# Syntax

#### Pavel Caha

25 Nov 2024

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- Next lecture: Dec 2
- Dec 9: Recap (???)

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- Dec 16: test multiple choice, a-b-c

- Next lecture: Dec 2
- Dec 9: Recap (???)
- Dec 16: test multiple choice, a-b-c
- There will be more options later on

Where we are at...

wh-questions

Split phrases

**Embedded Interrogatives** 

Move closest

Long-distance wh-movement

Floating quantifiers in intermediate position

Scope-marking construction

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(1) a. Three students are now three students working on this project.

- (1) a. Three students are now three students working on this project.
  - b. There are now three students working on this project.







# **Floating quantifiers**

#### (2) All astronauts don't all astronauts speak the same language

# **Floating quantifiers**

- (2) All astronauts don't all astronauts speak the same language
- (3) Astronauts don't all speak the same language

# **Floating quantifiers**

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- (3) Astronauts don't all speak the same language





#### (4) Astronauts don't all speak the same language

#### (5) Astronauts don't all speak the same language



#### (6) Astronauts don't all speak the same language



#### (7) Astronauts don't all speak the same language



# Economy of movement

(8) Astronauts don't all speak the same language



## Economy of movement

(9) All astronauts don't speak the same language



all arguments are part of the core event

- all arguments are part of the core event
- there exists a subject function, independent of argument-status (expletives)

- all arguments are part of the core event
- there exists a subject function, independent of argument-status (expletives)
- the subject moves there

#### 'Universal' part

Describe the event

- Describe the event
- Anchor it in time

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- Specify intention: question, fact, condition, ...

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- Variable part

#### 'Universal' part

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- Anchor it in time
- Specify intention: question, fact, condition, ...

#### Variable part

Is each meaning/function expressed by an independent marker?

- Describe the event
- Anchor it in time
- Specify intention: question, fact, condition, ...
- Variable part
  - Is each meaning/function expressed by an independent marker?
  - 'Movement': One item multiple functions

- Describe the event
- Anchor it in time
- Specify intention: question, fact, condition, ...
- Variable part
  - Is each meaning/function expressed by an independent marker?
  - 'Movement': One item multiple functions
    - Express event host an affix
- Describe the event
- Anchor it in time
- Specify intention: question, fact, condition, ...
- Variable part
  - Is each meaning/function expressed by an independent marker?
  - 'Movement': One item multiple functions
    - Express event host an affix
    - Be an agent in the event be the subject

- Describe the event
- Anchor it in time
- Specify intention: question, fact, condition, ...
- Variable part
  - Is each meaning/function expressed by an independent marker?
  - 'Movement': One item multiple functions
    - Express event host an affix
    - Be an agent in the event be the subject
  - Movement has a principled part move shortest

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- Anchor it in time
- Specify intention: question, fact, condition, ...
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  - Is each meaning/function expressed by an independent marker?
  - 'Movement': One item multiple functions
    - Express event host an affix
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    - Agent becomes the subject not the patient

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- Anchor it in time
- Specify intention: question, fact, condition, ...
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- Anchor it in time
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    - Express event host an affix
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  - And a variable part Move as light as possible vs. Move as short as possible

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- Anchor it in time
- Specify intention: question, fact, condition, ...
- Variable part
  - Is each meaning/function expressed by an independent marker?
  - 'Movement': One item multiple functions
    - Express event host an affix
    - Be an agent in the event be the subject
  - Movement has a principled part move shortest
    - Agent becomes the subject not the patient
    - We move the highest auxiliary
  - And a variable part Move as light as possible vs. Move as short as possible
  - Split phrases floating quantifiers

Where we are at...

#### wh-questions

Split phrases

**Embedded Interrogatives** 

Move closest

Long-distance wh-movement

Floating quantifiers in intermediate position

Scope-marking construction

Iclande

# (10) a. What are you reading?

- (10) a. What are you reading?
  - b. Where are you staying?

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  - b. Where are you staying?

- (10) a. What are you reading?
  - b. Where are you staying?

(11) a. wh -ere what -place

- (10) a. What are you reading?
  - b. Where are you staying?

- (11) a. wh -ere what -place
  - b. wh -o what person

- (10) a. What are you reading?
  - b. Where are you staying?

- (11) a. wh -ere what -place
  - b. wh -o what person
  - c. wh -y what reason

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  - b. Where are you staying?

- (11) a. wh -ere what -place
  - b. wh -o what person
  - c. wh -y what reason
  - d. wh -en what time

- (10) a. What are you reading?
  - b. Where are you staying?

