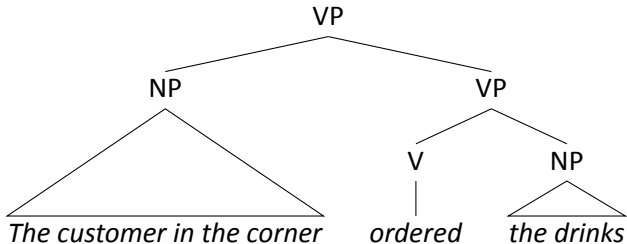


(4) A: The customer in the corner order-ed the drinks.

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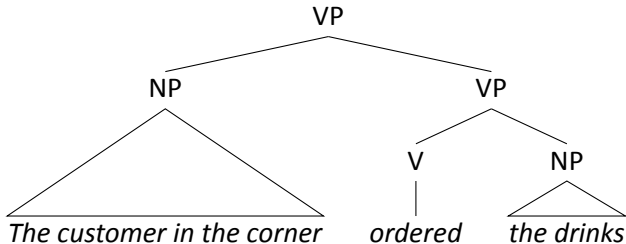


(4) A: The customer in the corner order-ed the drinks.



(5) B: *Actually, I wouldn't be so sure that he —.

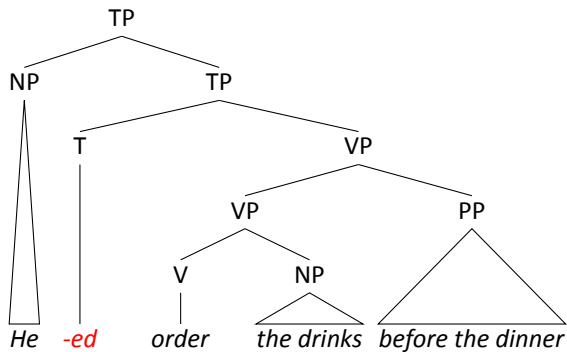
(4) A: The customer in the corner order-**ed** the drinks.



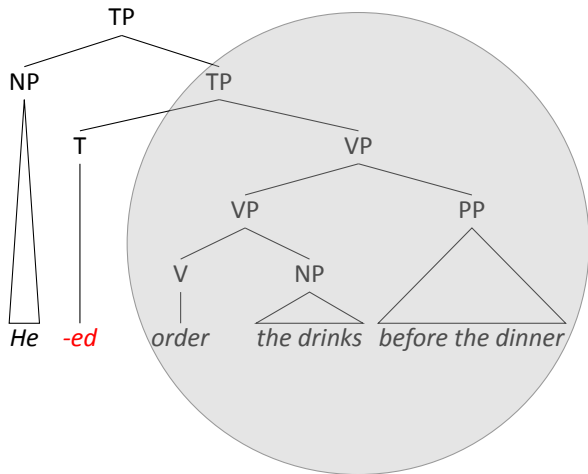
(5) B: *Actually, I wouldn't be so sure that he —.

(6) B: Actually, I wouldn't be so sure that he **did** —.

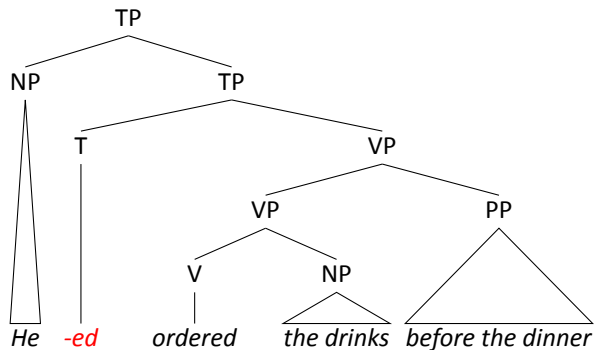
The sentence always has V and T



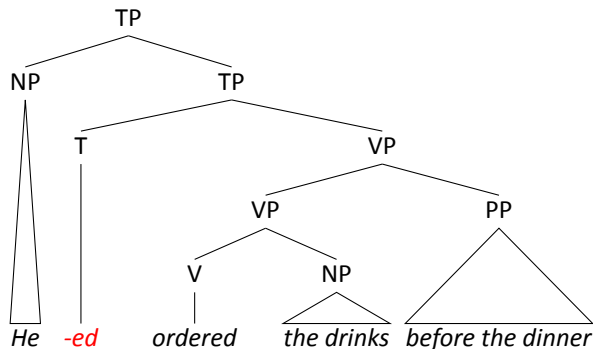
The sentence always has V and T



How are affixes treated by the grammar?

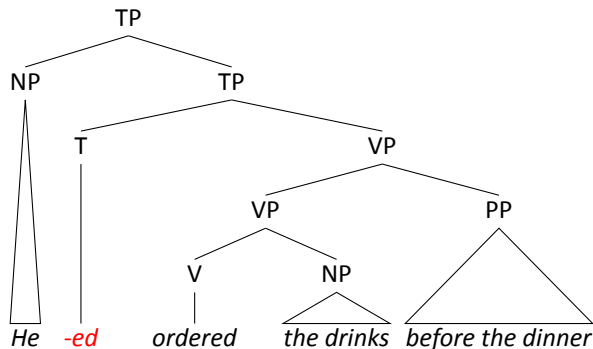


How are affixes treated by the grammar?



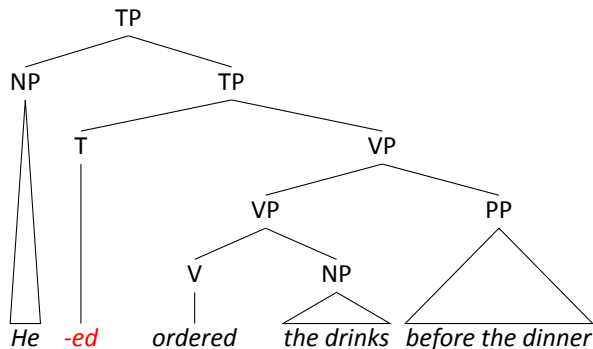
- (7) When a head is expressed by an affix, syntax must provide a host for that affix.

How are affixes treated by the grammar?



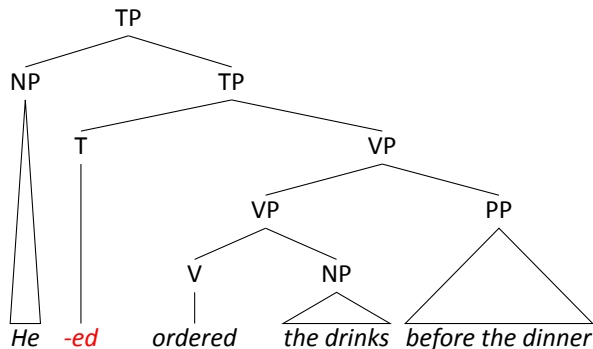
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- Strategy 1: insert an expletive

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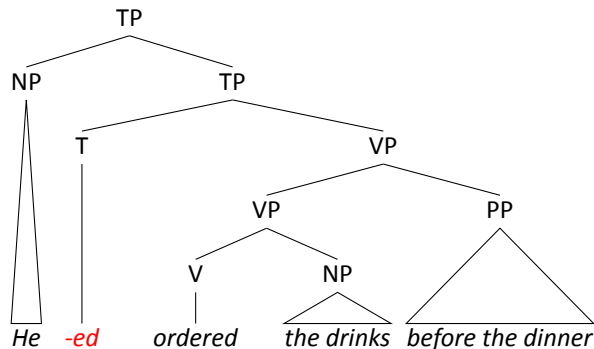
- (7) When a head is expressed by an affix, syntax must provide a host for that affix.
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He **d**-**ed** order the drinks.

How are affixes treated by the grammar?



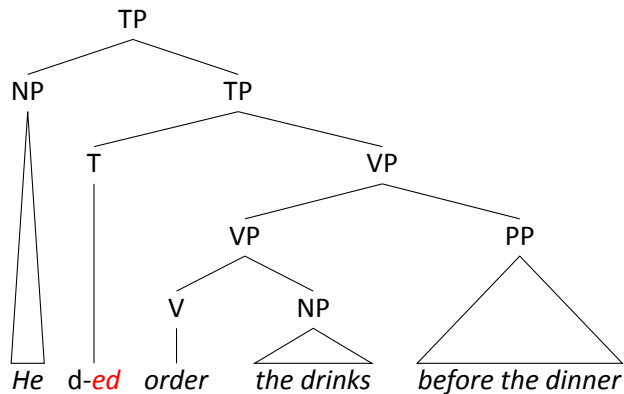
- (7) When a head is expressed by an affix, syntax must provide a host for that affix.
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How are affixes treated by the grammar?

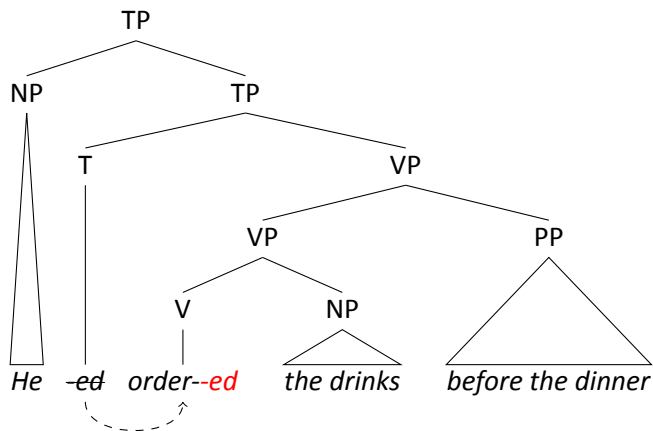


- (7) When a head is expressed by an affix, syntax must provide a host for that affix.
- Strategy 1: insert an expletive
He **d**-**ed** order the drinks.
 - Strategy 2: use an existing host
He **order**-**ed** the drinks.

