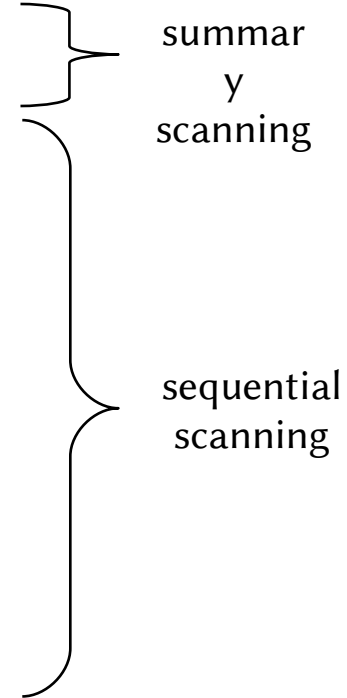


Morphosyntax & semantics – lecture 5

Scanning

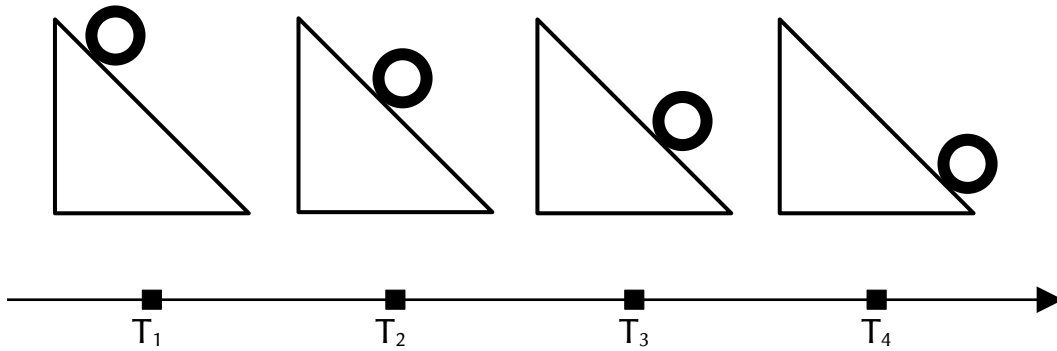
How to scan 77081385556?

- 77081385556
- 7→7→0→8→1→3→8→5→5→5→6
- 77→08→13→85→55→6
- 77→08→13→8→555→6
- 77→08→1385556
- 7708138555←←6
- ???7←←7←←0←←8←←1←←3←←8←←5←←5←←5←←6



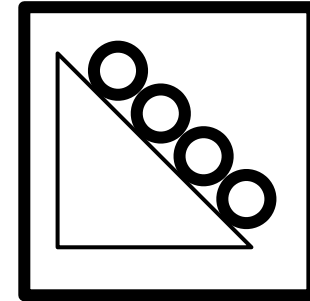
Nouns vs. verbs

Sequential scanning



It rolls down.

