sumo

Type of term
-f: function   -R/r: subclass/child of Relation
-m: math function   -F/f: subclass/child of Function
-c: comparison op   -P/p: subclass/child of Predicate
-l: logical op   -A/a: subclass/child of Attribute
-q: quantifier
                      -c/C: subclass/superclass
                      -i: instance
                      -s/S: subrelation/superrelation
                      -@: relation operator in formula

TermAttribute

-attr: char

File

-file: String
-version: String
-date: Date

has ▲

0..*

0..*

belongs to ▲   1..1

1..*

Synset

-posid: PartOfSpeech
-domain: LexDomain
-definition: String

1..* | maps to ▶ | 0..*

1..1   1..1

Term

-term: String
-ischildofAttribute bool
-ischildofFunction bool
-ischildofPredicate bool
-ischildofRelation bool
-iscomparisonop bool
-isfunction bool
-isinstance bool
-islogical bool
-ismath bool
-isquantifier bool
-isrelationop bool
-issubclass bool
-issubclassofAttribute bool
-issubclassofFunction bool
-issubclassofPredicate bool
-issubclassofRelation bool
-issubrelation bool
-issuperclass bool
-issuperrelation bool

0..* | appears in ▶ | 0..*

1..1   1..1

Formula

-formula: String

0..* | 0..*

Term_Synset

-type: {=,+,@,:,[,]}

0..* | 0..*

Formula_Arg

-type: {a,s,p,c}

Relation WN synset to
SUMO concept
= equivalent
+ subsumed
@ instance of
: complement(equivalent)
[complement(subsumed)
] complement(instanceof)

Relation of term to formula
-a: is argument
-p: is in premise
-c: is in conclusion
-s: is nested in statement