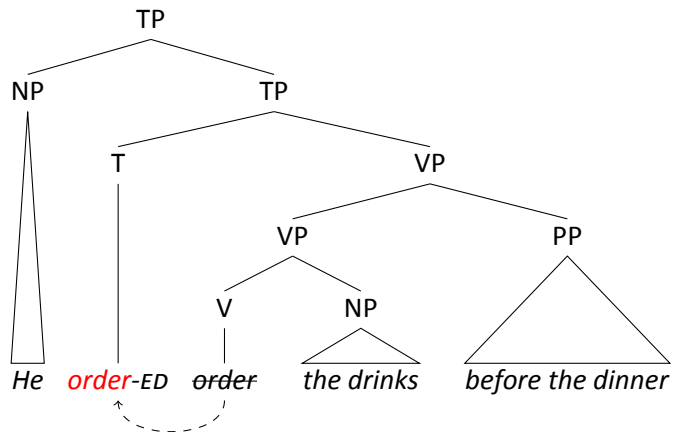
Rescue 1: Expletive insertion



Rescue 2a: Affix Hopping



Rescue 2b: Head movement



Recap

Choosing between head-movement and affix hopping

Expletive insertion in more detail

Using an existing host

Sub-Strategy I: Affix Hopping

Using an existing host

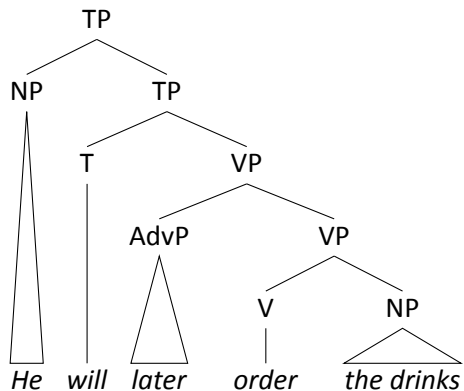
Sub-Strategy I: Affix Hopping

Czech

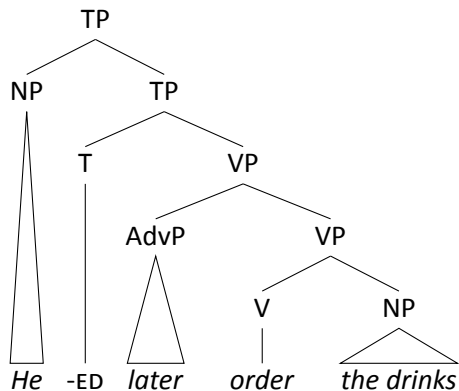
Selecting the host

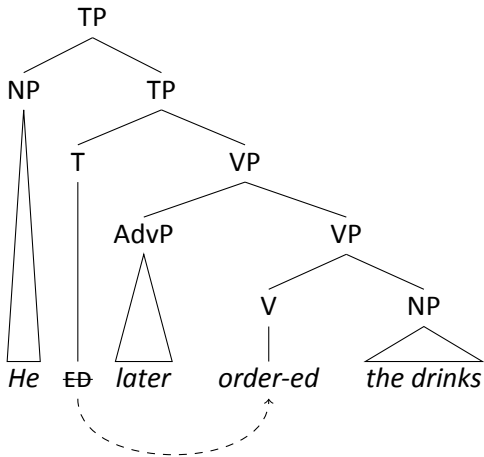
Question formation

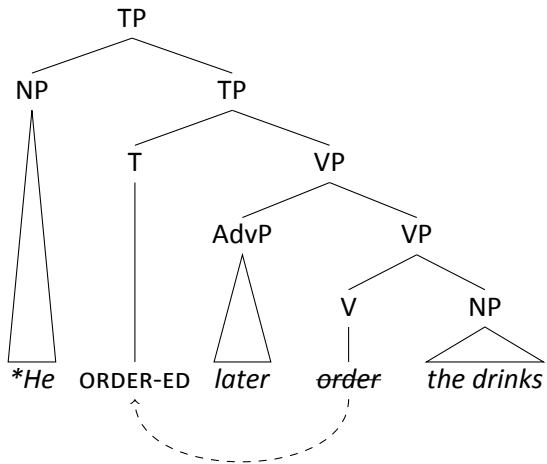
Introducing an adverb



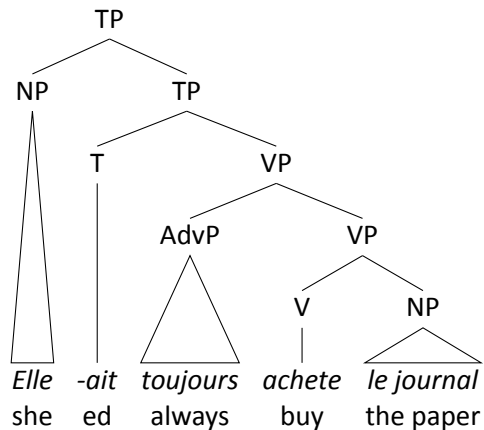
Adverb and lowering

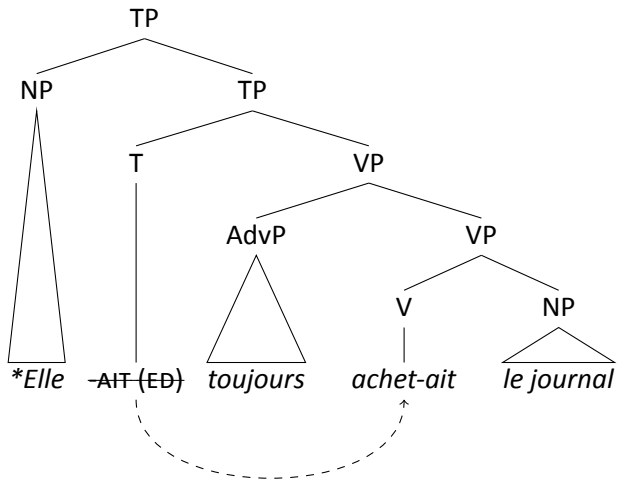


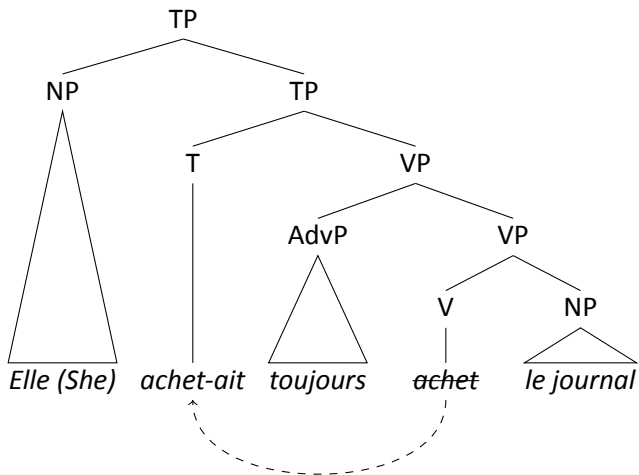




French







Summary

(8) When a head is an affix...

Summary

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 - a. Rescue 1: insert an expletive

Summary

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 - a. Rescue 1: insert an expletive
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 - (i) move the affix = affix hopping

Summary

- (8) When a head is an affix...
 - a. Rescue 1: insert an expletive
 - b. Rescue 2: move something
 - (i) move the affix = affix hopping
 - (ii) move the host = head movement

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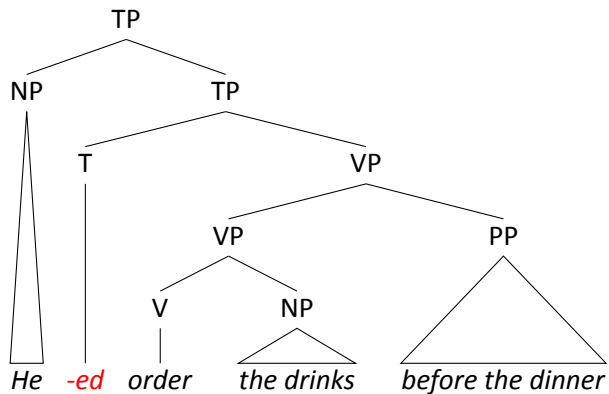
Sub-Strategy I: Affix Hopping

Czech

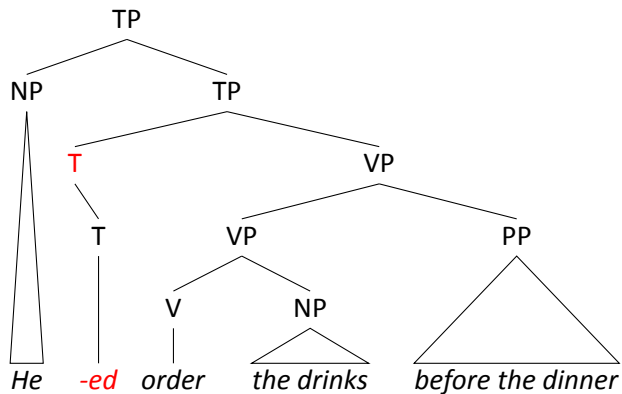
Selecting the host

Question formation

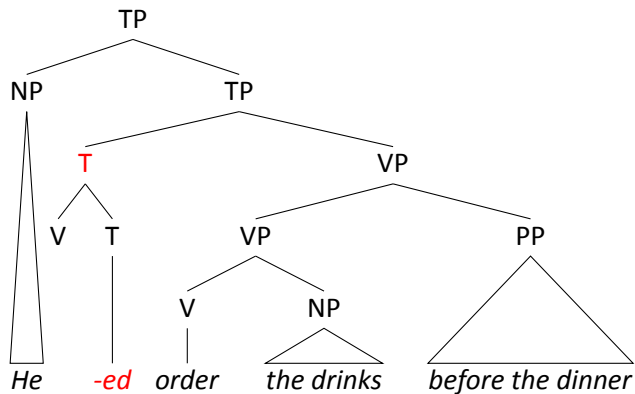
Do-support



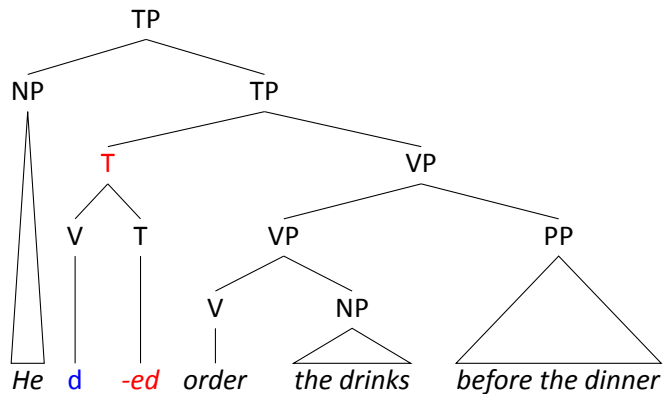
Do-support



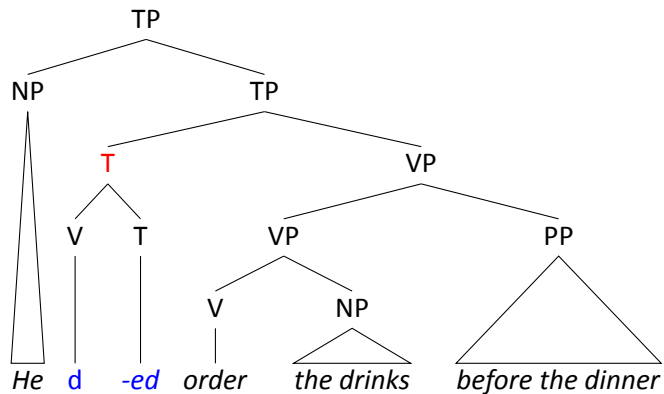
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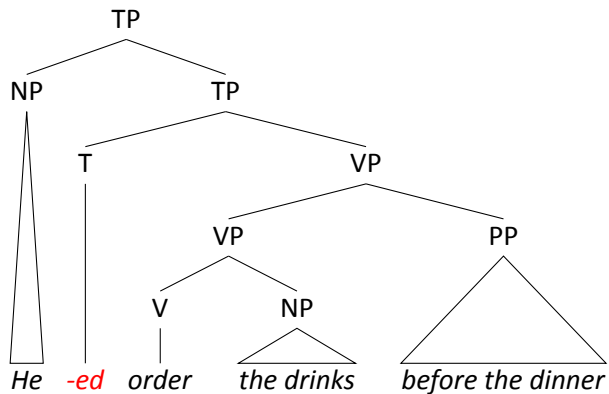
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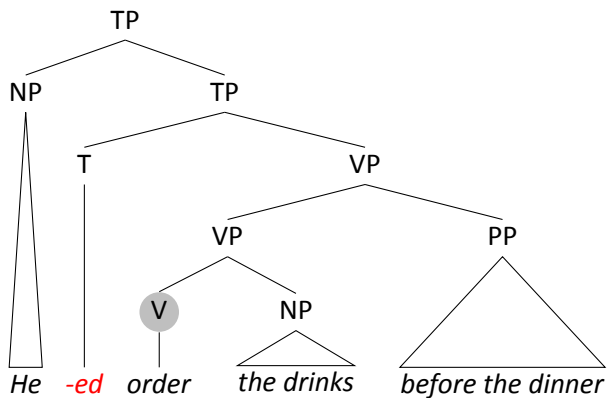
Selecting the host