Summary scanning

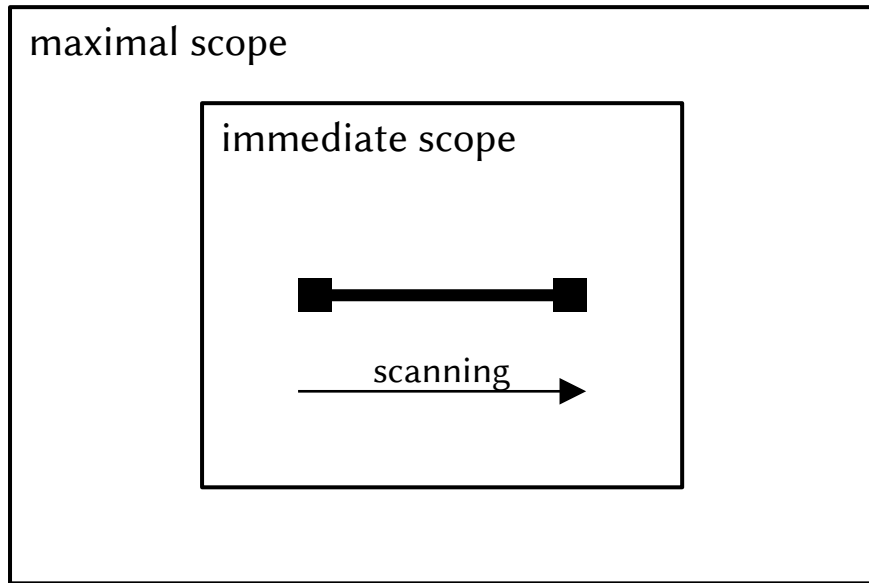


rolling down

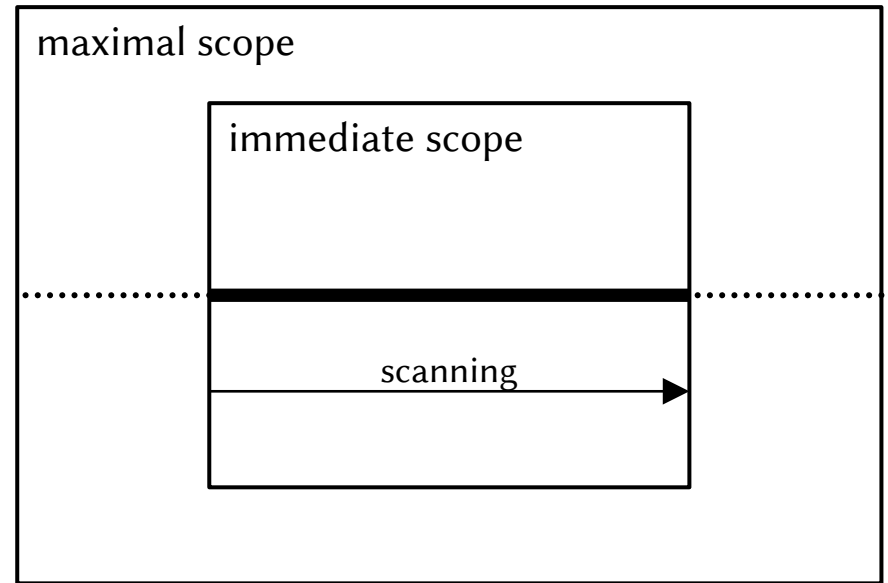
Subclasses of nouns and verbs

- When boundaries of a thing (mass nouns) or a process (imperfective verbs) are outside the immediate scope, scanning within the immediate scope does not reach boundaries.
- When boundaries of a thing (count nouns) or a process (perfective verbs) are inside the immediate scope, scanning within the immediate scope reaches boundaries.

Bounded vs. unbounded construals



bounded construal



unbounded construal

Scanning in spatial domains

- (1)(a) *The hill gently **rises** from the bank of the river.*
- (b) *The hill gently **falls** to the bank of the river.*
- (2)(a) *An ugly scar extends **from** his wrist **to** his elbow.*
- (b) *An ugly scar extends **from** his elbow **to** his wrist.*
- (c) *?An ugly scar extends **to** his wrist **from** his elbow.*

