

L98: Introduction to Computational Semantics

Pre-Lecture 2 Exercise: LESK

Simone Teufel and Weiwei Sun

Natural Language and Information Processing Research Group
Department of Computer Science and Technology
University of Cambridge

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Self-experiment: Wordnet Glosses

- This experiment is testing how much information is contained in a WN gloss (rather than in the synset combination itself)
- Task: Match the synsets with word lists from their glosses.
- Obviously, do this exercise without looking at WN, as a self-exercise
- It can help hone your understanding of WN's structure and information presentation (essential for Coursework 1)
- It also illustrates how the Lesk algorithm works

Match “home” synsets with context words (taken from glosses)

[home/1, place]

[home/2, dwelling, domicile, abode, habitation, dwelling house]

[home/3]

[home/4, home plate, home base, plate]

[home/5, base]

[home/6]

[home/7]

[home/8, family, household, house, menage]

[home/9, nursing home, rest home]

A: *built, homeless, housing, living, modest, money, pond, provide, raise*

B : *basketball, begin, flourish, place, state, unite*

C: *end, mission, place, start, station*

D: *deliver, go, live, package, particular, time*

E: *care, elderly, institution, people*

F: *affection, christian, environment, good, grow, heart, offer, place, security*

G: *canadian, city, company, country, enable, jersey, live, lumber, new, price, raise, state, tariffs, unite*

H: *accept, ask, asleep, christian, family, good, house, household, live, menage, move, people, refuse, social, teacher, together, unit, virginia, wait, whole, will*

I: *base, baseball, batter, consist, fail, rubber, rule, runner, score, slab, stand, touch*