Question formation

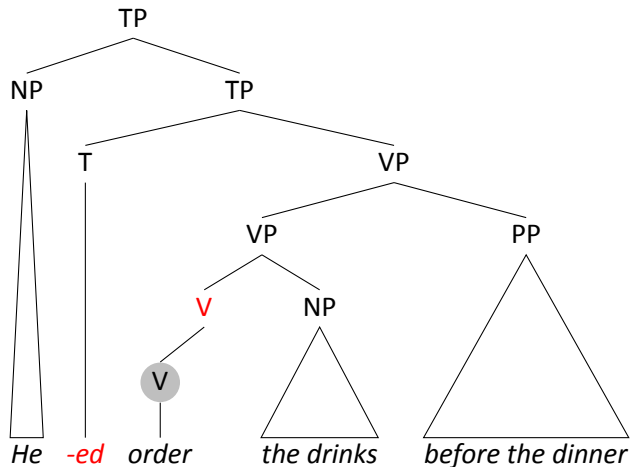
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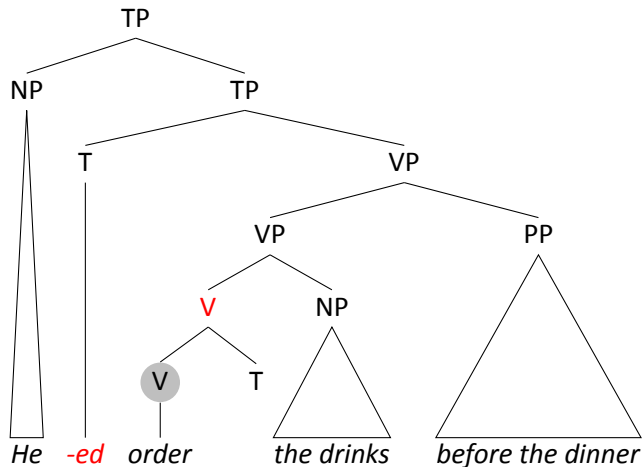
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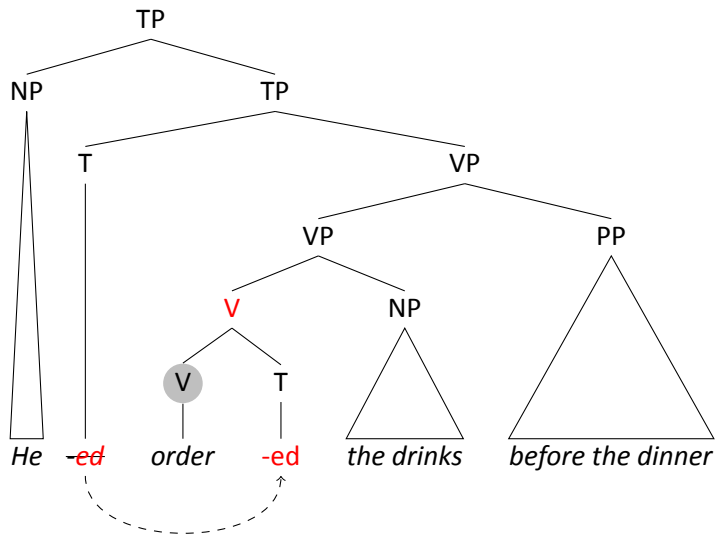
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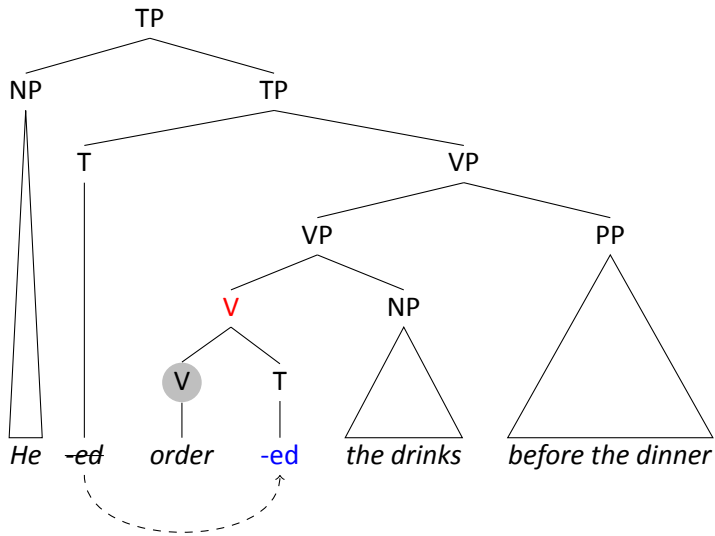
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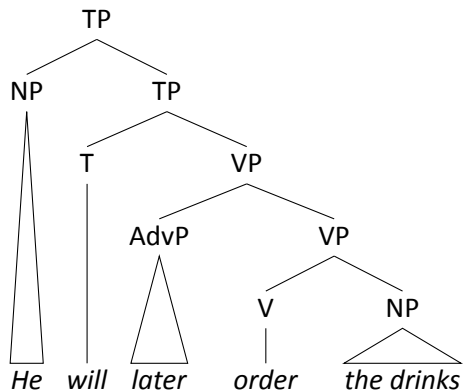
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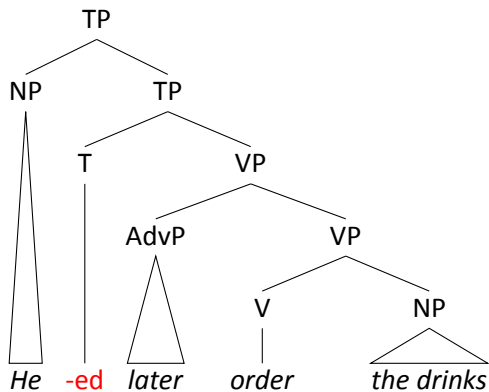
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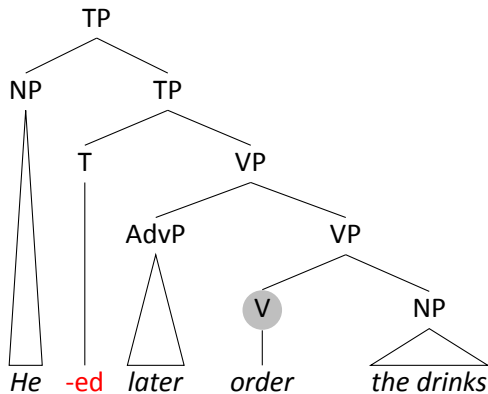
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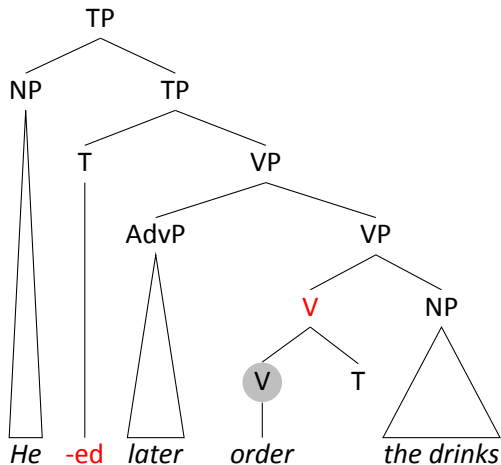
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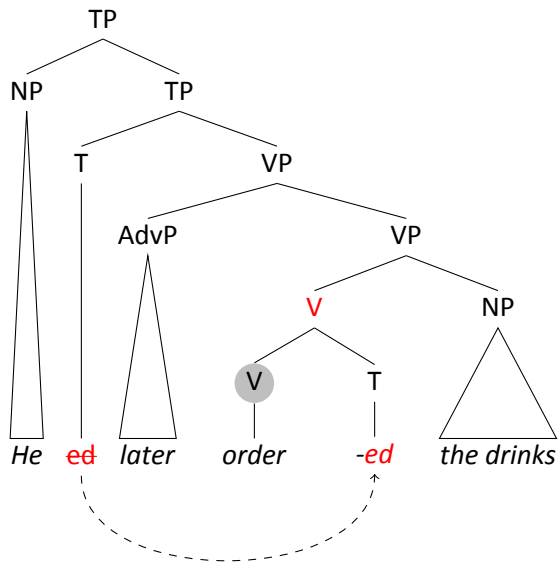
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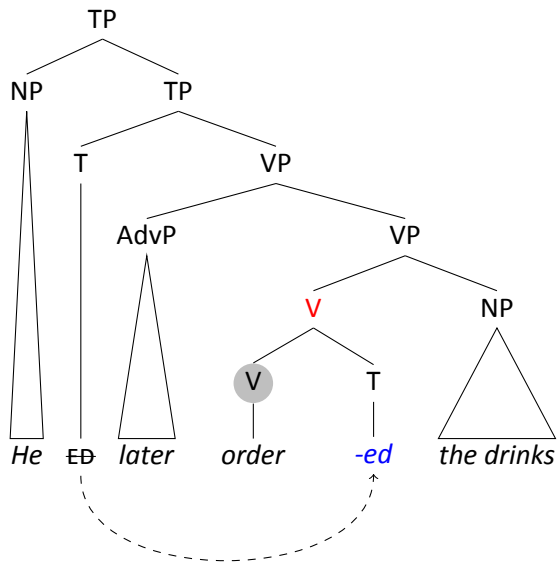
Adverb and affix hopping



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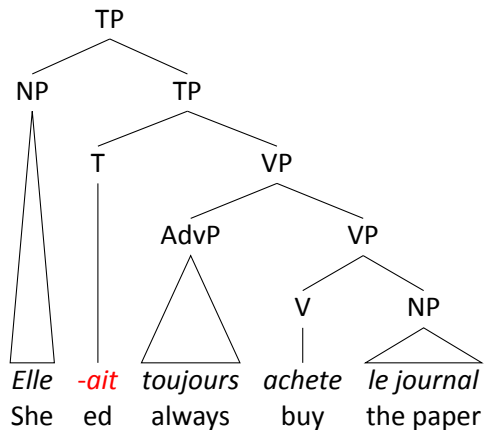
Sub-Strategy I: Affix Hopping

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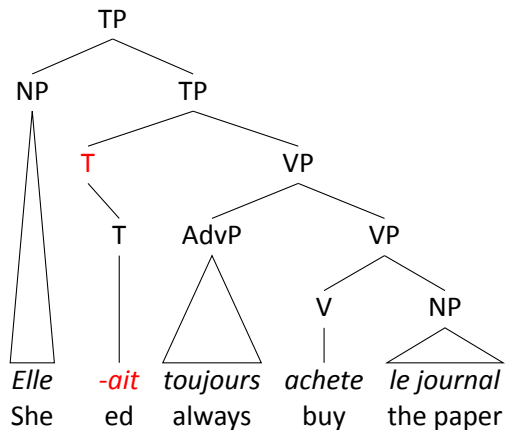
Selecting the host