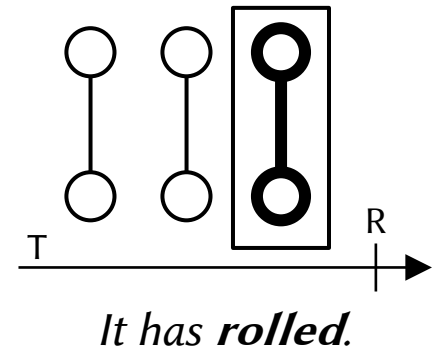
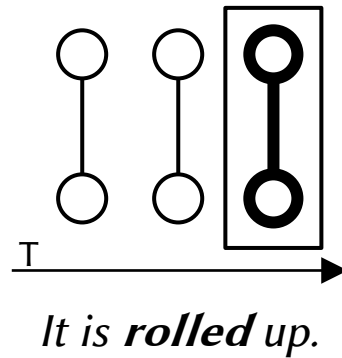
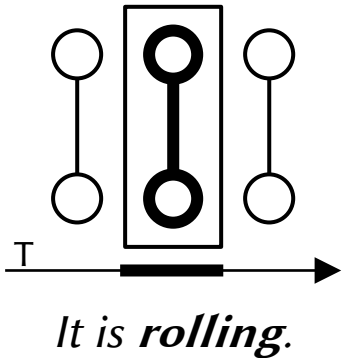
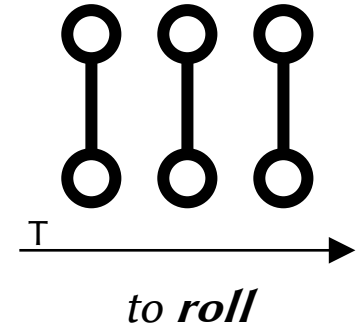
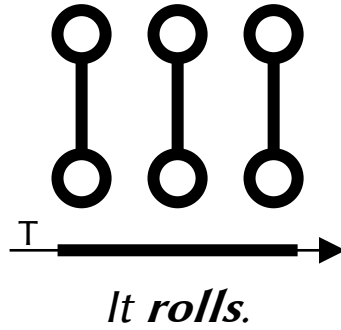
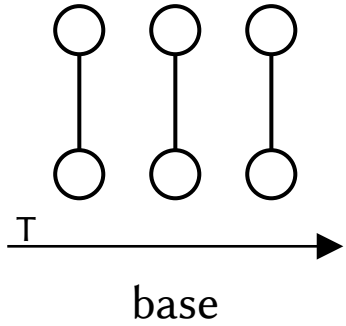
Scanning in non-spatial domains

- (3)(a) *Gestation period varies greatly **from one species to the next**.*
- (b) *I'll never get into a size 8, and a size 9 is probably **still** too small.*
- (c) *Don't mention calculus—elementary algebra is **already** too advanced for him.*
- (d) *Our Christmas tree **gets smaller** every year.*

Participles and infinitives

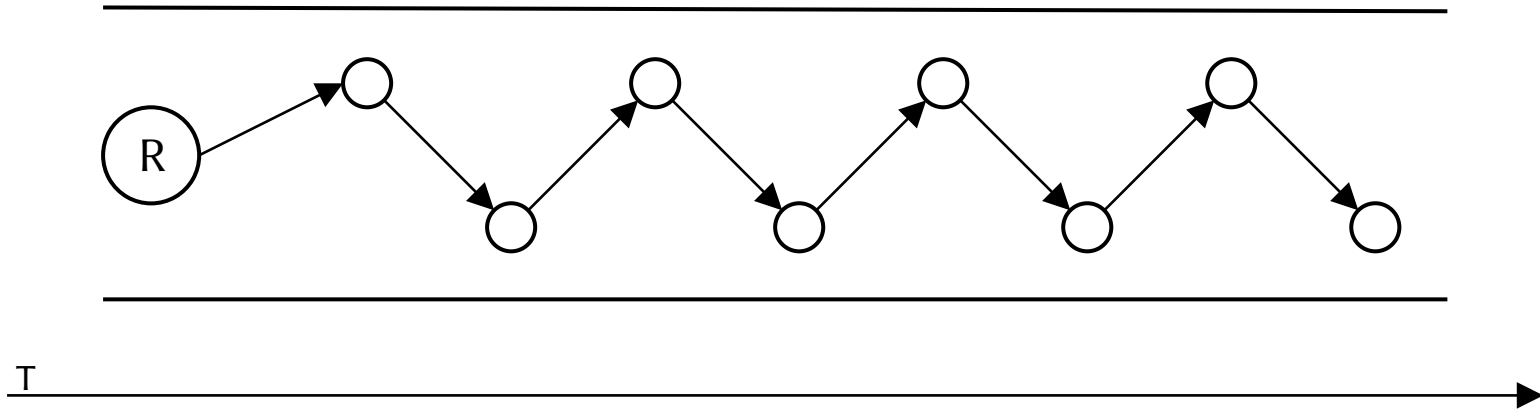
- The difference between the construal of participles, infinitives, and finite verbs is the difference in scanning and profiling.
- Finite verbs involve **sequential scanning** over time.
- Infinitives involve **summary scanning** of the entire process.
- Present participles (*-ing*) involve **summary scanning** that does not reach the limits of the process in the immediate scope.
- Past participles (*-ed*) involves **summary scanning of the final stage** of the process.

