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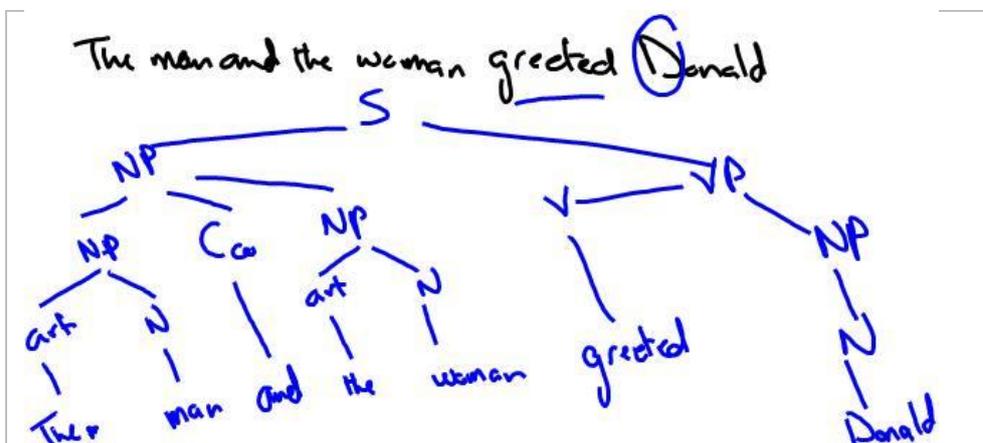
## Coordinate Phrases

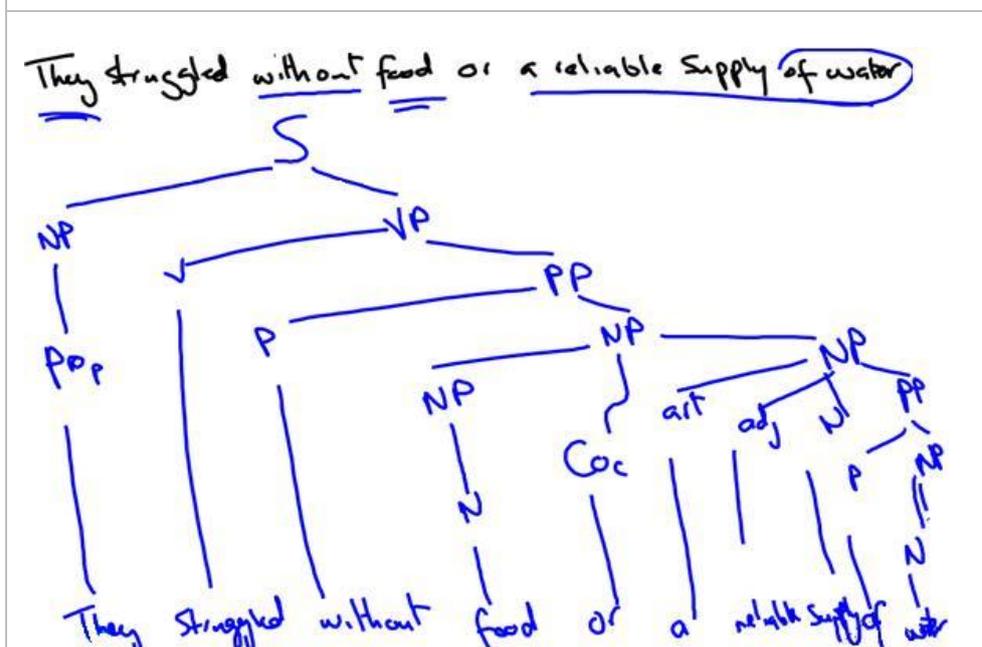
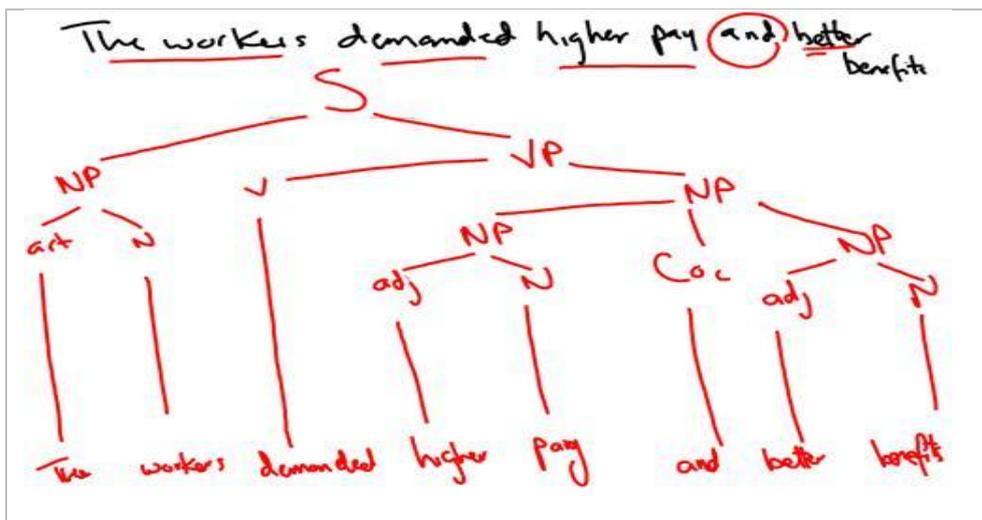
### Coordinate Noun Phrases

- Our rules seem to be getting more and more complex. To the simple noun-phrase rule that we introduced earlier. We have added provisions for optional adjectives, prepositional phrases, and pronouns:
- NP -----> { (Art) (Adj)+ N (PP) }  
Prop

### **And we are not finished yet! At times a noun phrase can have a kind of collective membership:**

- The man and the woman greeted Donald.
- The workers demanded higher pay and better benefits.
- They struggled without food or a reliable source of water.
- The first sentence has only one verb phrase (greeted Donald), but two noun phrases seem to constitute its subject ( the man and the woman, joined by the word *and*). In the second sentence, two noun phrases joined by *and* constitute the sentence's direct object. In the third sentence, two noun phrases joined by *or* act as the object of the preposition phrase without. The words *and* and *or*, which connect the noun phrases, are called COORDINATING CONJUNCTIONS ( Cco).
- To account for the first sentence, we will say that the subject noun phrase ( the man and the woman) has as its constituents two different noun phrases joined by a coordinator.
- That is, one overall noun phrase ( the man and the woman) consists of two smaller individual phrases ( the man, the woman) linked together by a coordinating conjunction. Such a noun phrase is known as a COORDINATE NOUN PHRASE. The rule that would allow
- **noun phrases with this structure is the following:**  
NP -----> NP Cco NP





### Other Conjoined Phrases

- Noun phrases are not the only phrases that can be joined by conjunctions. In the following sentence, a single person performs two different actions.
- James loved Susan but married Sarah.
- The sentence has one subject noun phrase (James) but two verb phrases (loved Susan and married Sarah) joined by a conjunction (*but*). A rule is needed to account for coordinate verb phrases.  
VP ----> VP Cco VP
- We can have coordinate noun phrases and coordinate verb phrases.

### **Can any other phrases be linked by conjunctions? Consider the following sentence:**

- Stephanie stepped off the pier and into the lake.
- Here the coordinating conjunction *and* connects two prepositional phrases (off the pier and into the lake).