- (11) a. wh -ere what -place
  - b. wh -o what person
  - c. wh -y what reason
  - d. wh -en what time

What is the thing such that ... you are reading that thing

- (10) a. What are you reading?
  - b. Where are you staying?

- (11) a. wh -ere what -place
  - b. wh -o what person
  - c. wh -y what reason
  - d. wh -en what time
  - What is the thing such that ... you are reading that thing
  - What is the place such that ... you are staying at that place

- (10) a. What are you reading?
  - b. Where are you staying?

- (11) a. wh -ere what -place
  - b. wh -o what person
  - c. wh -y what reason
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  - What is the thing such that ... you are reading that thing
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  - The idea: questions are derived from declaratives (by adding what is the X such that ... X ...)

- (10) a. What are you reading?
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- (11) a. wh -ere what -place
  - b. wh -o what person
  - c. wh -y what reason
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  - What is the thing such that ... you are reading that thing
  - What is the place such that ... you are staying at that place
  - The idea: questions are derived from declaratives (by adding what is the X such that ... X ...)

# (12) What will you eat?































#### (17) What will you eat?



Where we are at...

wh-questions

Split phrases

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Iclande

- (13) West Ulster English
  - a. Who all did you meet when you were in Derry?

#### (13) West Ulster English

- a. Who all did you meet when you were in Derry?
- b. Who all did you meet who all when you were in Derry?

#### (13) West Ulster English

- a. Who all did you meet when you were in Derry?
- b. Who all did you meet who all when you were in Derry?
- c. Who did you meet who all when you were in Derry?

#### (13) West Ulster English

- a. Who all did you meet when you were in Derry?
- b. Who all did you meet who all when you were in Derry?
- c. Who did you meet who all when you were in Derry?
- d. Who did you meet all when you were in Derry?

- (14) West Ulster English
  - a. Who all did you meet
  - b. Who did you meet

when you were in Derry? all when you were in Derry?

#### (14) West Ulster English

- a. Who all did you meet
- b. Who did you meet



when you were in Derry? all when you were in Derry?

- (15) West Ulster English
  - a. Who all did you meet
  - b. Who did you meet

when you were in Derry? all when you were in Derry?
# (15) West Ulster English

- a. Who all did you meet
- b. Who did you meet

when you were in Derry? all when you were in Derry?



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# (19) West Ulster English

- a. Who all did you meet
- b. Who did you meet

when you were in Derry? all when you were in Derry?



## (19) West Ulster English

- a. Who all did you meet
- b. Who did you meet

when you were in Derry? all when you were in Derry?



## (19) West Ulster English

- a. Who all did you meet
- b. Who did you meet

when you were in Derry? all when you were in Derry?



Where we are at...

wh-questions

Split phrases

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Scope-marking construction

Iclande

(16) The students wondered whether they should adopt this analysis.

- (16) The students wondered whether they should adopt this analysis.
- (17) The students wondered which analysis they should adopt.

- (16) The students wondered whether they should adopt this analysis.
- (17) The students wondered which analysis they should adopt.



- (18) The students wondered whether they should adopt this analysis.
- (19) The students wondered which analysis they should adopt.



- (20) The students wondered whether they should adopt this analysis.
- (21) The students wondered which analysis they should adopt.



Where we are at...

wh-questions

Split phrases

**Embedded Interrogatives** 

Move closest

Long-distance wh-movement

Floating quantifiers in intermediate position

Scope-marking construction

Iclande

# Superiority

# (22) The students wondered **who** should adopt **what**.

# Superiority

(22) The students wondered **who** should adopt **what**.



(23) The students wondered **who** should adopt **what**.







# (24) \*The students wondered what who should adopt what is a 2000 47/60



# (24) \*The students wondered what who should adopt what is a 2000 47/60

Where we are at...

wh-questions

Split phrases

**Embedded Interrogatives** 

Move closest

Long-distance wh-movement

Floating quantifiers in intermediate position

Scope-marking construction

Idanda

# (25)The students thought that they should adopt the wrong analysis.

(25)The students thought that they should adopt **the wrong analysis**.

(26)What is the analysis such that ...

the students thought that they should adopt that analysis

(25)The students thought that they should adopt the wrong analysis.(26)What is the analysis such that ...

the students thought that they should adopt that analysis

(27) What analysis did the students think that they should adopt -

(25)The students thought that they should adopt the wrong analysis.(26)What is the analysis such that ...

the students thought that they should adopt that analysis

(27) What analysis did the students think that they should adopt -

(28) What analysis did the students think - that they should adopt -

(25)The students thought that they should adopt the wrong analysis.(26)What is the analysis such that ...

the students thought that they should adopt that analysis (27)What analysis did the students think that they should adopt – (28)What analysis did the students think – that they should adopt –



(29) What analysis did the students think that they should adopt?



