8. Intra-Propositional Coordination

8.1 Overview

8.1.1 Grammatical relations of the man, the woman, and the child

$$
\begin{bmatrix}\text{noun: man \&}\\ \text{fnc:}\\ \text{mdr:}\\ \text{nc: woman}\\ \text{pc:}\\ \text{prn: 26}\end{bmatrix}
\begin{bmatrix}\text{noun: woman}\\ \text{fnc:}\\ \text{mdr:}\\ \text{nc: child}\\ \text{pc: man}\\ \text{prn: 26}\end{bmatrix}
\begin{bmatrix}\text{noun: child}\\ \text{fnc:}\\ \text{mdr:}\\ \text{nc:}\\ \text{pc: woman}\\ \text{prn: 26}\end{bmatrix}
$$

8.1.2 Grammatical relations of The man, the woman, and the child slept

$$
\begin{bmatrix}\text{noun: man \&}\\ \text{fnc: sleep}\\ \text{mdr:}\\ \text{nc: woman}\\ \text{pc:}\\ \text{prn: 26}\end{bmatrix}
\begin{bmatrix}\text{noun: woman}\\ \text{fnc:}\\ \text{mdr:}\\ \text{nc: child}\\ \text{pc: man}\\ \text{prn: 26}\end{bmatrix}
\begin{bmatrix}\text{noun: child}\\ \text{fnc:}\\ \text{mdr:}\\ \text{nc:}\\ \text{pc: woman}\\ \text{prn: 26}\end{bmatrix}
\begin{bmatrix}\text{verb: sleep}\\ \text{arg: man \&}\\ \text{mdr:}\\ \text{nc:}\\ \text{pc:}\\ \text{prn: 26}\end{bmatrix}
$$

8.1.3 Different kinds of coordinations

1. *One simple noun coordination* (subject, cf. 8.2.1, 8.2.2)
   The man, the woman, and the child slept.
2. *One simple noun coordination* (object, 8.2.4, 8.2.5)
   John bought an apple, a pear, and a peach.
3. *Two simple noun coordinations* (subject object, cf. 8.2.3)
   The man, the woman, and the child bought an apple, a pear, and a peach.
4. *One simple verb coordination* (cf. 8.3.1, 8.3.2, 8.3.3)
   John bought, cooked, and ate the pizza.
5. *Three simple coordinations of noun, verb, and noun* (subject verb object)
   The man, the woman, and the child bought, cooked, and ate the steak, the potatoes, and the broccoli.
6. *One simple adjective coordination* (adnominal, cf. 8.3.4)
   John loves a smart, pretty, and rich girl.
7. *One simple adjective coordination* (adverbial, cf. 8.3.5)
   John talked gently, slowly, and seriously.

8. *One simple noun coordination in a prepositional phrase*
   The company has offices in London, Paris, and New York.
9. *One simple noun coordination in a genitive construction*
   John visited the house of Julia, Susanne, and Mary.
10. *One complex verb-object coordination* (subject gapping, cf. 8.4.1, 8.4.5)
   Bob ate an apple, # walked his dog, and # read a paper.
11. *One complex subject-object coordination* (verb gapping, cf. 8.5.1, 8.5.4)
   Bob ate an apple, Jim # a pear, and Bill # a peach.
12. *One complex subject-verb coordination* (object gapping,
   Bob bought #, Jim peeled #, and Bill ate the peach.

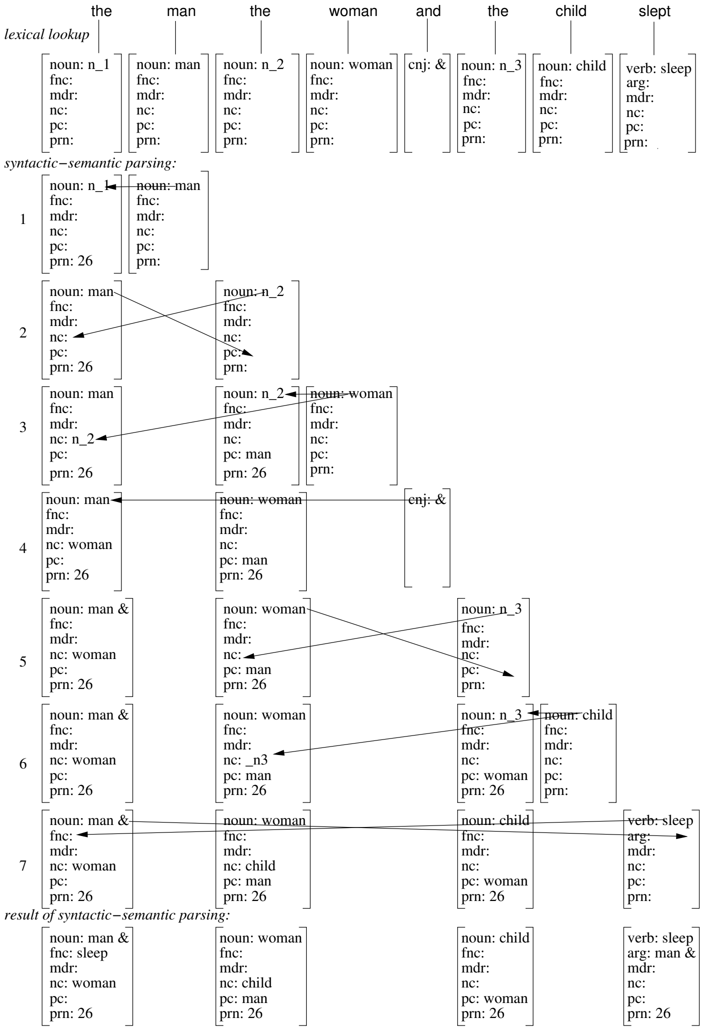
8.1.4 Comparing simple and complex coordination

