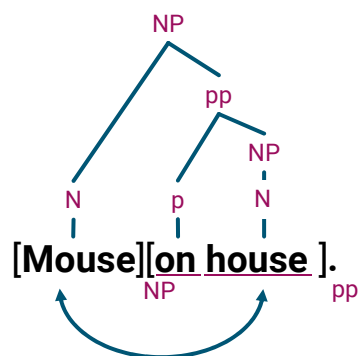


Immediate Dominance and Linear Precedence, Part 1

Introduction to Phrase Structure Analysis

Phrase Structure Tree



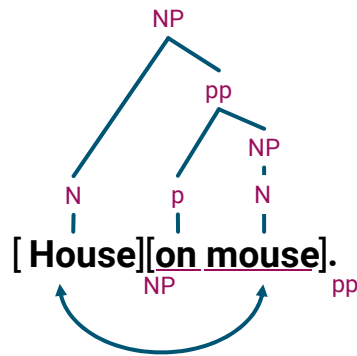
Mouse on house.



Mouse: wenchiaawang/iStock/Getty Images; House: wenchiaawang/iStock/Thinkstock

Introduction to Phrase Structure Analysis

Phrase Structure Tree



House on mouse.



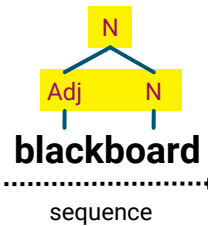
Mouse: wenchiaawang/iStock/Getty Images; House: wenchiaawang/iStock/Thinkstock

Analyzing Phrase Structures with Linear Precedence and Immediate Dominance

Recall morphological analysis: compounds



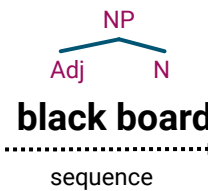
Hierarchical
constitution



sequence

Syntactic analysis: sequences of words

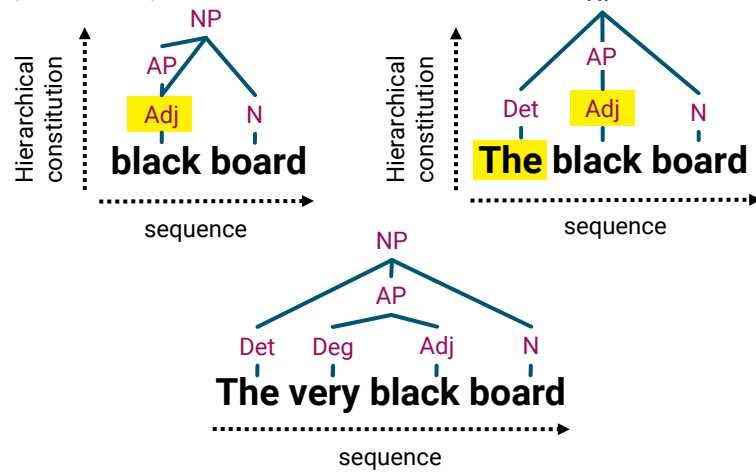
Hierarchical
constitution



sequence

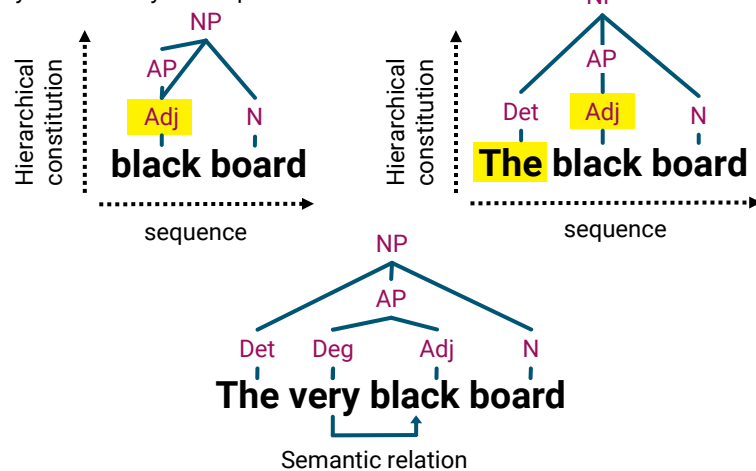
Analyzing Phrase Structures with Linear Precedence and Immediate Dominance

