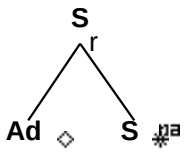
# Family "advs-adjs"

March 5, 2008

## 1 Tree "betaARBs"

### 1.1 graphe




### 1.2 comments

```
Sentential adverbial tree
Adverb on the left of the sentence
 'Obviously John loves Mary'
```

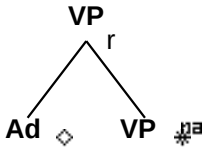
### 1.3 features

```
S.t:<comp> = nil
S.t:<comp> = S_r.b:<comp>
S.t:<assign-comp> = S_r.b:<assign-comp>
S.t:<tense> = S_r.b:<tense>
S.t:<extracted> = S_r.b:<extracted>
S.t:<conj> = S_r.b:<conj>
S.t:<mode> = S_r.b:<mode>
S.t:<assign-case> = S_r.b:<assign-case>
S.t:<agr> = S_r.b:<agr>

Ad.t:<wh>= S_r.b:<wh>
S_r.b:<inv> = S.t:<inv>
S_r.b:<invlink> = S_r.b:<inv>
S.b:<comp> = nil
S_r.b:<nocomp-mode> = S.t:<nocomp-mode>
```

# 2 Tree "betaARBvx"

## 2.1 graphe




## 2.2 comments

```
adverb modifies verb phrase on the left

John obviously loves Mary
```

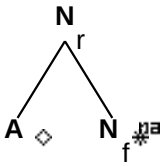
## 2.3 features

```
VP_r.b:<passive> = VP.t:<passive>
VP_r.b:<mainv> = VP.t:<mainv>
VP_r.b:<mode> = VP.t:<mode>
VP_r.b:<assign-comp> = VP.t:<assign-comp>
VP_r.b:<agr> = VP.t:<agr>
VP_r.b:<tense> = VP.t:<tense>
VP_r.b:<assign-case> = VP.t:<assign-case>


VP_r.b:<conj> = VP.t:<conj>
Ad.t:<compar> = VP_r.b:<compar>
VP_r.b:<equiv> = Ad.t:<equiv>
Ad.t:<equiv> = -
```

# 3 Tree "betaAn"

## 3.1 graphe




## 3.2 comments

```
Adjective
```

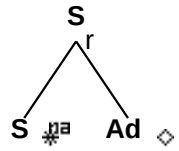
### 3.3 features

```
N_r.b:<case> = N_f.t:<case>
N_r.b:<agr> = N_f.t:<agr>
N_r.b:<assign-comp> = N_f.t:<assign-comp>
N_r.b:<pron> = N_f.t:<pron>
N_r.b:<wh> = N_f.t:<wh>

N_r.b:<conj> = N_f.t:<conj>
N_r.b:<card> = N_f.t:<card>
N_r.b:<const> = N_f.t:<const>
N_r.b:<quan> = N_f.t:<quan>
N_r.b:<decreas> = N_f.t:<decreas>
N_r.b:<definite> = N_f.t:<definite>
N_r.b:<gen> = N_f.t:<gen>
N_f.t:<compar> = -
N_r.b:<compar> = A.t:<compar>
N_r.b:<equiv> = -
```

## 4 Tree "betasARB"

### 4.1 graphe




### 4.2 comments

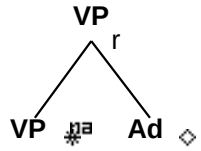
```
Sentential adverbial tree
Adverb on  the right of the sentence
```

### 4.3 features

```
S.t:<comp> = nil
S.t:<comp> = S_r.b:<comp>
S.t:<conj> = S_r.b:<conj>
S.t:<extracted> = S_r.b:<extracted>
S.t:<assign-comp> = S_r.b:<assign-comp>
S.t:<tense> = S_r.b:<tense>
S.t:<wh> = S_r.b:<wh>
S.t:<inv> = S_r.b:<inv>
S.t:<invlink> = S_r.b:<invlink>
S.t:<mode> = S_r.b:<mode>
S.t:<assign-case> = S_r.b:<assign-case>
S.t:<agr> = S_r.b:<agr>
```

# 5 Tree "betavxARB"

## 5.1 graphe




## 5.2 comments

NIL

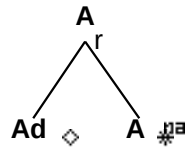
## 5.3 features

```
VP_r.b:<agr> = VP.t:<agr>
VP_r.b:<mode> = VP.t:<mode>
VP_r.b:<mainv> = VP.t:<mainv>
VP_r.b:<tense> = VP.t:<tense>
VP_r.b:<assign-comp> = VP.t:<assign-comp>
VP_r.b:<assign-case> = VP.t:<assign-case>

VP_r.b:<passive> = VP.t:<passive>
VP_r.b:<conj> = VP.t:<conj>
VP_r.b:<compar> = Ad.t:<compar>
VP_r.b:<equiv> = Ad.t:<equiv>
VP.t:<mainv> = +
```