(i) *two simple coordinations*
Bob, Jim, and Bill bought, peeled, and ate the peach.

(ii) *one complex coordination*
Bob bought #, Jim peeled #, and Bill ate the peach.

8.2 Simple Coordination of Nouns in Subject and Object Position

8.2.1 NOUN COORDINAT. (SUBJECT): The man, the woman, and the child slept



8.2.2 PRODUCTION OF The man the woman and the child slept.

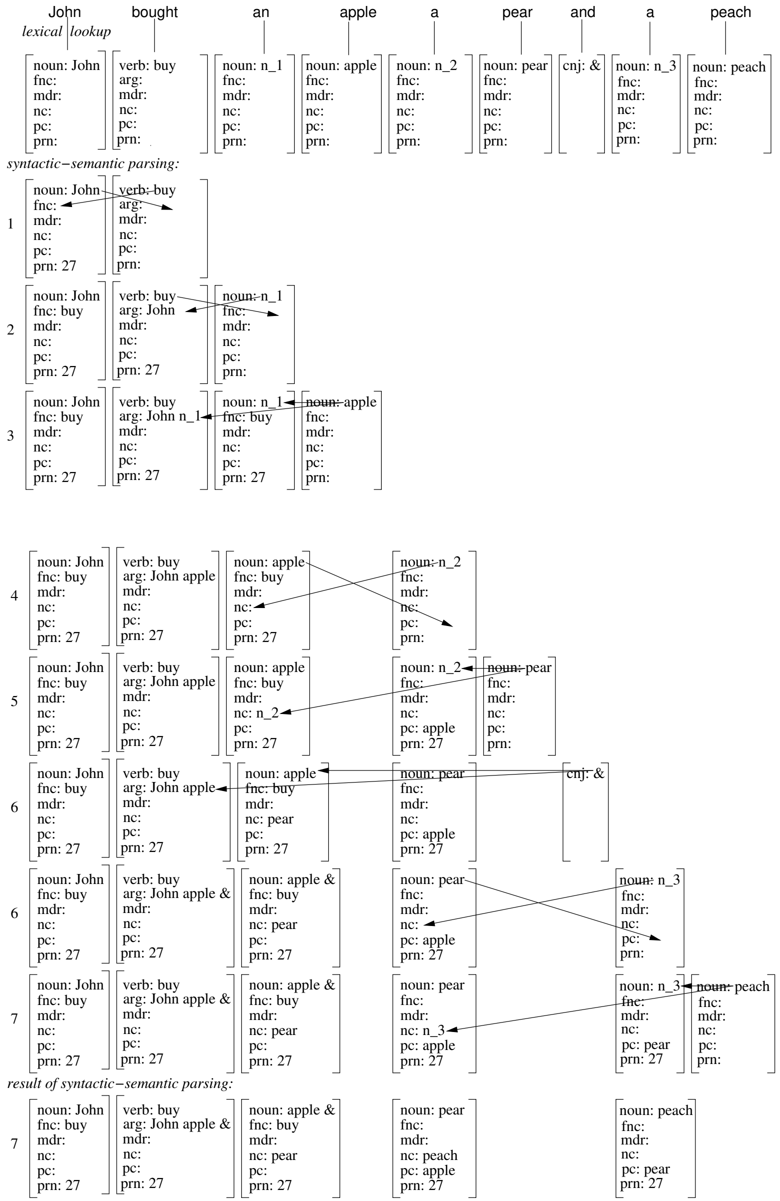
activated sequence *realization*

i.					
	V				
i.1		d			d
	V	N			
i.2		d nn			d nn
	V	N			
i.3		d nn	d		d nn d
	V	N	N		
i.4		d nn	d nn		d nn d nn
	V	N	N		
i.5		d nn cc	d nn		d nn d nn cc
	V	N	N		
i.6		d nn cc	d nn	d	d nn d nn cc d
	V	N	N	N	
i.7		d nn cc	d nn	d nn	d nn d nn cc d nn
	V	N	N	N	
i.8	fv	d nn cc	d nn	d nn	d nn d nn cc d nn fv
	V	N	N	N	
i.9	fv p	d nn cc	d nn	d nn	d nn d nn cc d nn fv p
	V	N	N	N	