Participles and infinitives (cont.)



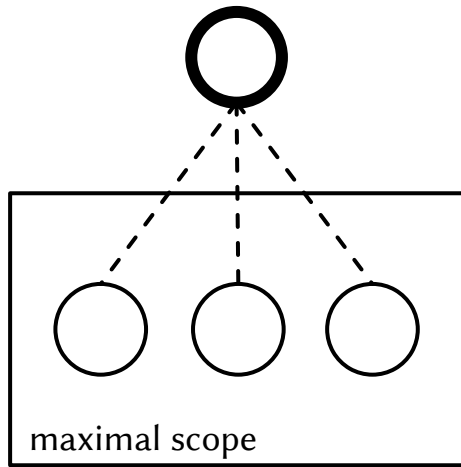
Scanning and fictive motion

(4) *There's a house **every now and then** through the valley.*

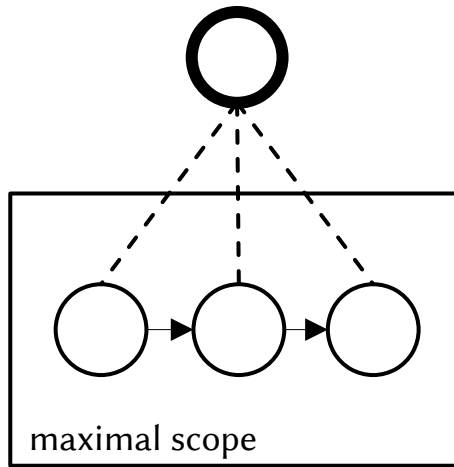


every, each, any

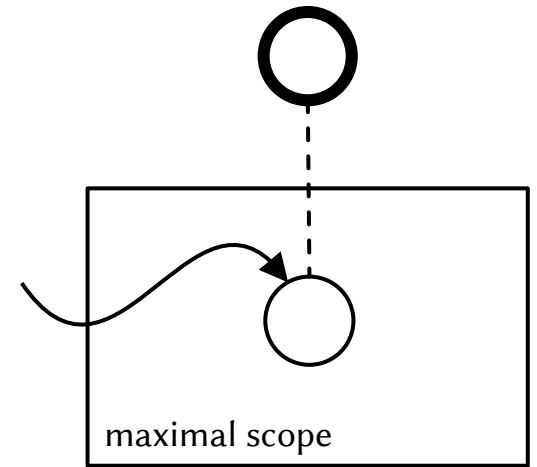
(5) *The air is so clear that you can see {every / each / any} peak in that mountain range.*



every



each



any

References

- Langacker, Ronald W. 2013. *Essentials of Cognitive Grammar*. Oxford-New York: Oxford University Press.
 - Sections 3.4.2, 3.5, 4.3.2, 14.2.2
- Langacker, Ronald W. 2008. *Cognitive Grammar. A Basic Introduction*. New York: Oxford University Press.
 - Sections 3.4.2, 3.5, 4.3.2, 14.2.2
- Langacker, Ronald W. 2016. *Nominal Structure in Cognitive Grammar: The Lublin Lectures*. Edited by Adam Głaz, Hubert Kowalewski, and Przemysław Łozowski. Lublin: MCSU Press.
 - Lecture 4, section A