

Constituency Parsing

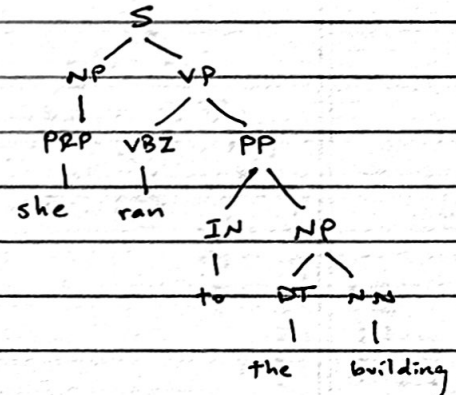
- Syntax: Study of word order and how words form sentences

- Constituency Parsing: Tree structured analysis of sentences

- Constituents: (S)entence, (N)oun, (P)hrases, (V)erb, etc.

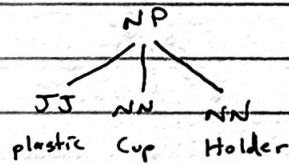
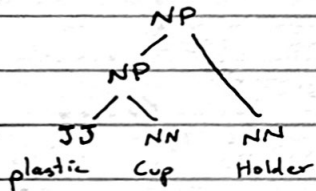
- Bottom layer is POS tags

- Examples will be in English. Makes sense for some languages but not all



- Challenges

- Modifier Scope:



- Complement Structure:

The students complained to the professor that they didn't understand

- Coordination Scope:

The man picked up his hammer and saw

Compare: The man picked up his hammer and swung