8.2.3 Simple coordinations of subject and object nouns

noun: man &	noun: woman	noun: child	verb: buy	noun: apple &	noun: pear	noun: peach
fnc: buy	fnc:	fnc:	arg: man & apple &	fnc: buy	fnc:	fnc:
nc:	nc:	nc:		nc:	nc:	nc:
pc:	pc:	pc:		pc:	pc:	pc:

8.2.4 Noun coordination (object): John bought an apple, a pear, and a peach



8.2.5 PRODUCTION OF John bought an apple, a pear, and a peach.

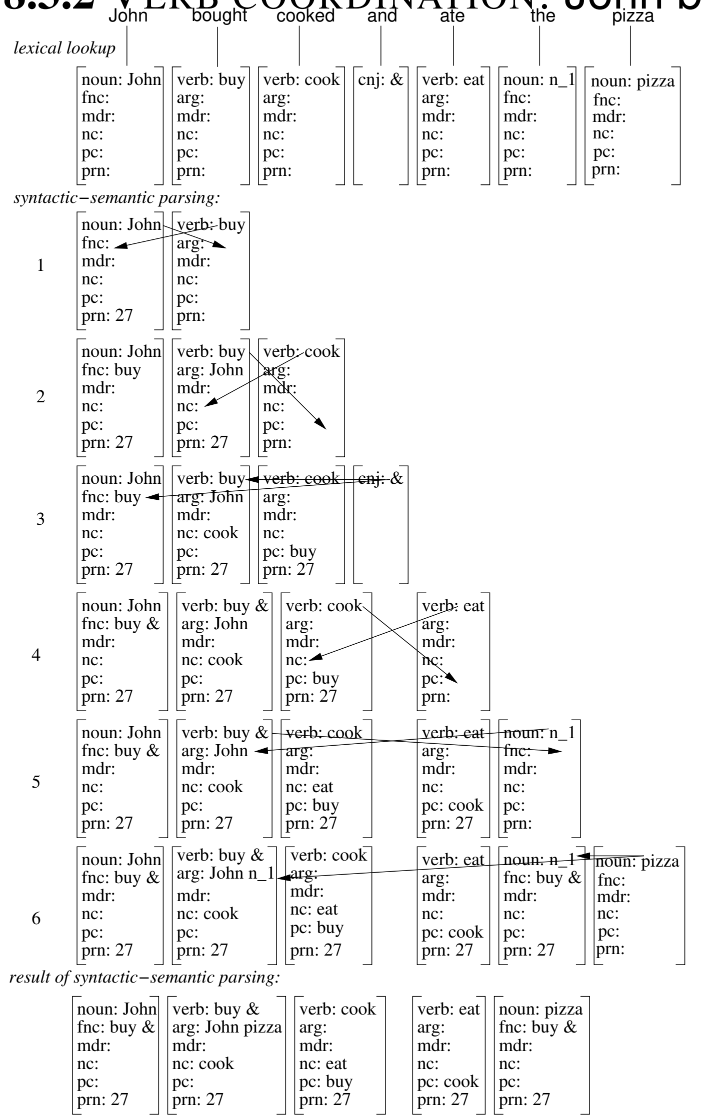
activated sequence						*realization*
i.						
	V					
i.1		n				n
	V	N				
i.2	fv	n				n fv
	V	N				
i.3	fv	n	d			n fv d
	V	N	N			
i.4	fv	n	d nn			n fv d nn
	V	N	N			
i.5	fv	n	d nn	d		n fv d nn d
	V	N	N			
i.6	fv	n	d nn	d nn		n fv d nn d nn
	V	N	N	N		
i.7	fv	n	d nn cc	d nn		n fv d nn d nn cc
	V	N	N	N		
i.8	fv	n	d nn cc	d nn	d	n fv d nn d nn cc d
	V	N	N	N	N	
i.9	fv	n	d nn cc	d nn	d nn	n fv d nn d nn cc d nn
	V	N	N	N	N	
i.10	fv p	n	d nn cc	d nn	d nn	n fv d nn d nn cc d nn p
	V	N	N	N	N	