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### (30) What analysis did the students think that they should adopt?



Where we are at...

wh-questions

Split phrases

**Embedded Interrogatives** 

Move closest

Long-distance wh-movement

Floating quantifiers in intermediate position

Scope-marking construction

Iclondo

# (31) Who did you meet all when you were in Derry?

- (31) Who did you meet all when you were in Derry?
- (32) What all did he say that he wanted?

- (31) Who did you meet all when you were in Derry?
- (32) What all did he say that he wanted?
- (33) What all did he say that he wanted —?

- (31) Who did you meet all when you were in Derry?
- (32) What all did he say that he wanted?
- (33) What all did he say that he wanted —?
- (34) What all did he say that he wanted —?

- (31) Who did you meet all when you were in Derry?
- (32) What all did he say that he wanted?
- (33) What all did he say that he wanted —?
- (34) What all did he say that he wanted —?
- (35) What did he say that he wanted all?

- (31) Who did you meet all when you were in Derry?
- (32) What all did he say that he wanted?
- (33) What all did he say that he wanted —?
- (34) What all did he say that he wanted —?
- (35) What did he say that he wanted all?
- (36) What did he say all that he wanted —?

Where we are at...

wh-questions

Split phrases

**Embedded Interrogatives** 

Move closest

Long-distance wh-movement

Floating quantifiers in intermediate position

Scope-marking construction

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 (37) a. Myslím, že Slováci zvolí X? I.think that the.Slovaks will.vote.for — (37) a. Myslím, že Slováci zvolí X?
 I.think that the.Slovaks will.vote.for —
 b. Koho myslíš, že Slováci zvolí —?
 Who do.you.think that the.Slovaks will.vote.for —

- (37) a. Myslím, že Slováci zvolí X?
  I.think that the.Slovaks will.vote.for —
  b. Koho myslíš, že Slováci zvolí —?
  - Who do.you.think that the.Slovaks will.vote.for —
  - c. Koho myslíš, že Slováci zvolí –? Who do.you.think – that the.Slovaks will.vote.for –
(37) a. Myslím, že Slováci zvolí X? I.think that the.Slovaks will.vote.for —

- b. Koho myslíš, že Slováci zvolí —? Who do.you.think that the.Slovaks will.vote.for —
- c. Koho myslíš, že Slováci zvolí –? Who do.you.think – that the.Slovaks will.vote.for –
- d. Co myslíš, koho Slováci zvolí —? What do.you.think who the.Slovaks will.vote.for

(37) a. Myslím, že Slováci zvolí X? I.think that the.Slovaks will.vote.for —

- b. Koho myslíš, že Slováci zvolí —? Who do.you.think that the.Slovaks will.vote.for —
- c. Koho myslíš, že Slováci zvolí —? Who do.you.think — that the.Slovaks will.vote.for —
- d. Co myslíš, koho Slováci zvolí —? What do.you.think who the.Slovaks will.vote.for
- e. \*To myslím, koho Slováci zvolí That I.think who the.Slovaks will.vote.for







Where we are at...

wh-questions

Split phrases

**Embedded Interrogatives** 

Move closest

Long-distance wh-movement

Floating quantifiers in intermediate position

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Scope-marking construction

Iclande

- a. There is a path between filler and gap (trace)
- b. Certain interveners are not allowed

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- (39) a. The guy who ate a death cap died yesterday
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- (39) a. The guy who ate a death cap died yesterday
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  - c. \*What did the guy who ate die yesterday?

- There is a path between filler and gap (trace) a.
- b. Certain interveners are not allowed
- The guy who ate a death cap died yesterday (39)a.
  - b. What is the thing such that the guy who ate that thing died vesterday
  - \*What did the guy who ate die yesterday? C.
  - \*What did the guy who ate die yesterday? d.

- a. There is a path between filler and gap (trace)
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- (39) a. The guy who ate a death cap died yesterday
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  - d. \*What did the guy who ate die yesterday?
- (40) You can't move a wh-word across another wh-word
- (41) a. I wonder what they gave to whom.

- a. There is a path between filler and gap (trace)
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- (40) You can't move a wh-word across another wh-word
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  - b. Who is the person such that ... you wonder what they gave to that person.

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- (39) a. The guy who ate a death cap died yesterday
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