Question formation

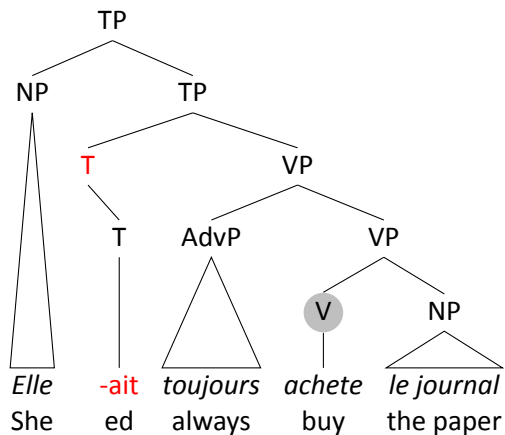
Sub-strategy II: Head movement



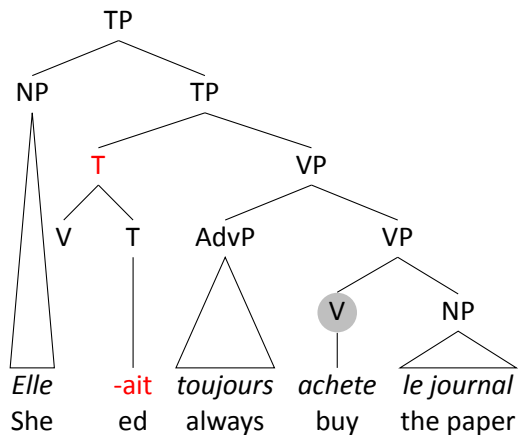
Sub-strategy II: Head movement



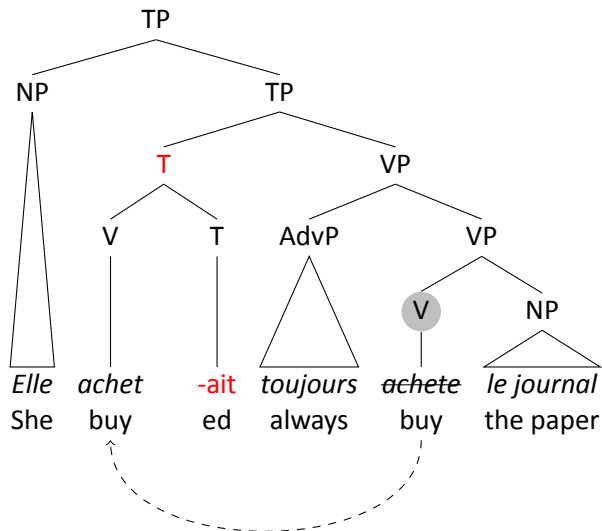
Sub-strategy II: Head movement



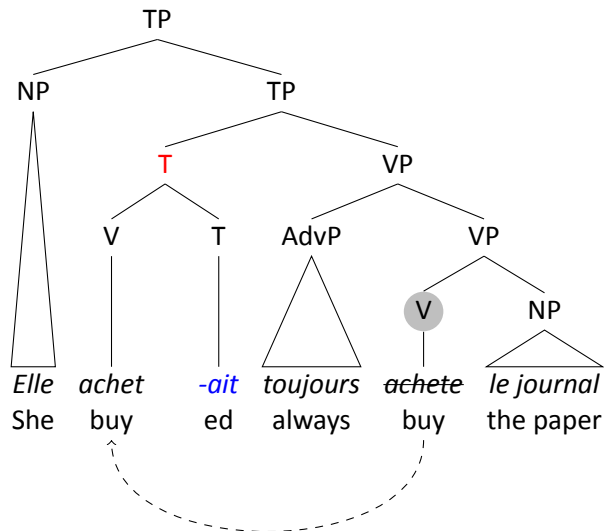
Sub-strategy II: Head movement



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Sub-Strategy I: Affix Hopping

Using an existing host

Sub-Strategy I: Affix Hopping

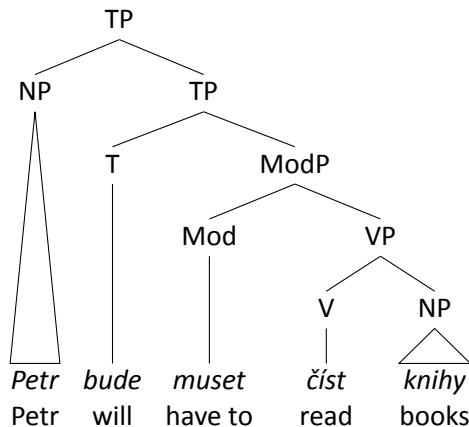
Czech

Selecting the host

Question formation

Future tense

- (9) Petr bude muset číst knihy.
Petr will have.to read books

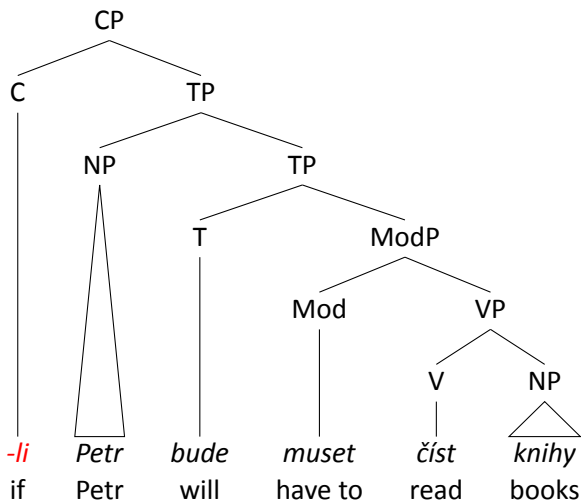


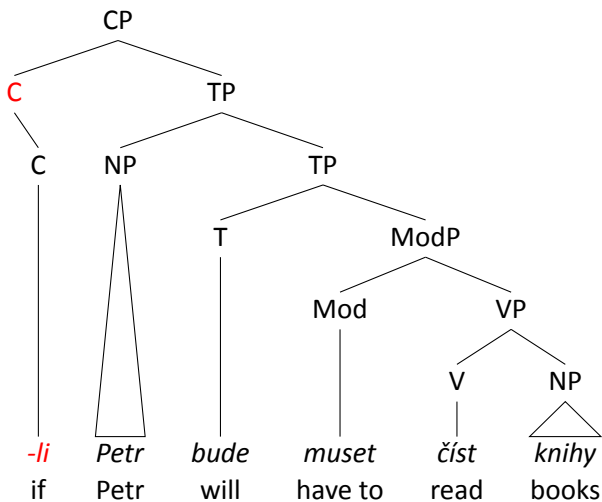
(10) Conditional

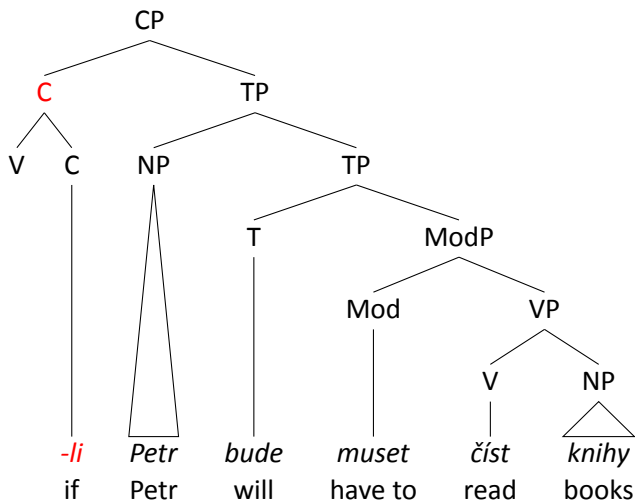
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be -IF Petr have.to-INF read-INF books
'if Petr reads books, ...'

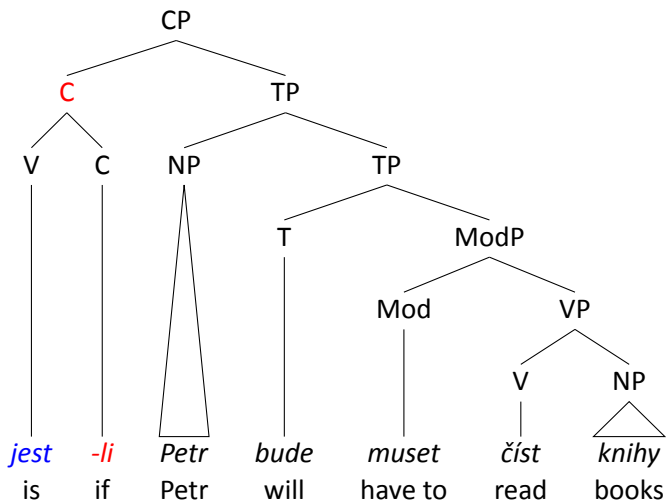
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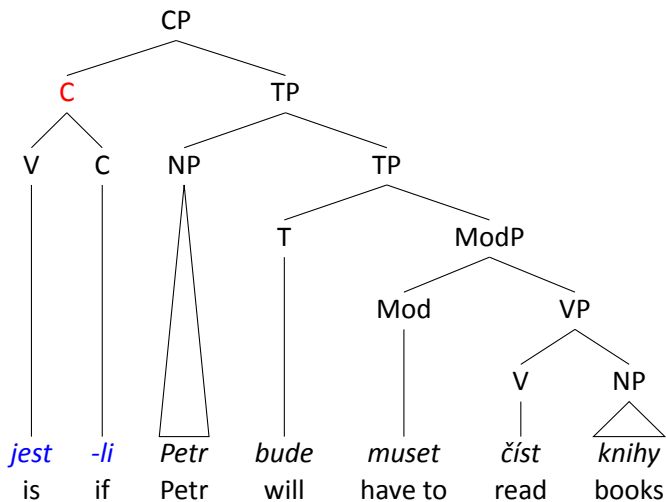
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'if Petr reads books, ...'
- b. **Bude -li** Petr muset číst knihy, ...
will -IF Petr have.to read books











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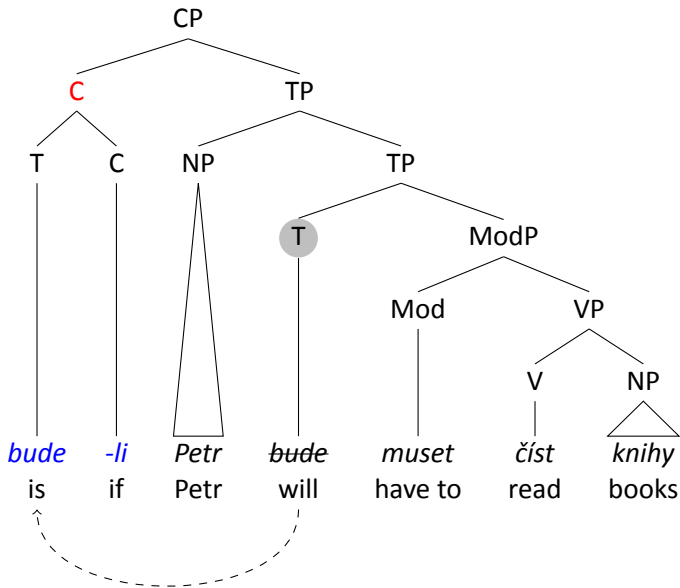
Using an existing host