8.3 Simple Coordination of Verbs and of Adjectives

8.3.1 Coordination of two-place verbs

noun: John	verb: buy &	verb: cook	verb: eat	noun: pizza
fnc: buy &	arg: John pizza	arg:	arg:	fnc: buy &
nc:	nc:	nc:	nc:	nc:
pc:	pc:	pc:	pc:	pc:

8.3.2 VERB COORDINATION: John bought, cooked, and ate the pizza



8.3.3 PRODUCTION OF John bought, cooked, and ate the pizza.

activated sequence						*realization*
i						
	V					
i.1		n				n
	V	N				
i.2	fv	n				n fv
	V	N				
i.3	fv	n	fv			n fv fv
	V	N	V			
i.4	fv cc	n	fv			n fv fv cc
	V	N	V			
i.5	fv cc	n	fv	fv		n fv fv cc fv
	V	N	V	V		
i.6	fv cc	n	fv	fv	d	n fv fv cc fv d
	V	N	V	V	N	
i.7	fv cc	n	fv	fv	d nn	n fv fv cc fv d nn
	V	N	V	V	N	
i.8	fv cc p	n	fv	fv	d nn	n fv fv cc fv d nn p
	V	N	V	V	N	

8.3.4 Adnominal coordination: John loves a smart, pretty, and rich girl

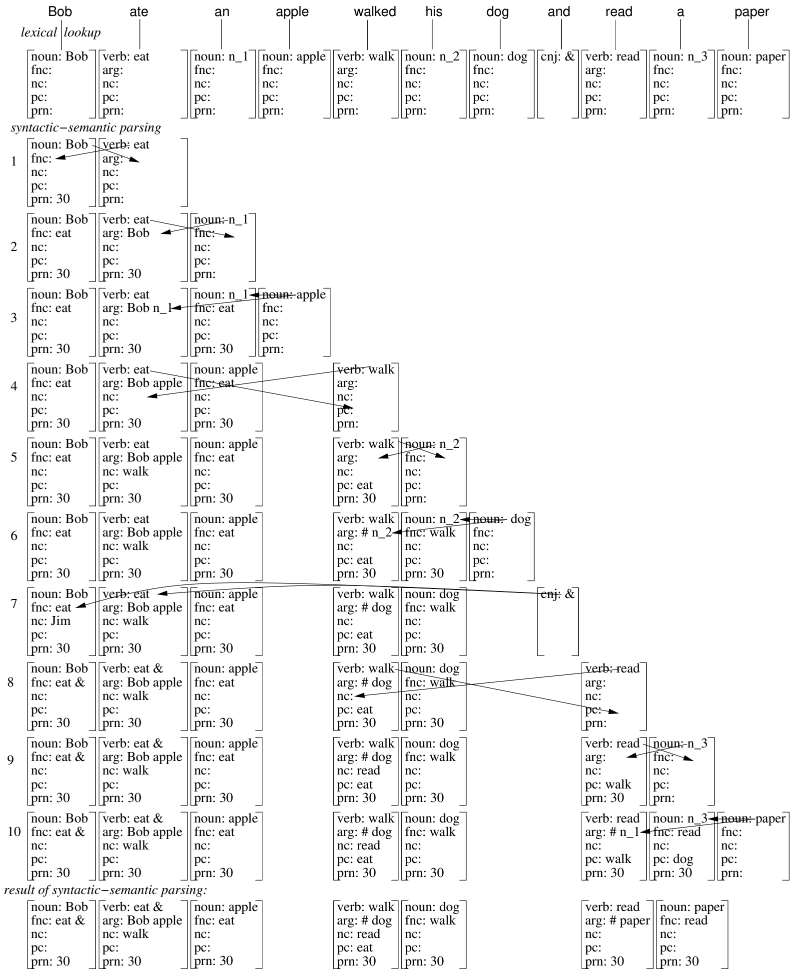
noun: John	verb: love	noun: girl	adj: smart &	adj: pretty	adj: rich
fnc: love	arg: John girl	fnc: love	mdr: B	mdr: B	mdr: B
mdr:	mdr::	mdr: smart &	mdd: girl	mdd:	mdd:
nc:	nc:	nc:	nc: pretty	nc: rich	nc:
pc:	pc:	pc:	pc:	pc: smart	pc: pretty
prn: 21	prn: 21	prn: 21	prn: 21	prn: 21	prn: 21

