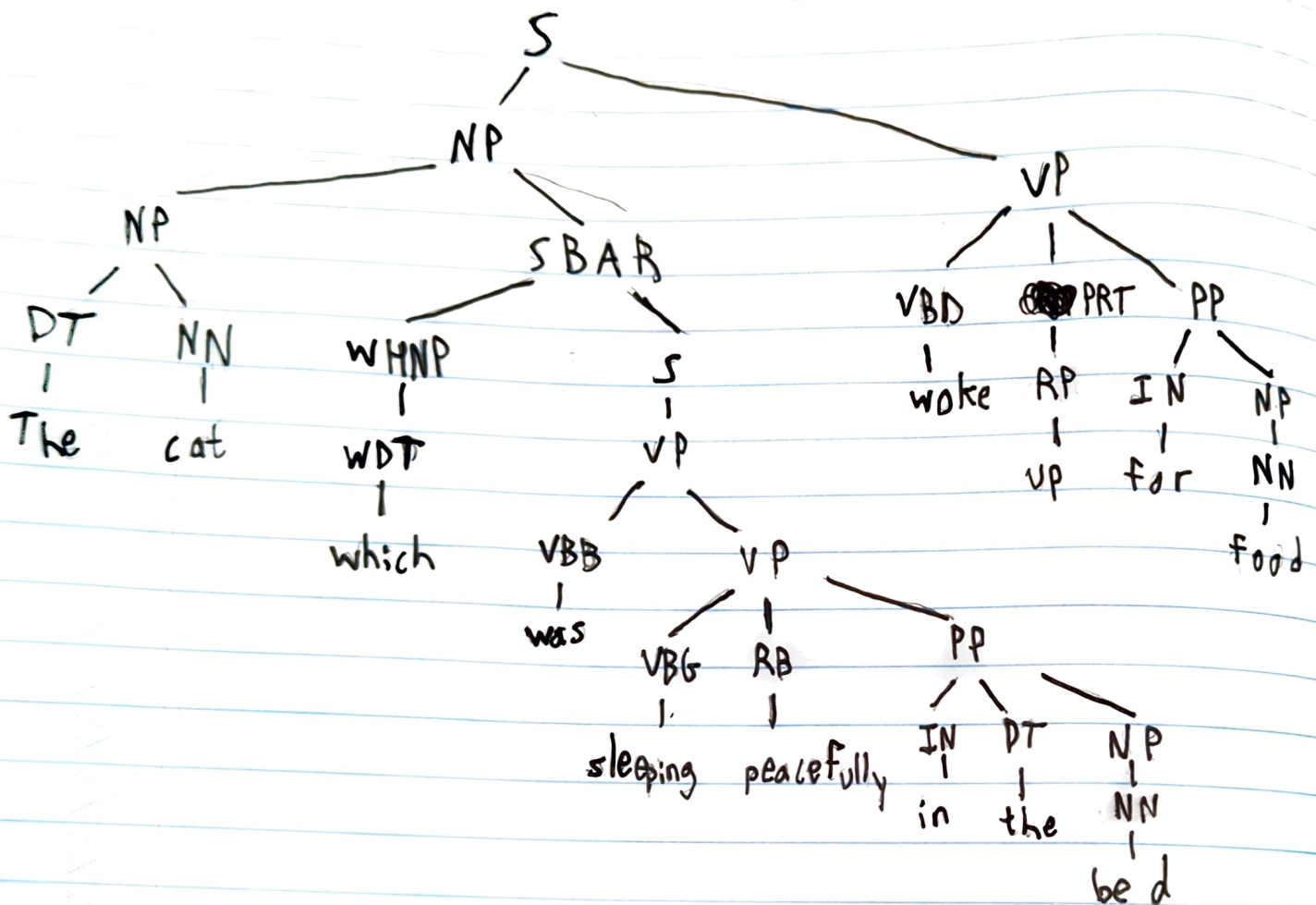


Sentence Parsing

The cat, which was sleeping peacefully in the bed, woke up for food.



dependency parse

The cat, which was sleeping peacefully in the bed, woke up for food.

Diagram illustrating a dependency parse for the sentence "The cat, which was sleeping peacefully in the bed, woke up for food." The diagram shows the syntactic structure with nodes and dependencies.

Nodes (tokens and their part-of-speech tags):

- The (DT)
- cat (NN)
- ,
- which (PRP)
- was (VBD)
- sleeping (VBG)
- peacefully (RB)
- in (IN)
- the (DT)
- bed (NN)
- ,
- woke (VBD)
- up (RP)
- for (IN)
- food (NN)
- .

Dependencies (labeled with arrows):

- cat (NN) → The (DT) (det)
- cat (NN) → , (punct)
- which (PRP) → , (punct)
- which (PRP) → was (VBD) (nsubj)
- was (VBD) → sleeping (VBG) (aux)
- sleeping (VBG) → peacefully (RB) (advmod)
- sleeping (VBG) → in (IN) (case)
- sleeping (VBG) → the (DT) (det)
- sleeping (VBG) → bed (NN) (nmod)
- sleeping (VBG) → , (punct)
- woke (VBD) → up (RP) (case)
- woke (VBD) → for (IN) (case)
- woke (VBD) → food (NN) (nmod)
- woke (VBD) → . (punct)

The cat, which was sleeping peacefully in the bed, woke up for food.

SRL parse

was:

V: was

sleeping:

Arg0: The cat ~~is~~; subject that is sleeping

R-Arg0: which; same subject

V: sleeping

Argm-mmr: peacefully; ~~the~~ the quality of the sleep

Argm-loc: in the bed; where its sleeping

woke:

Arg1: The cat, which was sleeping-peacefully in the bed, 's

V: woke



Argm-pnc: for food; only awake ~~to~~ to eat

SRL Parse lists everything easily but can get lengthy and inefficient.

The dependency parse can also get easily tangled but it will keep more context than an SRL Parse.

I think a PSB tree organizes words and their context in a cleaner way, although it makes direct relation of one word to another ~~is~~ more difficult to follow.