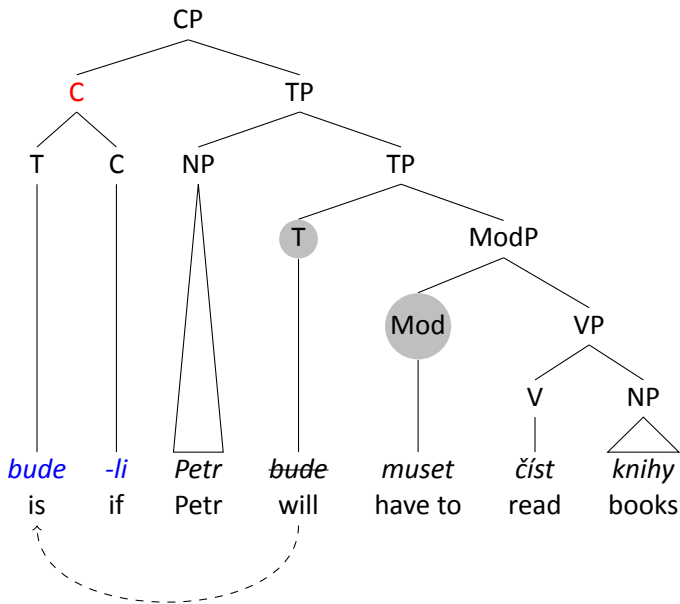
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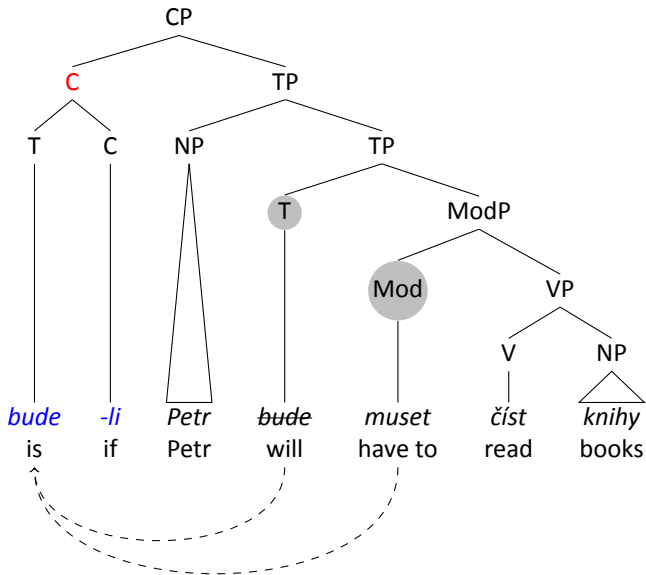
Czech

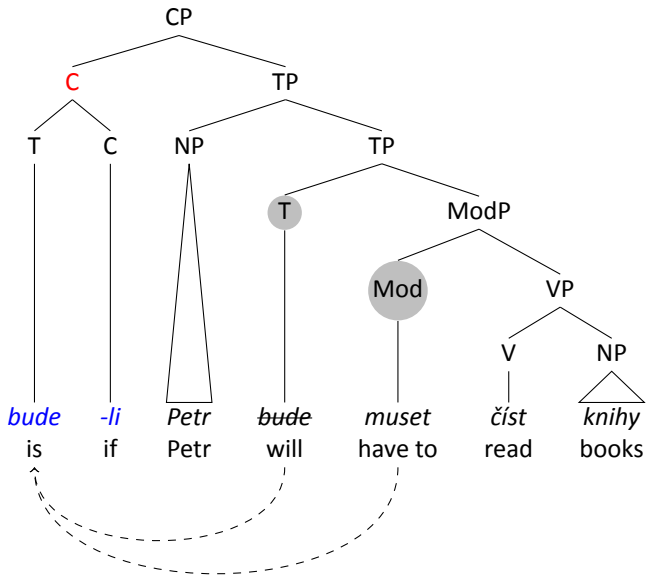
Selecting the host

Question formation

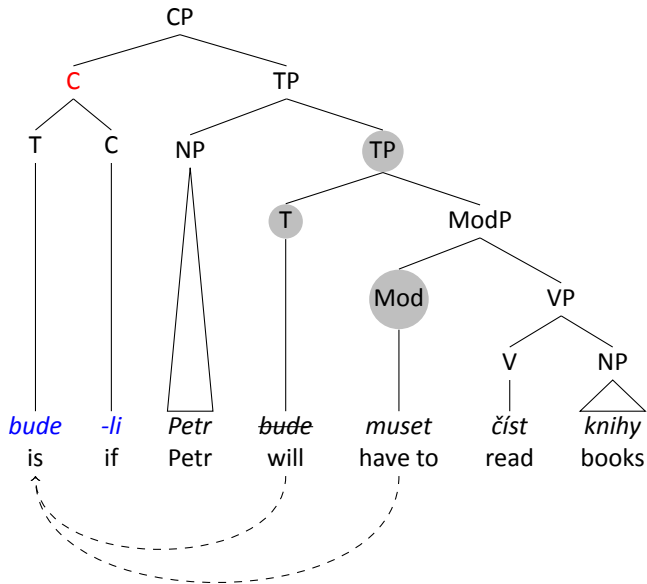


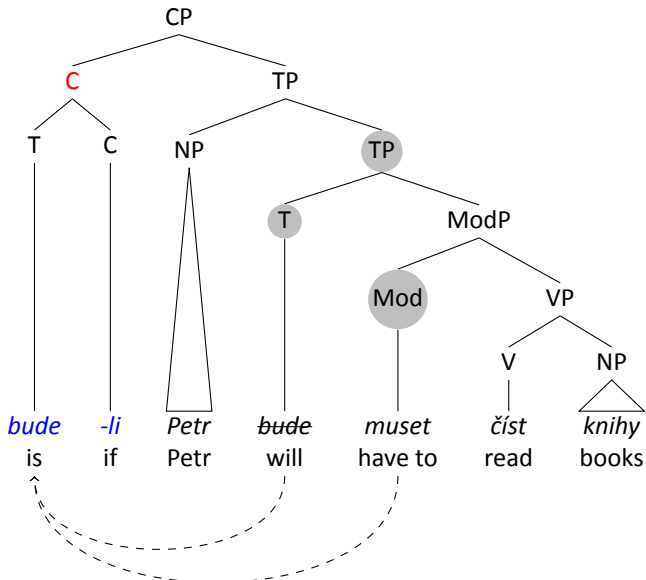




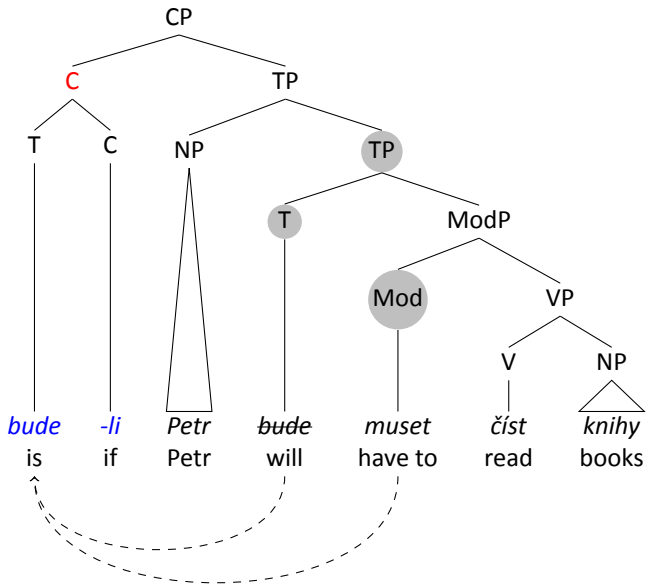


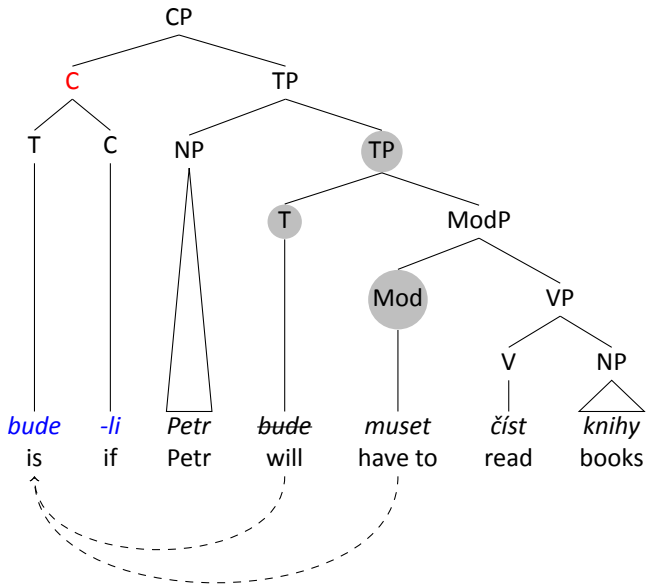
- (11) a. *Muset- li Petr bude číst knihy, ...
 read -if Petr will books, ...





- (12) a. *Muset-li Petr bude číst knihy, ...
 read -if Petr will books, ...





- (13) a. *Muset-li Petr bude číst knihy, ...
 read -if Petr will books, ...
- b. *Bude muset číst knihy-li Petr, ...
 will read -if Petr books

The economy of movement

(14) When we move a host to the suffix:

The economy of movement

- (14) When we move a host to the suffix:
- a. Move as short as possible

The economy of movement

- (14) When we move a host to the suffix:
- Move as short as possible
 - Move as little possible

The economy of movement

- (14) When we move a host to the suffix:
- a. Move as short as possible
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- ▶ Specific to each language / universal?

The economy of movement

- (14) When we move a host to the suffix:
- a. Move as short as possible
 - b. Move as little possible
-
- ▶ Specific to each language / universal?
 - ▶ If universal, are these specific to language?

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Using an existing host

Sub-Strategy I: Affix Hopping

Using an existing host

Sub-Strategy I: Affix Hopping

Czech

Selecting the host

Question formation

(15) a. The inspector will be staying at the pub.

- (15)
- a. The inspector will be staying at the pub.
 - b. I wonder **whether** the inspector will be staying at the pub.

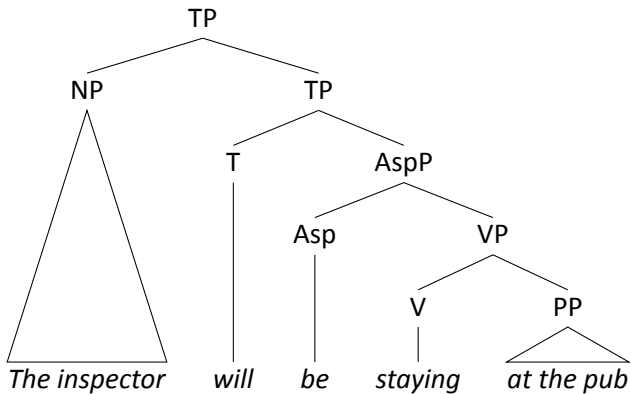
- (15)
- a. The inspector will be staying at the pub.
 - b. I wonder **whether** the inspector will be staying at the pub.
 - c. **Will** the inspector **will** be staying at the pub?

- (15)
- a. The inspector will be staying at the pub.
 - b. I wonder **whether** the inspector will be staying at the pub.
 - c. **Will** the inspector **will** be staying at the pub?
- (16) Will -Q the inspector be staying at the pub?

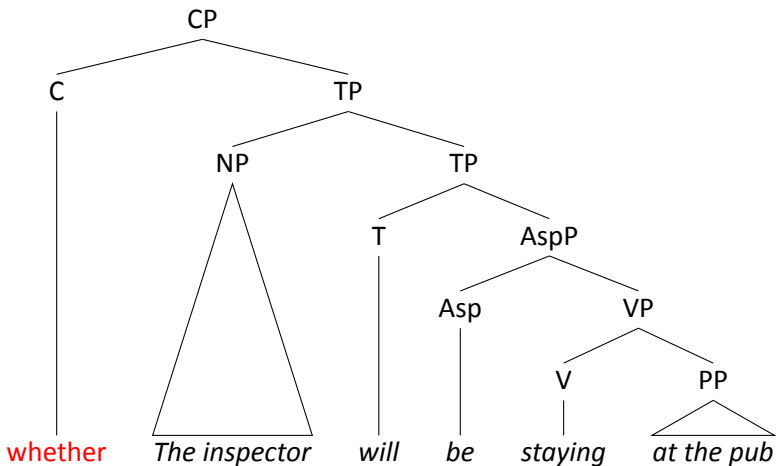
- (15) a. The inspector will be staying at the pub.
b. I wonder **whether** the inspector will be staying at the pub.
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- (16) Will -Q the inspector be staying at the pub?
- (17) Blagoj čete kniga
Blagoj reads book
'Blagoj is reading a book.'