8.3.5 Adverbial coordination: John talked slowly, gently, and seriously

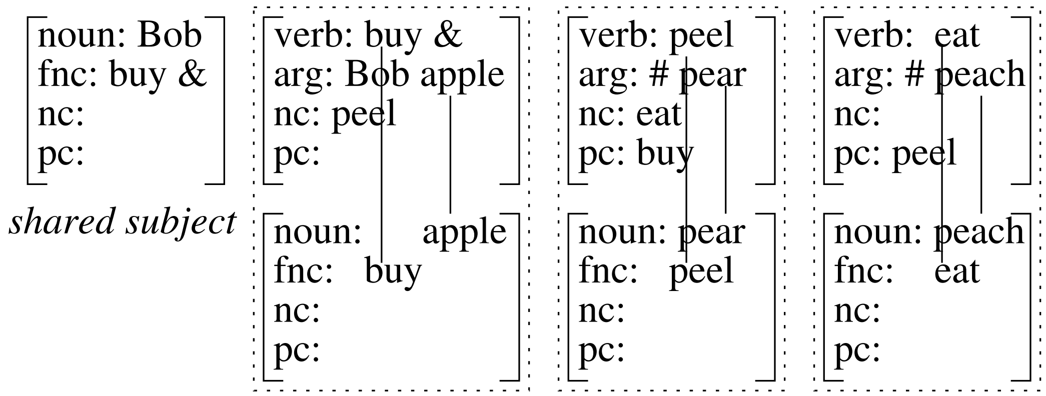
noun: John	verb: talk	adj: slow &	adj: gentle	adj: serious
fnc: talk	arg: John	mdr: B	mdr: B	mdr: B
mdr:	mdr: slow &	mdd: talk	mdd:	mdd:
nc:	nc:	nc: gentle	nc: serious	nc:
pc:	pc:	pc:	pc: slow	pc: gentle
prn: 29	prn: 29	prn: 29	prn: 29	prn: 29

8.4 Complex Coordination of Verbs and Objects: Subject Gapping

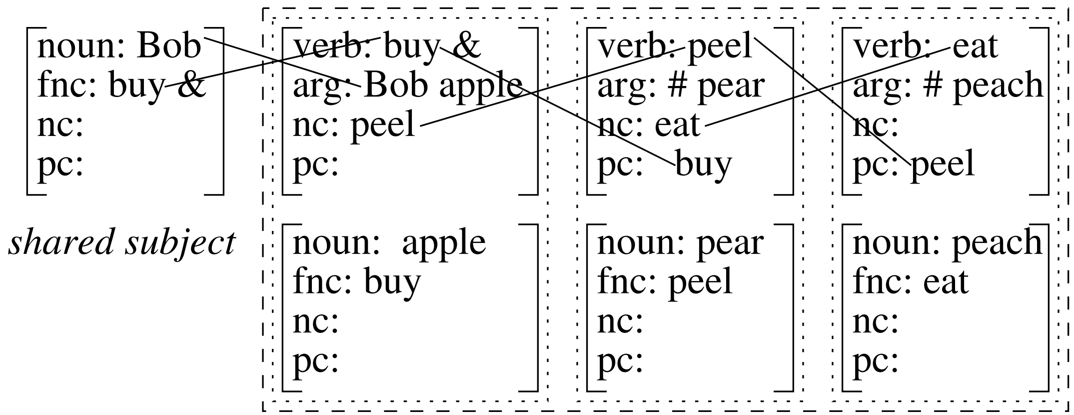
8.4.1 Bob ate an apple, # walked his dog, and # read a paper



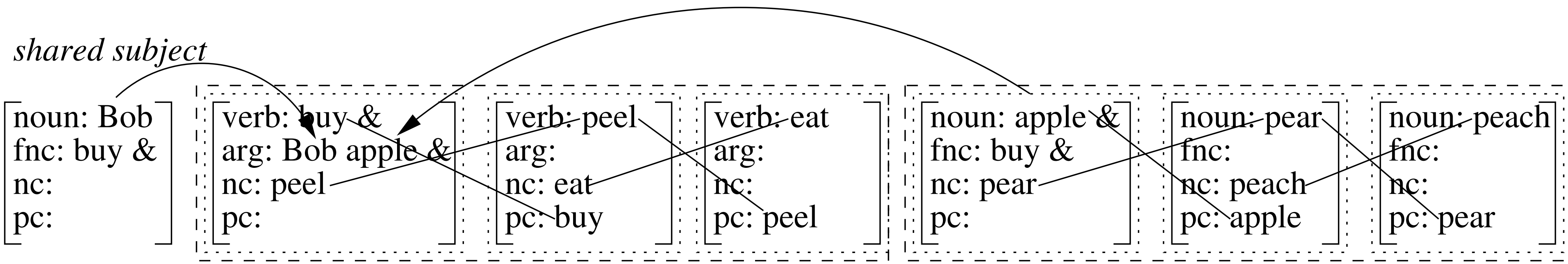
8.4.2 Intra-conjunct relations of complex verb-object coordinat.



