Category	Type	Example	Quasi-Logical Form
S	Sentence	I sleep.	$\exists\, e \;\; e \in (Sleep, Speaker)$ $\wedge\, During(Now, e)$
Adjective	$object \rightarrow sentence$	smelly	$\lambda x\ Smelly(x)$
Adverb	$event \rightarrow sentence$	today	$\lambda e\ During(e, Today)$
Article	Quantifier	the	$\exists!$
Conjunction	$sentence^2 \rightarrow sentence$	and	$\lambda p, q\ (p \wedge q)$
Digit	Number	7	7
Noun	$object \rightarrow sentence$	wumpus	$\lambda x\ Wumpus(x)$
Preposition	$object^2 \rightarrow sentence$	in	$\lambda x\ \lambda y\ In(x, y)$
Pronoun	Object	I	*Speaker*
Verb	$object^n \rightarrow sentence$	eats	$\lambda y\ \lambda x\ \exists\, e \;\; e \in Eats(x, y)$ $\wedge\, During(Now, e)$
NP	Object	a dog	$[\exists\, d\ Dog(d)]$
PP	$object^2 \rightarrow sentence$	in [2,2]	$\lambda x\ In(x, [2, 2])$
RelClause	$object \rightarrow sentence$	that sees me	$\lambda x\ \exists\, e \;\; e \in Sees(x, Speaker)$ $\wedge\, During(Now, e)$
VP	$object^n \rightarrow sentence$	sees me	$\lambda x\ \exists\, e \;\; e \in Sees(x, Speaker)$ $\wedge\, During(Now, e)$