- (15) a. The inspector will be staying at the pub.
b. I wonder **whether** the inspector will be staying at the pub.
c. **Will** the inspector **will** be staying at the pub?
- (16) Will -Q the inspector be staying at the pub?
- (17) Blagoj čete kniga
Blagoj reads book
'Blagoj is reading a book.'
- (18) Čete-li Blagoj čete kniga?
Reads-Q Blagoj book?
'Is Blagoj reading a book?'

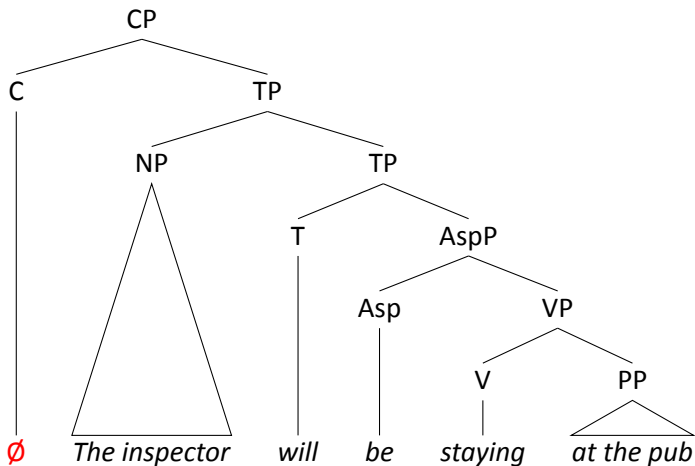
(19) The inspector will be staying at the pub.



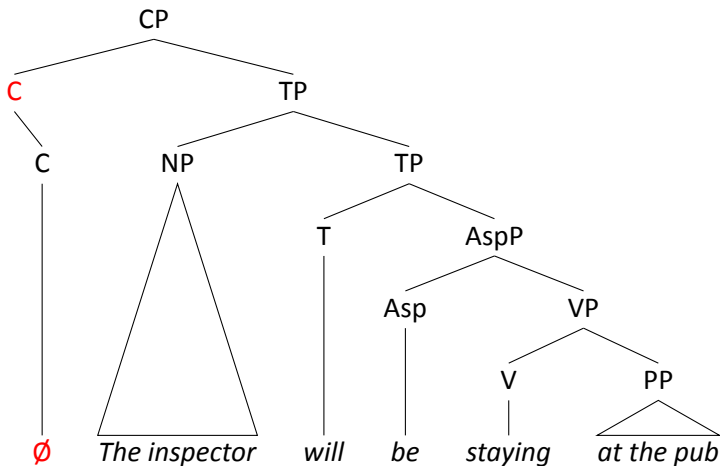
(20) ... whether the inspector be staying at the pub.



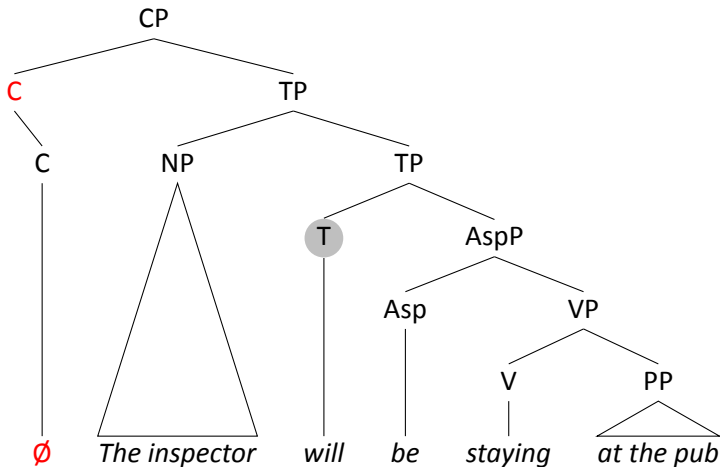
(21) Will the inspector be staying at the pub.



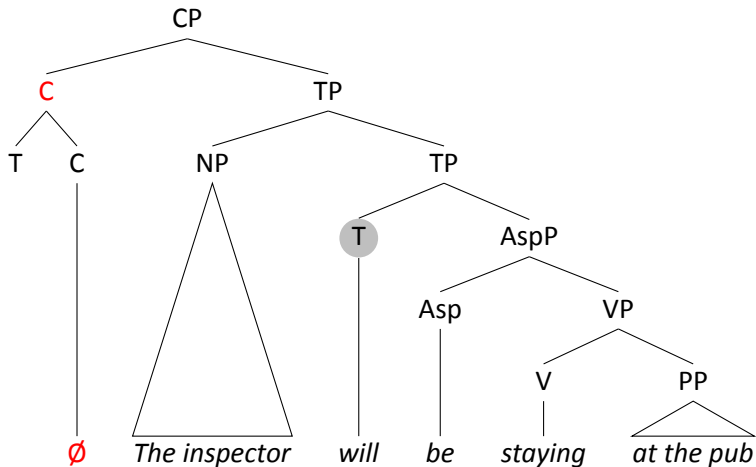
(22) Will the inspector be staying at the pub.



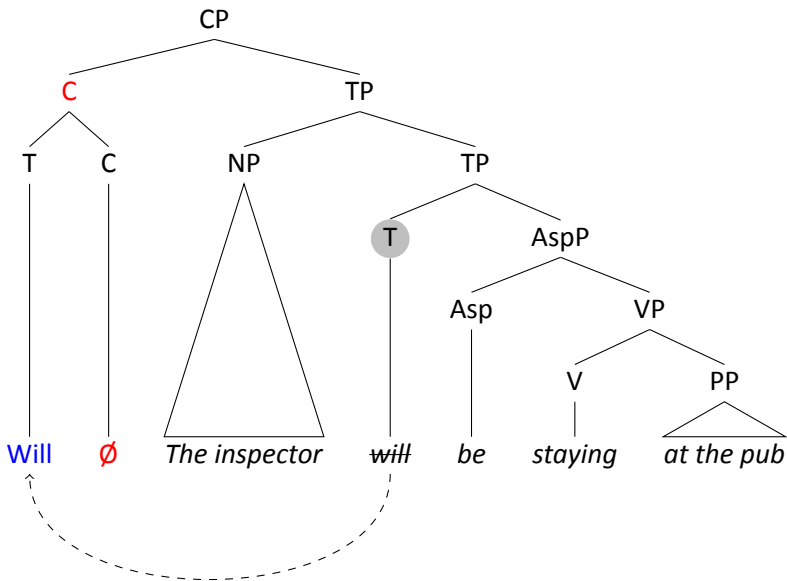
(23) Will the inspector be staying at the pub.



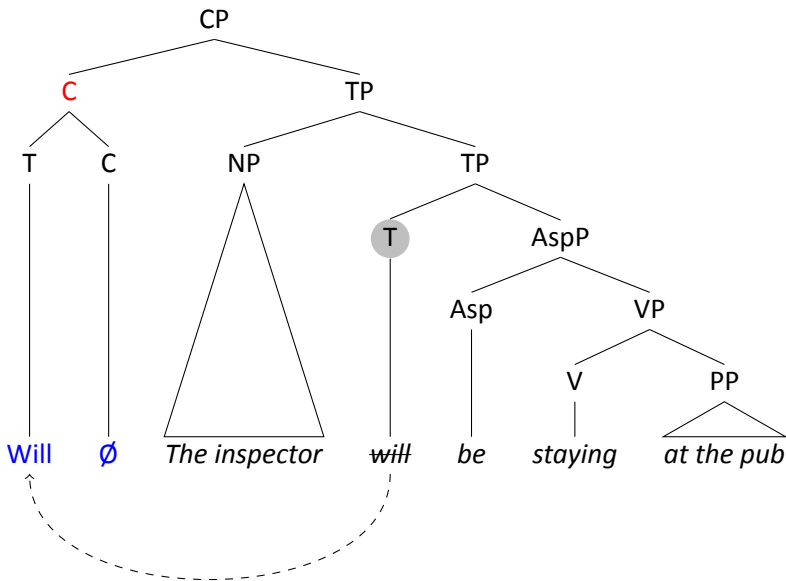
(24) Will the inspector be staying at the pub.



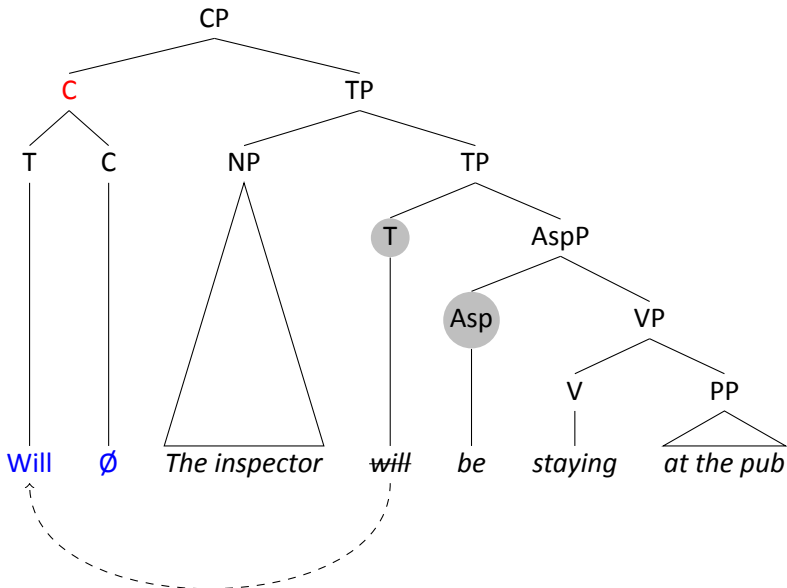
(25) Will the inspector be staying at the pub.



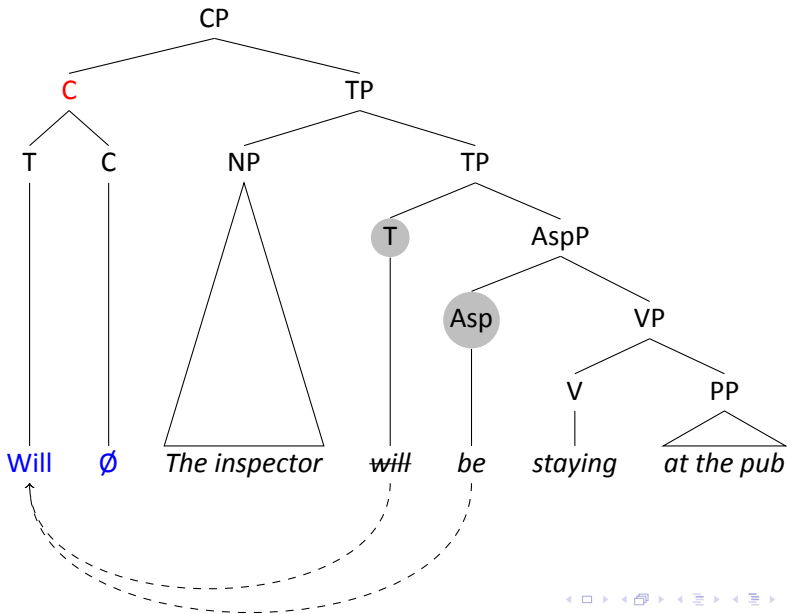
(26) Will the inspector be staying at the pub.



(27) Will the inspector be staying at the pub.



(28) Will the inspector be staying at the pub.