8.4.3 Extra-conjunct relations of complex verb-object coordinat.



8.4.4 Corresponding simple verb and object coordinations

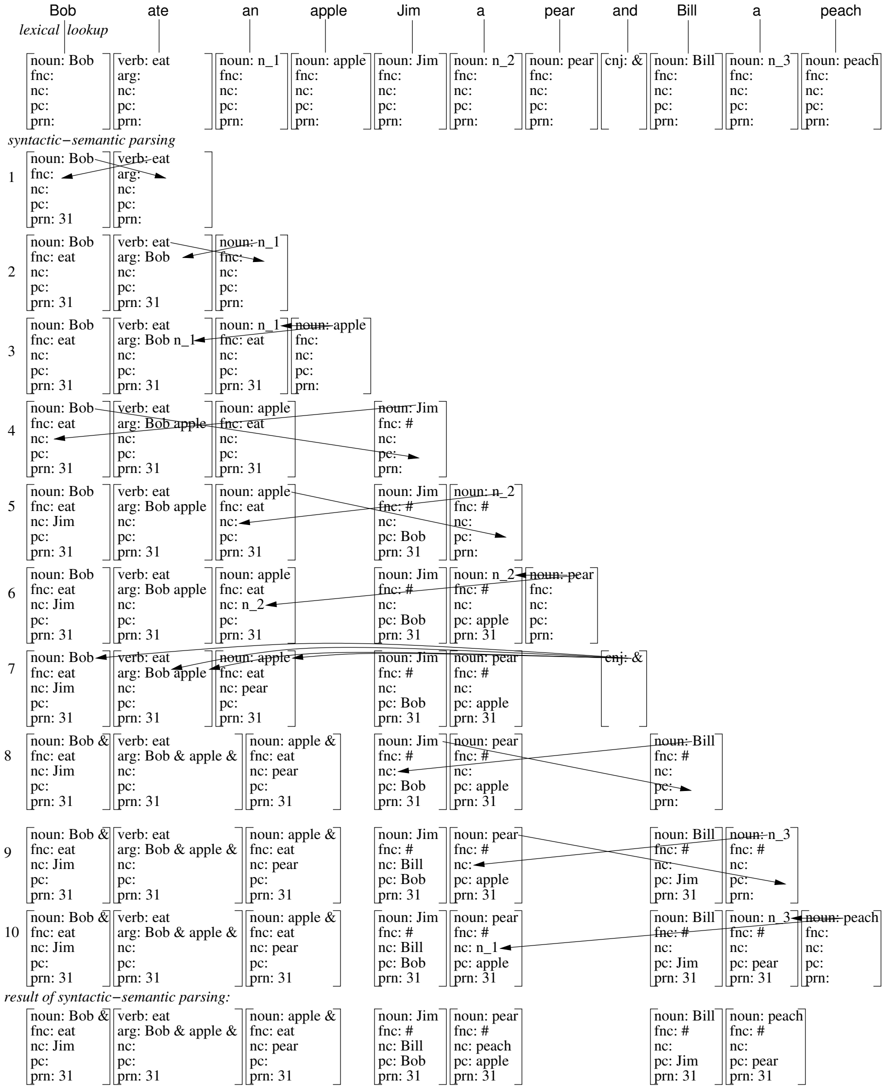


8.4.5 PRODUCTION OF Bob ate an apple, walked his dog, and read a paper.

	activated sequence							*realization*
i								
	V							
i.1		n						n
	V	N						
i.2	fv	n						n fv
	V	N						
i.3	fv	n	d					n fv d
	V	N	N					
i.4	fv	n	d nn					n fv d nn
	V	N	N					
i.5	fv	n	d nn	fv				n fv d nn fv
	V	N	N	V				
i.6	fv	n	d nn	fv	d			n fv d nn fv d
	V	N	N	V	N			
i.7	fv	n	d nn	fv	d nn			n fv d nn fv d nn
	V	N	N	V	N			
i.8	fv cc	n	d nn	fv	d nn			n fv d nn fv d nn cc
	V	N	N	V	N			
i.9	fv cc	n	d nn	fv	d nn	fv		n fv d nn fv d nn cc fv
	V	N	N	V	N	V		
i.10	fv cc	n	d nn	fv	d nn	fv	d	n fv d nn fv d nn cc fv d
	V	N	N	V	N	V	N	
i.11	fv cc	n	d nn	fv	d nn	fv	d nn	n fv d nn fv d nn cc fv d nn
	V	N	N	V	N	V	N	
i.12	fv cc p	n	d nn	fv	d nn	fv	d nn	n fv d nn fv d nn cc fv d nn p
	V	N	N	V	N	V	N	

