CIS530: Final Project
Semantic System

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1 Overview

- no(x)[man(x)][sleeps(x)]

In prose,

- For every x such that x is a man, x sleeps.
- For some x such that x is a man, x sleeps.
- For no x such that x is a man, x sleeps.

2 Interfaces

2.1 Global

GetLambda(lex, word) This interface takes a type of lexical item and a word string, and returns a lambda expression as specified in 1.1 that will be mapped to the subtree which contains the lexical item .
(pn==pronoun, iv==intranstive, tv==transtive cn==common noun, quant==quantifier)

2.2 class Semantics(tree, denotations)

__init__ A representation for a semantic meaning of a sentence. Semantics calculates a semantic meaning using a tree structure
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