The economy of movement

(29) When we move a host to the suffix:

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Expletive insertion in more detail

Using an existing host

Sub-Strategy I: Affix Hopping

Using an existing host

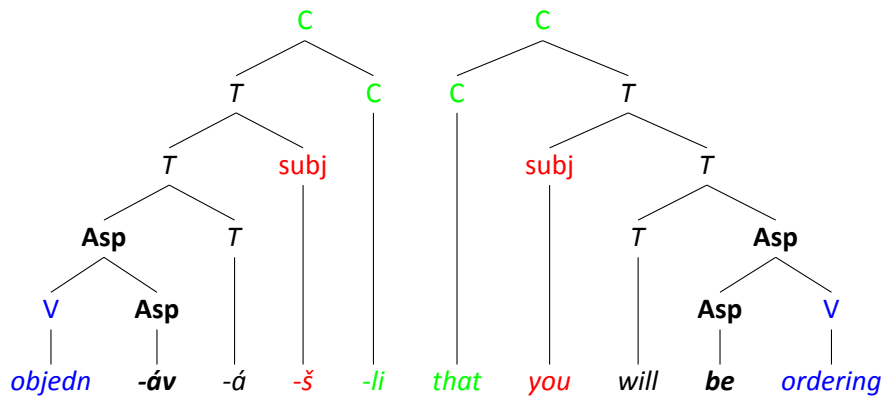
Sub-Strategy I: Affix Hopping

Czech

Selecting the host

Question formation

Recall



Recall

(30) The Mirror Principle

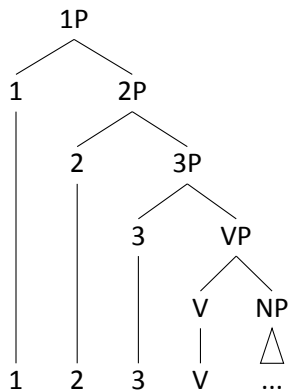
Recall

- (30) The Mirror Principle
- a. The order of morphemes inside words is the mirror image of the order of words in syntax

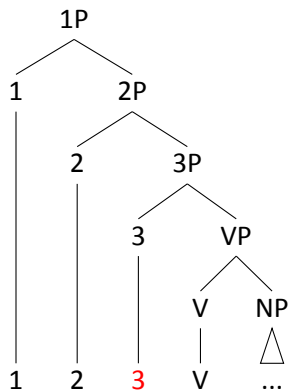
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- (30) The Mirror Principle
- a. The order of morphemes inside words is the mirror image of the order of words in syntax
 - b. The order of morphemes mirrors the syntactic derivation

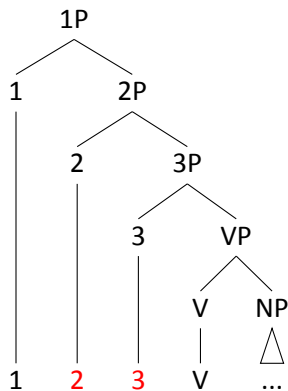
Deriving the Mirror Principle



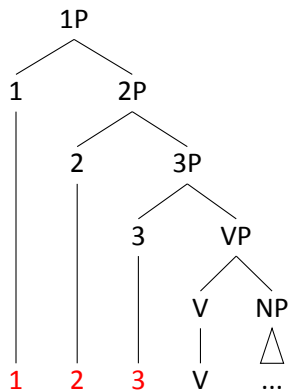
Deriving the Mirror Principle



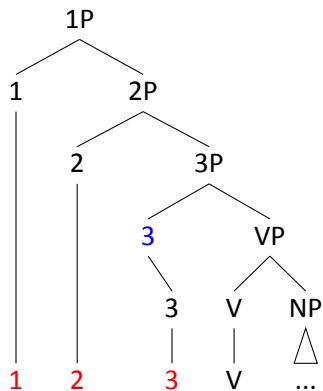
Deriving the Mirror Principle



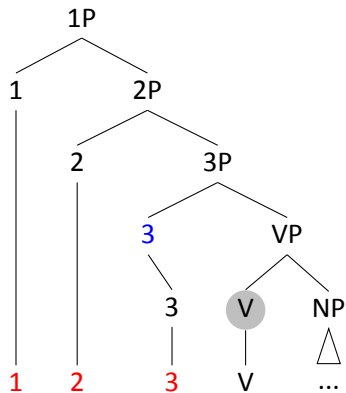
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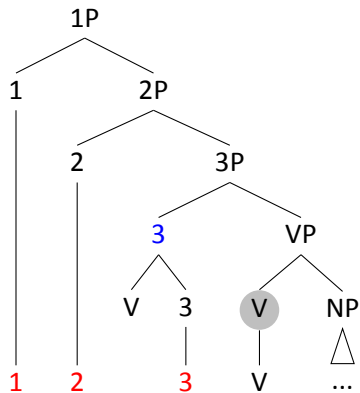
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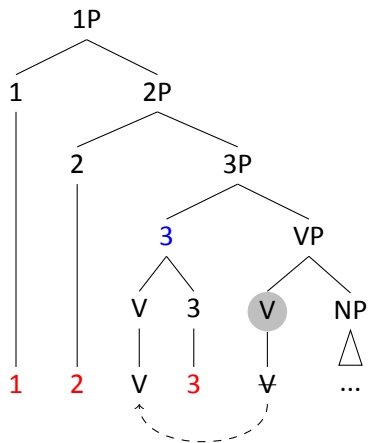
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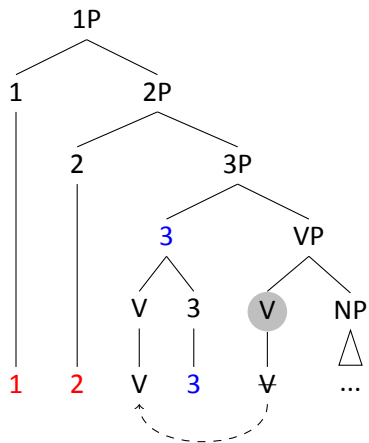
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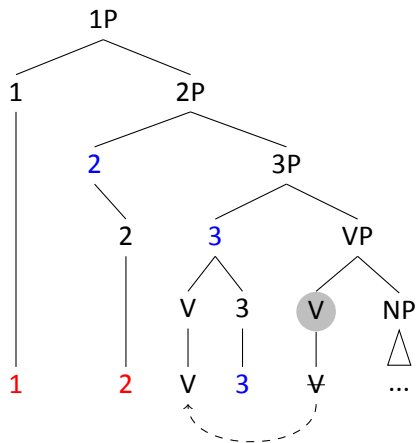
Deriving the Mirror Principle



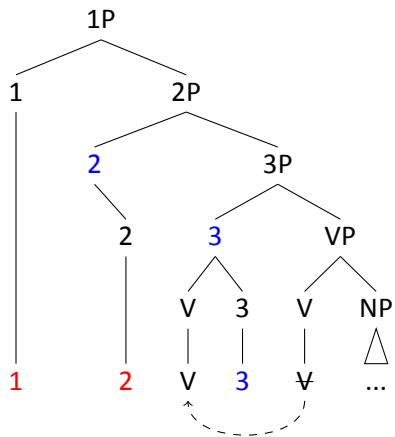
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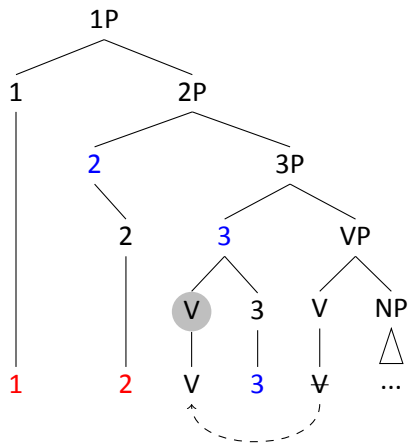
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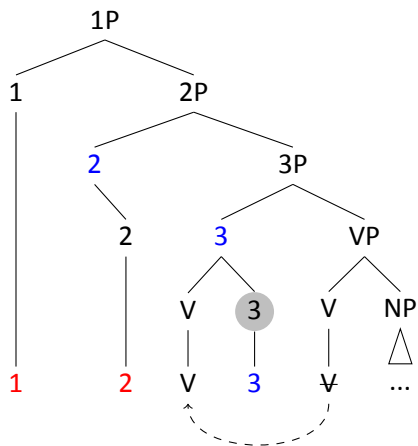
Deriving the Mirror Principle



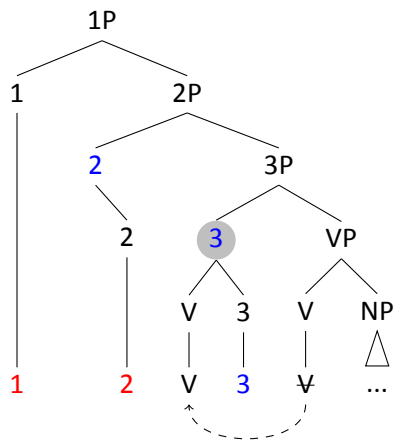
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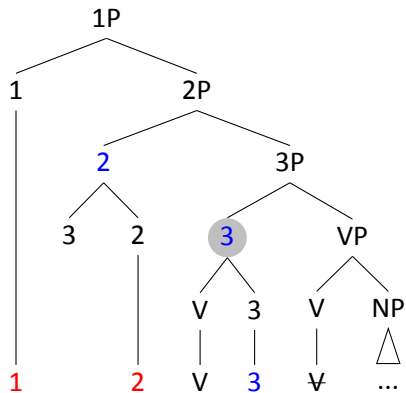
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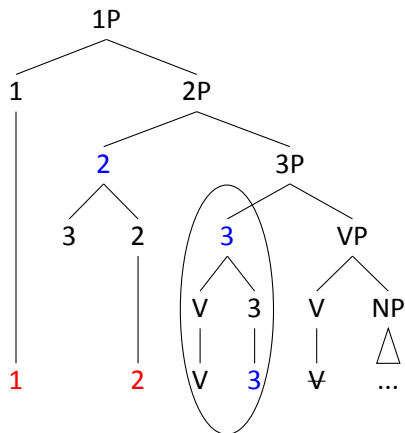
Deriving the Mirror Principle