8.5 Complex Coordination of Subjects and Objects: Verb Gapping

8.5.1 Verb gapping: Bob ate an apple, Jim # a pear, and Bill # a peach



8.5.2 Grammatical relations in complex subject-object coordinat.

verb: eat arg: Bob & apple & nc: pc: prn: 31	noun: Bob & fnc: eat nc: Jim pc: prn: 31	noun: Jim fnc: # nc: Bill pc: Bob prn: 31	noun: Bill fnc: # nc: pc: Jim prn: 31
shared vcrb	noun: apple & fnc: eat nc: pear pc: prn: 31	noun: pear fnc: # nc: peach pc: apple prn: 31	noun: peach fnc: # nc: pc: pear prn: 31

8.5.3 Grammatical relations in simple subject and object coordinat.

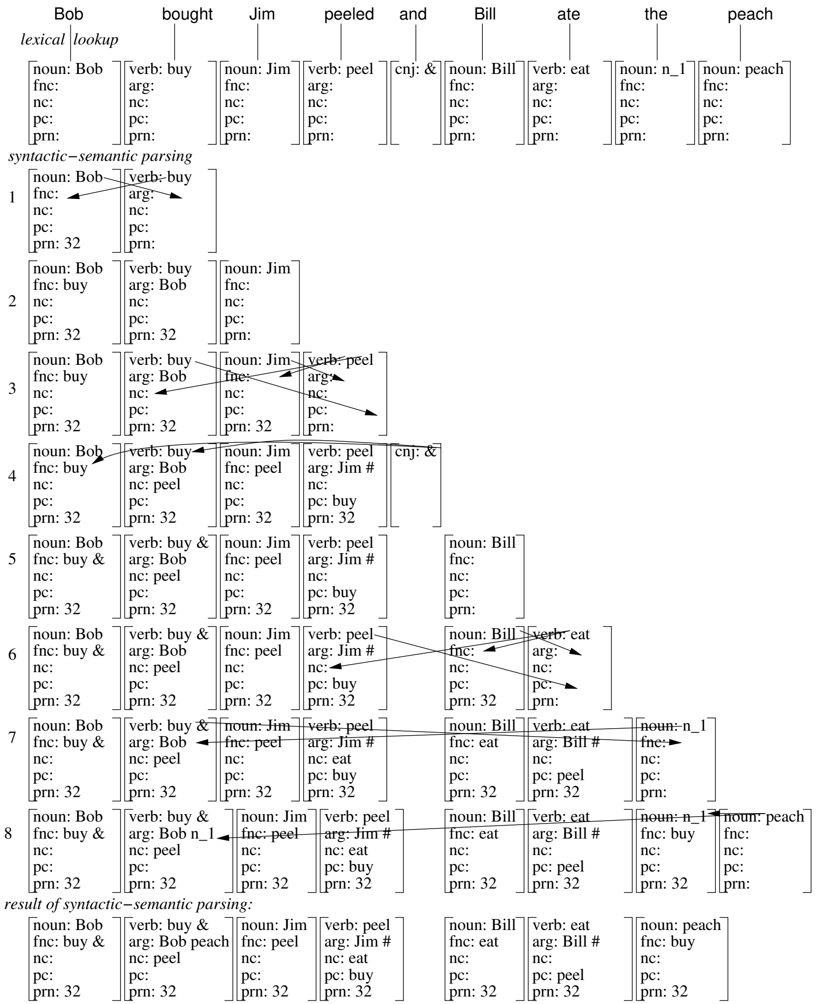
noun: Bob & fnc: eat nc: Jim pc: prn: 31	noun: Jim fnc: nc: Bill pc: Bob prn: 31	noun: Bill fnc: nc: pc: Jim prn: 31	verb: eat arg: Bob & apple & nc: pc: prn: 31	noun: apple & fnc: eat nc: pear pc: prn: 31	noun: pear fnc: nc: peach pc: apple prn: 31	noun: peach fnc: nc: pc: pear prn: 31

