Co-constructions in UD

how to annotate, validate, visualize?

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whoami

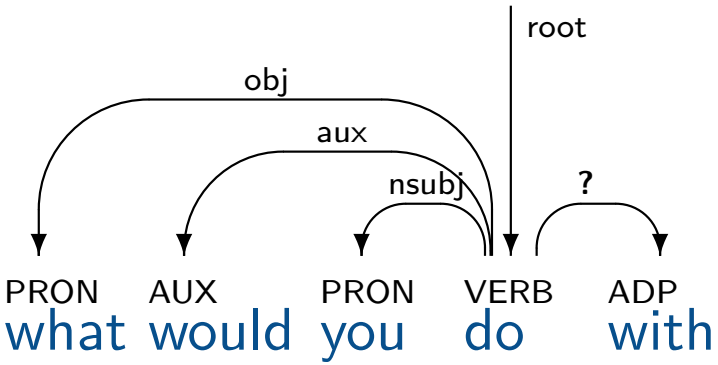
- PhD student at the University of Gothenburg
- current main focus: treebanking L2 Swedish **essays**
- side project: annotation of interactional L2 Italian data
- experience with SpLAn-UD: $<$ 1 week

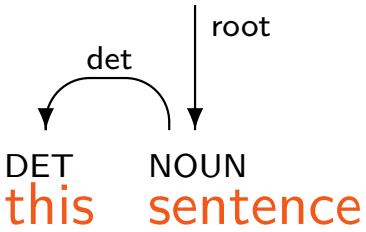
A first example

what would you do with this sentence

- Speaker A: blue
- Speaker B: orange

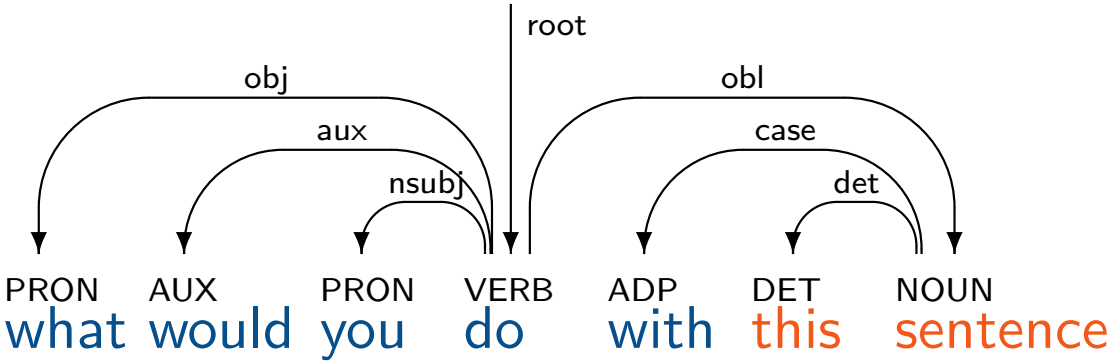
Option 1: splitting by speaker





- how meaningful is this annotation?
- what to do with “with”?

Option 2: single sentence



(with speaker IDs in the MISC field)