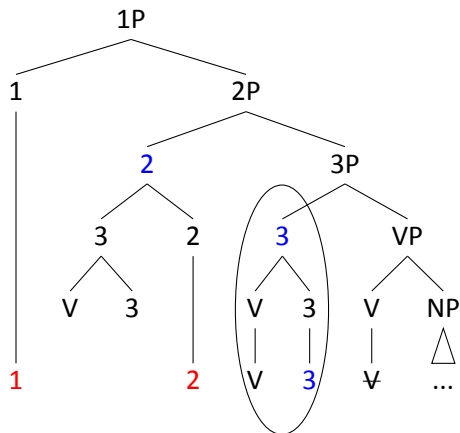
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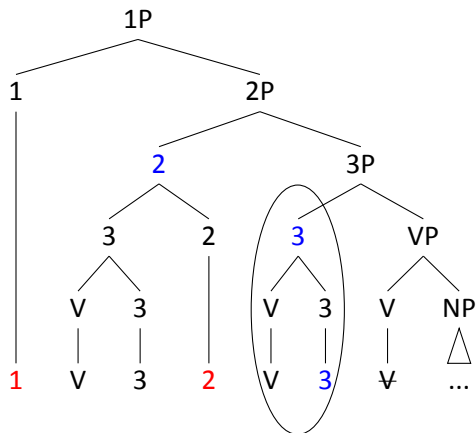
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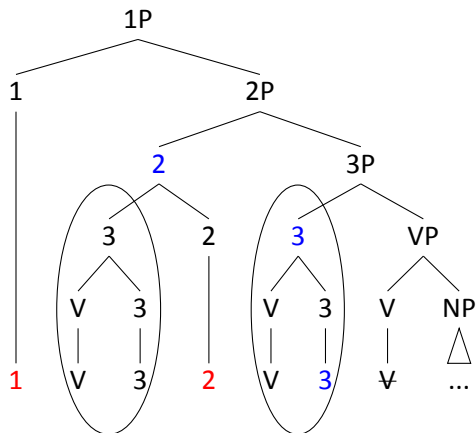
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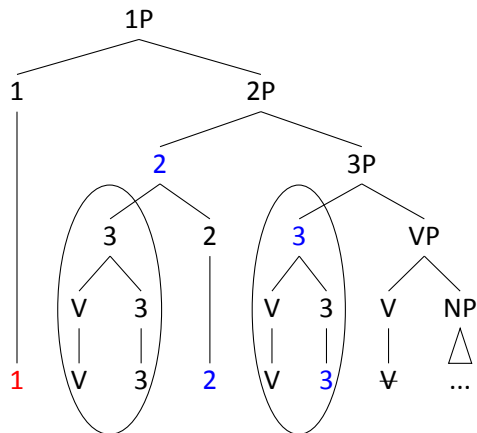
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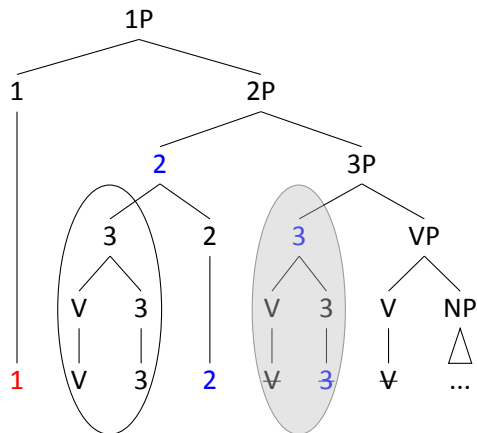
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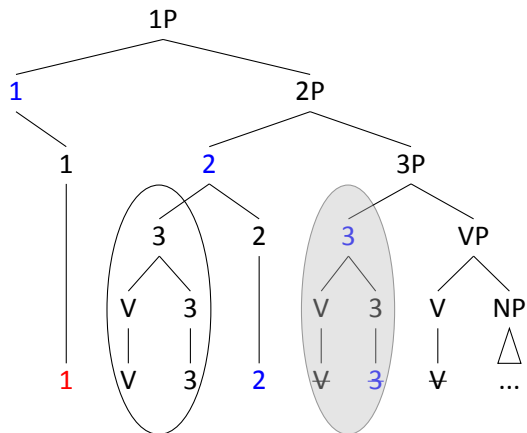
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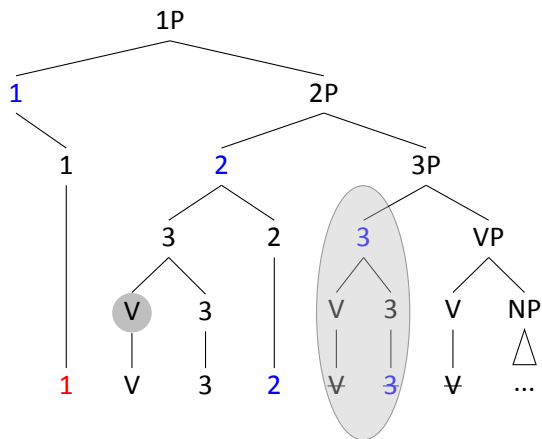
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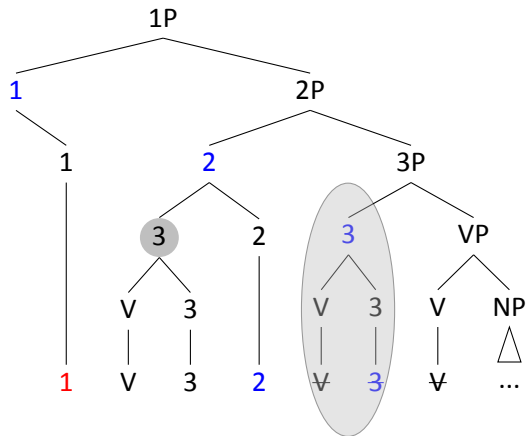
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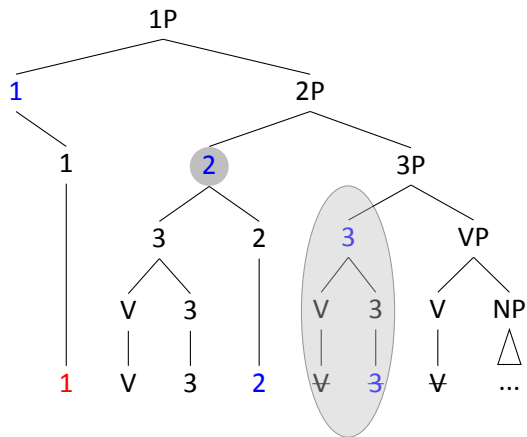
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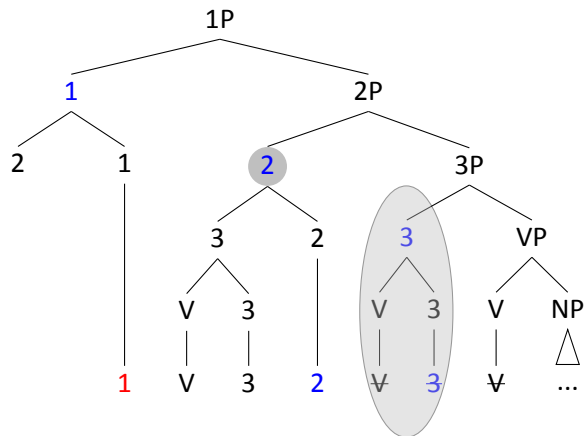
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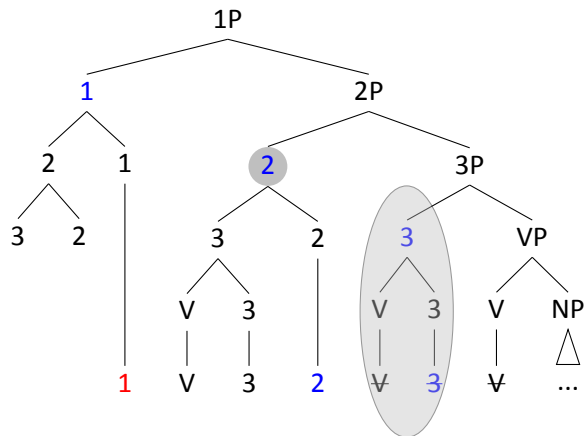
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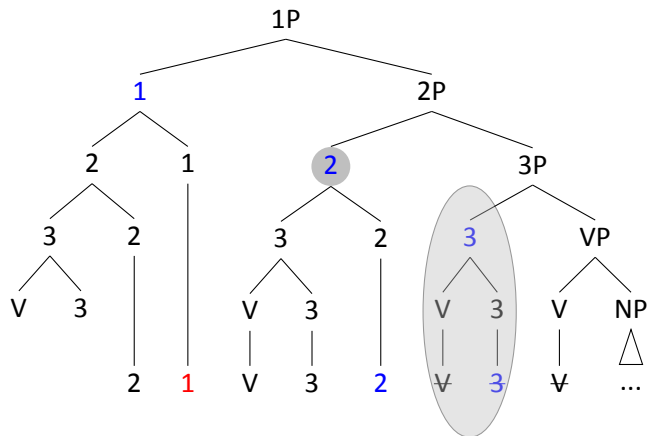
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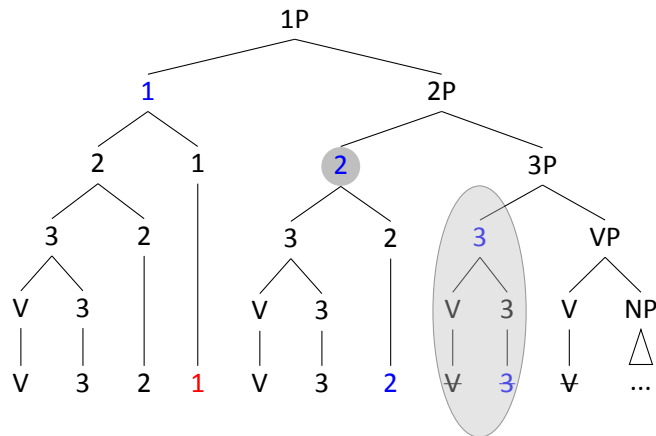
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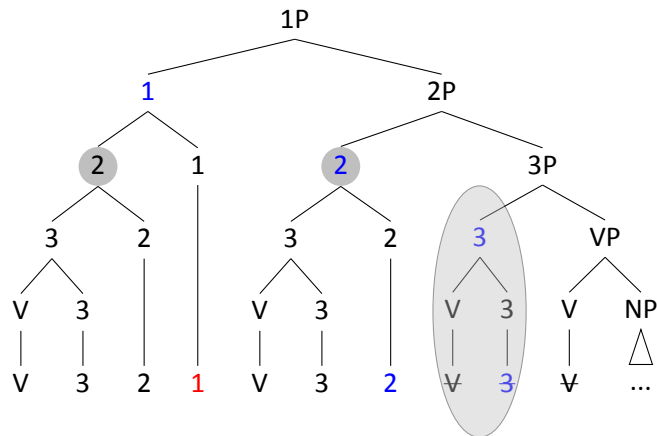
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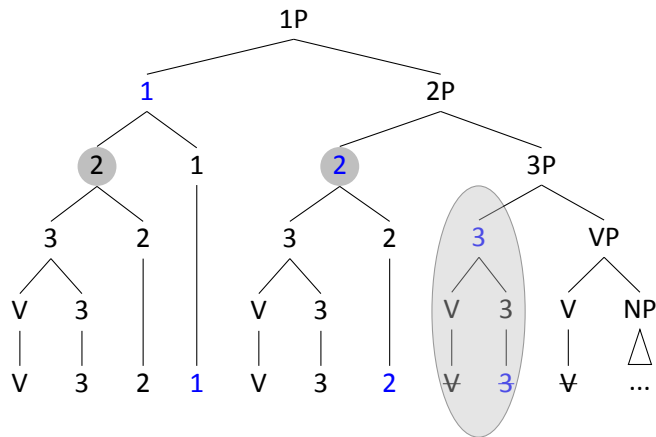
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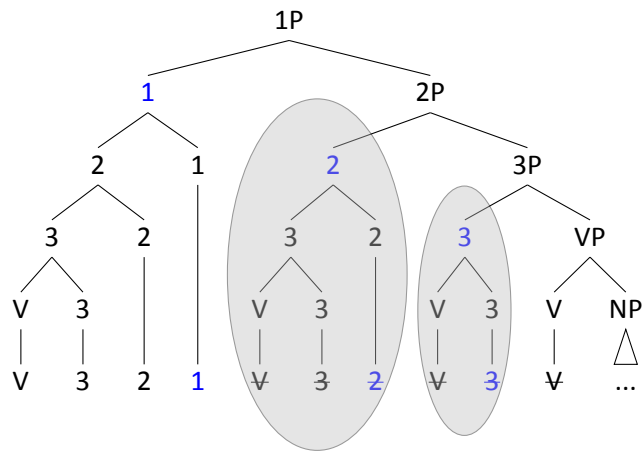
Deriving the Mirror Principle



Deriving the Mirror Principle



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Deriving the Mirror Principle

- ▶ Head movement derives mirror derivations

Deriving the Mirror Principle

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Using an existing host

Sub-Strategy I: Affix Hopping

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► Derives the Mirror Effect in morphology