8.5.4 PRODUCTION OF Bob ate an apple, Jim a pear, and Bill a peach.

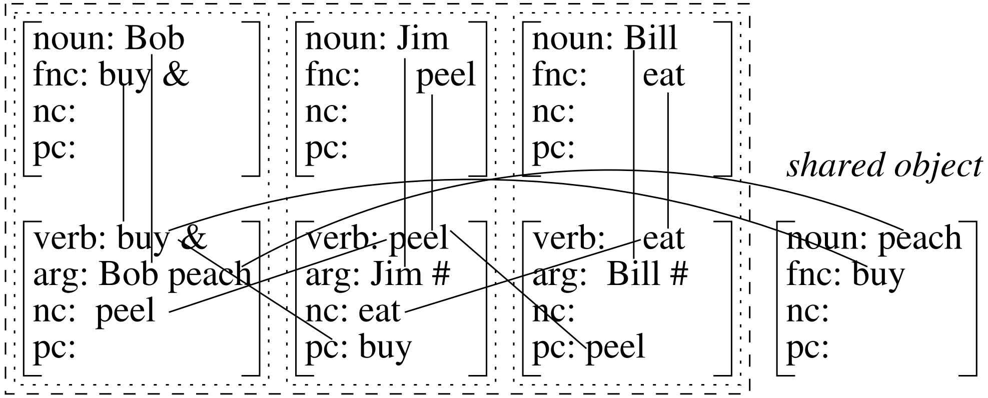
activated sequence								*realization*
i								
	V							
i.1		n						n
	V	N						
i.2	fv	n						n fv
	V	N						
i.3	fv	n	d					n fv d
	V	N	N					
i.4	fv	n	d nn					n fv d nn
	V	N	N					
i.5	fv	n	d nn	n				n fv d nn n
	V	N	N	N				
i.6	fv	n	d nn	n	d			n fv d nn n d
	V	N	N	N	N			
i.7	fv	n	d nn	n	d nn			n fv d nn n d nn
	V	N	N	N	N			
i.8	fv cc	n	d nn	n	d nn			n fv d nn n d nn cc
	V	N	N	N	N			
i.9	fv cc	n	d nn	n	d nn	n		n fv d nn fv d nn cc n
	V	N	N	N	N	N		
i.10	fv cc	n	d nn	n	d nn	n	d	n fv d nn n d nn cc n d
	V	N	N	N	N	N	N	
i.11	fv cc	n	d nn	n	d nn	n	d nn	n fv d nn n d nn cc n d nn
	V	N	N	N	N	N	N	
i.12	fv cc p	n	d nn	n	d nn	n	d nn	n fv d nn n d nn cc n d nn p
	V	N	N	N	N	N	N	

8.6 Complex Coordination of Subjects and Verbs: Object Gapping

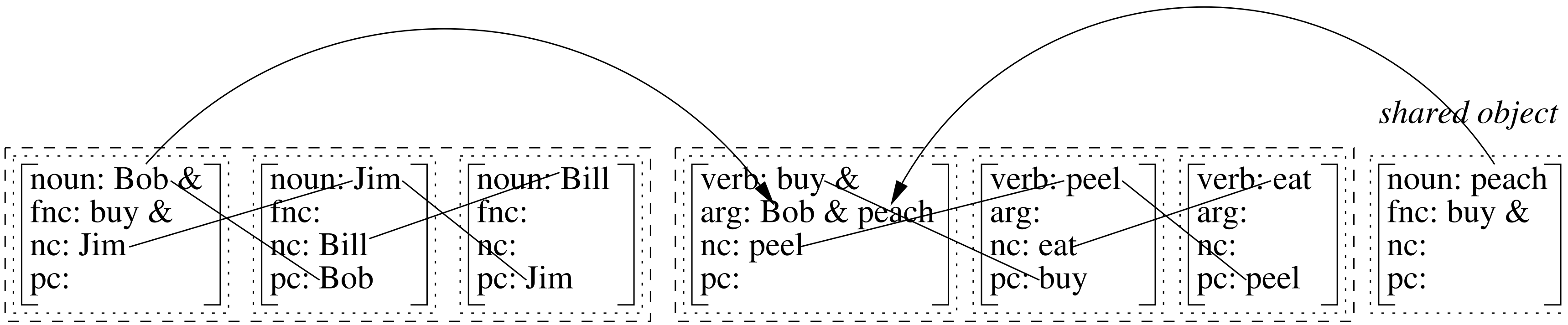
8.6.1 Object gapping: Bob bought #, Jim peeled #, and Bill ate the peach



8.6.2 Grammatical relations in complex subject-verb coordination



8.6.3 Relations in simple subject and verb coordinations



8.6.4 PRODUCTION OF Bob bought, Jim peeled, and Bill ate the peach.

	activated sequence							*realization*
i								
	V							
i.1		n						n
	V	N						
i.2	fv	n						n fv
	V	N						
i.3	fv	n		n				n fv n
	V	N	V	N				
i.4	fv	n	fv	n				n fv n fv
	V	N	V	N				
i.5	fv cc	n	fv	n				n fv n fv cc
	V	N	V	N				
i.6	fv cc	n	fv	n		n		n fv n fv cc n
	V	N	V	N	V	N		
i.7	fv cc	n	fv	n	fv	n		n fv n fv cc n fv
	V	N	V	N	V	N		
i.8	fv cc	n	fv	n	fv	n	d	n fv n fv cc n fv d
	V	N	V	N	V	N	N	
i.9	fv cc	n	fv	n	fv	n	d	n fv n fv cc n fv d nn
	V	N	V	N	V	N	N	
i.10	fv cc p	n	fv	n	fv	n	d nn	n fv n fv cc n fv d nn p
	V	N	V	N	V	N	N	