## Directionality

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S -> ND VP Fragment John, NP; J' Sleeps = NP->s: >x.sleeps'x | sleeps' # Sleeps John. John sleeps. NP >S Sleeps == NP -> S : sleeps ] misel-teordic interpretations

sleeps. John := NP : j' loves Many. Many i= NP : m' NP -> S sleeps := NP -> S : Dx. Sleeps'x loves (= NP -> (NP -> S): XxXy.loves'xy NP -> (NP -> S) . 3' ( Xx ky, loves'xy) m' loves' 5'm' ( Hy, loves' m y) + S ! loves'm' J'

sleeps (= NP -> S = S NP loves != NP -> (NP -> 5) = (S\NP)/NP ( S \ NP ) John lares Many SINF