Syntactic analysis: sequences of words



Analyzing Phrase Structures with Linear Precedence and Immediate Dominance

Syntactic analysis: sequences of words



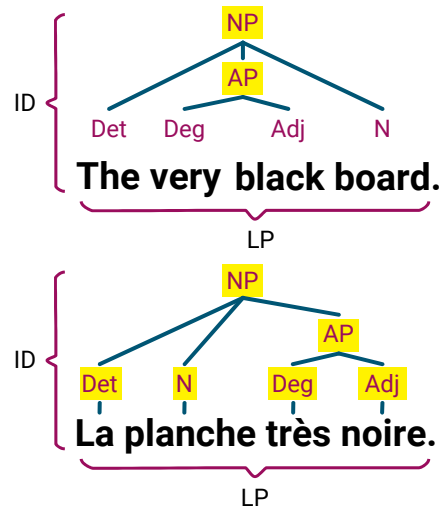
Analyzing Phrase Structures with Linear Precedence and Immediate Dominance

Immediate Dominance (ID)

- Hierarchy
- Constituency

Linear Precedence (LP)

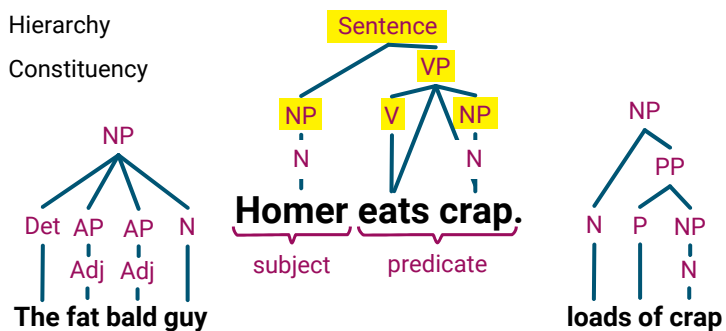
- Word order
- Grammatical sequence



Sentential Analysis with ID & LP

Immediate Dominance (ID)

- Hierarchy
- Constituency



Sentential Analysis with ID & LP

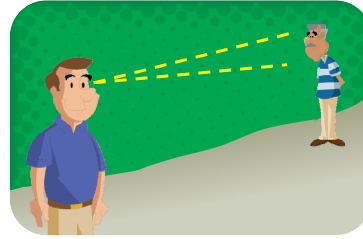
Linear Precedence (LP)

Word order

Grammatical sequence



I saw the man from the store.

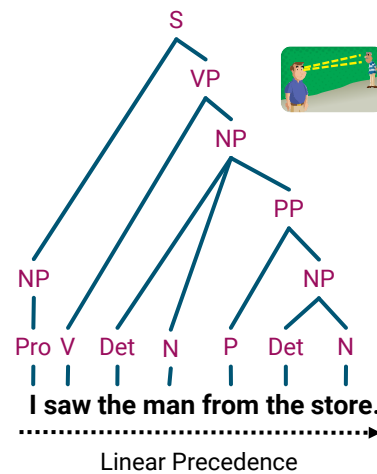
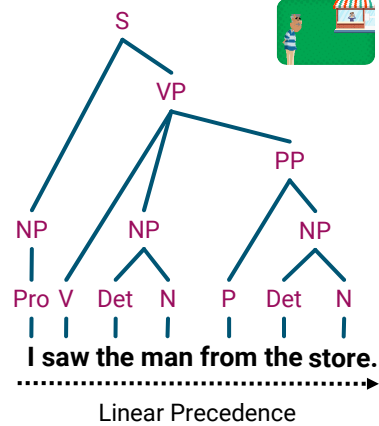


I saw the man from the store.

Store: karnoff/iStock/Getty Images; Peeking man: yusak_p/iStock/Getty Images; People: denis_pc/iStock/Thinkstock

Sentential Analysis with ID & LP

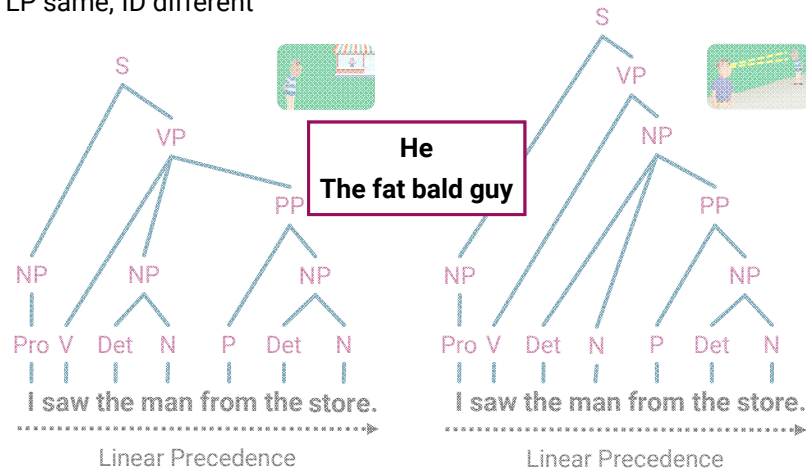
LP same; ID different



Store: karnoff/iStock/Getty Images; Peeking man: yusak_p/iStock/Getty Images; People: denis_pc/iStock/Thinkstock

