

# Constituency Parsing



# Syntax

- Study of word order and how words form sentences
- Why do we care about syntax?
  - Multiple interpretations of words (noun or verb? *Fed raises...* example)
  - Recognize verb-argument structures (who is doing what to whom?)
  - Higher level of abstraction beyond words: some languages are SVO, some are VSO, some are SOV, parsing can canonicalize



# Constituency Parsing

- Tree-structured syntactic analyses of sentences
- *Constituents*: (S)entence, (N)oun (P)hrases, (V)erb (P)hrases, (P)repositional (P)hrases, and more
- Bottom layer is POS tags
- Examples will be in English. Constituency makes sense for a lot of languages but not all