- complete sentence
- easy-to-visualize co-construction

Pile-like constructions

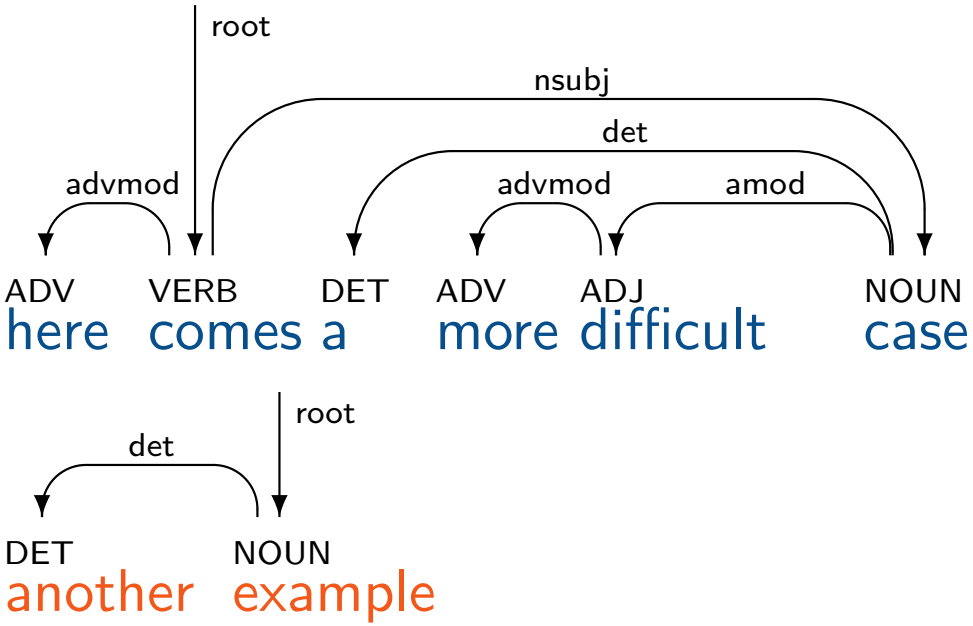
here comes a more difficult case

another example

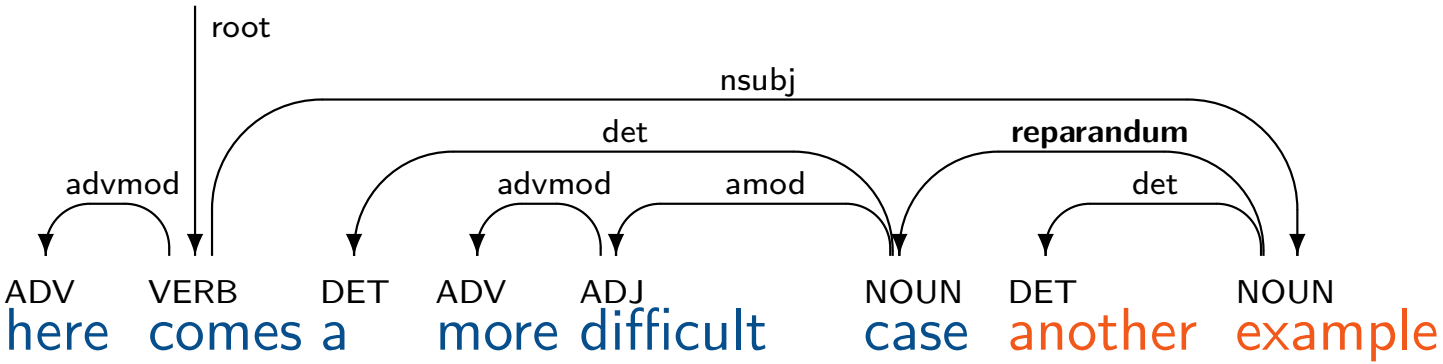
A and B :

- fill in the same slot with different values
- typically (but not necessarily) overlap

Option 1: splitting by speaker

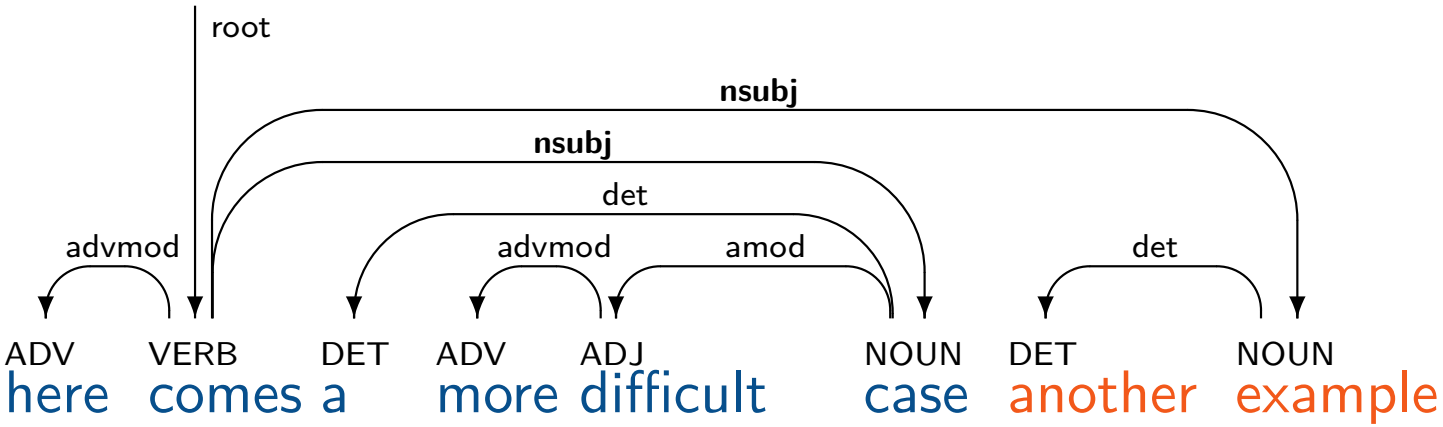


Option 2: reparandum



- makes sense if B is correcting A
- ...but that is not always the case

Option 3: double subject



- intuitive analysis
- problem:

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[Line 55 Node 2]: [L3 Syntax too-many-subjects]
Multiple subjects [6, 8] not subtyped as ':outer'.
Outer subjects are allowed if a clause acts as the
predicate of another clause.
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Some considerations

- if spoken data is segmented in a speaker-based fashion, some information is inevitably lost or hidden (at least from current UD tools)
- if multi-speaker (co-constructed) “sentences” are allowed, the validator needs to account for speaker information