Sentential Analysis with ID & LP

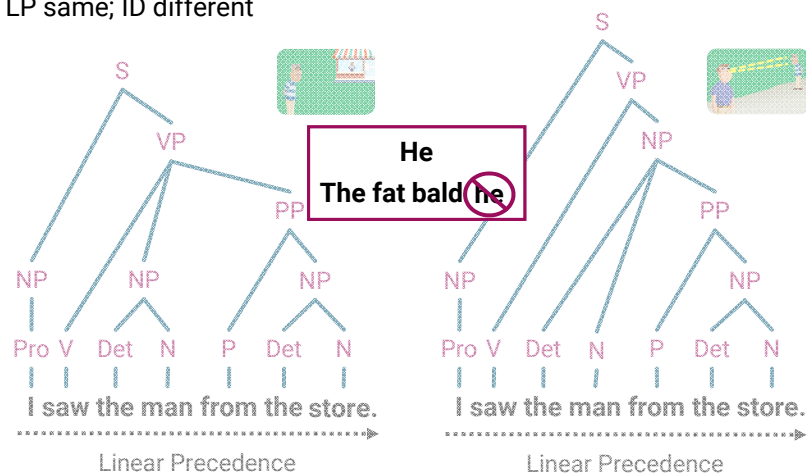
LP same; ID different



Store: karnoff/iStock/Getty Images; Peeking man: yusak_p/iStock/Getty Images; People: denis_pc/iStock/Thinkstock

Sentential Analysis with ID & LP

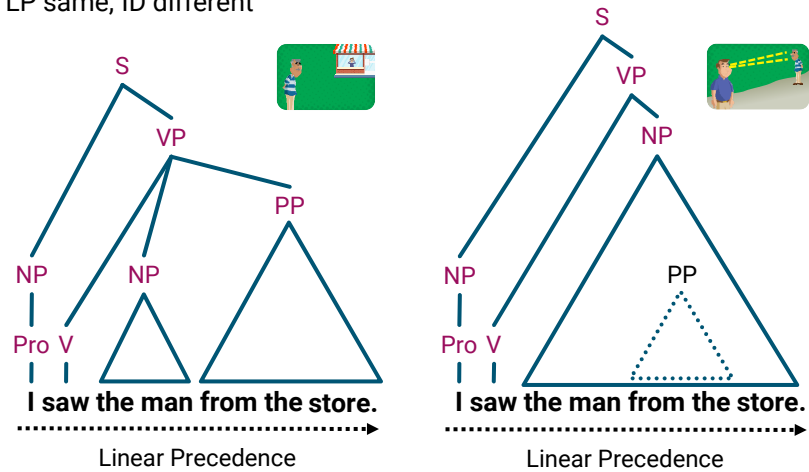
LP same; ID different



Store: karnoff/iStock/Getty Images; Peeking man: yusak_p/iStock/Getty Images; People: denis_pc/iStock/Thinkstock

Sentential Analysis with ID & LP

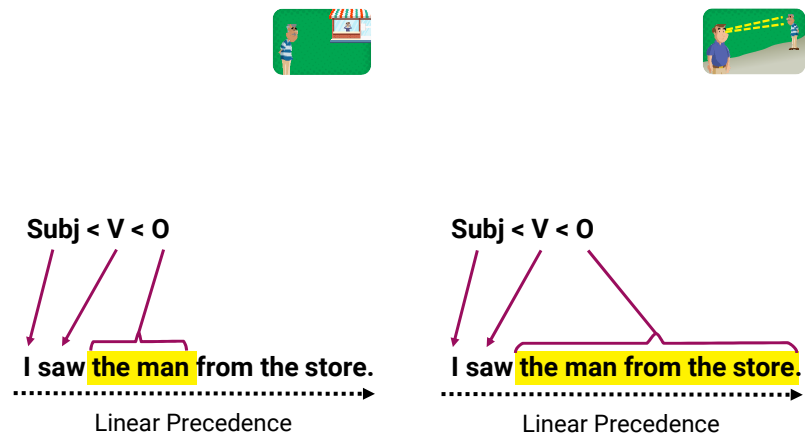
LP same; ID different



Store: karnoff/iStock/Getty Images; Peeking man: yusak_p/iStock/Getty Images; People: denis_pc/iStock/Thinkstock

Sentential Analysis with ID & LP

LP same; ID different



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