# 6 Tree "betaARBa"

## 6.1 graphe




## 6.2 comments

NIL

## 6.3 features

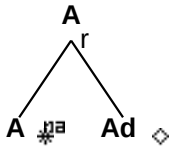
```
A_r.b:<wh> = Ad.t:<wh>
A.t:<wh> = -

A_r.b:<assign-comp> = A.t:<assign-comp>
```

A_r.b:<conj> = A.t:<conj>
A_r.b:<compar> = A.t:<compar>
A_r.b:<equiv> = A.t:<equiv>
A_r.b:<super> = A.t:<super>

# 7 Tree "betaaARB"

## 7.1 graphe




## 7.2 comments

Adverb post modifies the adjective.
Only selected by one adverb, 'enough'

'hot enough'

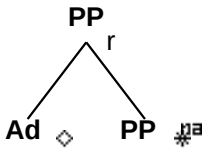
## 7.3 features

A.t:<wh> = -

A_r.b:<assign-comp> = A.t:<assign-comp>
A_r.b:<conj> = A.t:<conj>
A_r.b:<compar> = A.t:<compar>
A_r.b:<equiv> = A.t:<equiv>
A_r.b:<super> = A.t:<super>

# 8 Tree "betaARBpx"

## 8.1 graphe




## 8.2 comments

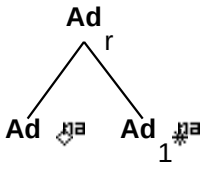
NIL

### 8.3 features

```
PP_r.b:<assign-comp> = PP.t:<assign-comp>
PP_r.b:<conj> = PP.t:<conj>
```

## 9 Tree "betaARBarb"

### 9.1 graphe




### 9.2 comments

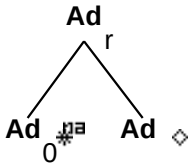
```
NIL
```

### 9.3 features

```
Ad_r.b:<assign-comp> = Ad_1.t:<assign-comp>
Ad_r.b:<conj> = Ad_1.t:<conj>
Ad_r.b:<compar> = Ad_1.t:<compar>
Ad_r.b:<equiv> = Ad_1.t:<equiv>
```

## 10 Tree "betaarbARB"

### 10.1 graphe




### 10.2 comments

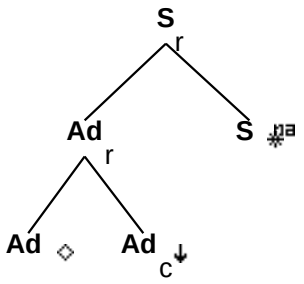
```
NIL
```

### 10.3 features

```
Ad_r.b:<assign-comp> = Ad_0.t:<assign-comp>
Ad_r.b:<conj> = Ad_0.t:<conj>
Ad_r.b:<compar> = -
Ad_0.t:<compar> = -
Ad_r.b:<equiv> = Ad_0.t:<equiv>
```

# 11 Tree "betaARBarbs"

## 11.1 graphe




## 11.2 comments

NIL

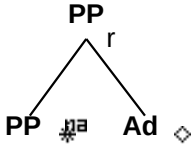
## 11.3 features

```
Ad.t:<wh> = +
S.t:<comp> = nil
S.t:<comp> = S_r.b:<comp>
S.t:<assign-comp> = S_r.b:<assign-comp>
S.t:<tense> = S_r.b:<tense>
S.t:<conj> = S_r.b:<conj>
S.t:<extracted> = S_r.b:<extracted>
S.t:<mode> = S_r.b:<mode>
S.t:<assign-case> = S_r.b:<assign-case>
S.t:<agr> = S_r.b:<agr>

Ad.t:<wh>= Ad_r.b:<wh>
Ad_r.t:<wh> = S_r.b:<wh>
S_r.b:<inv> = S.t:<inv>
S_r.b:<invlink> = S_r.b:<inv>
S.b:<comp> = nil
S.t:<inv> = +
S_r.b:<nocomp-mode> = S.t:<nocomp-mode>
```

# 12 Tree "betapxARB"

## 12.1 graphe



### 12.2 comments

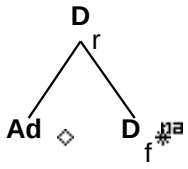
NIL

### 12.3 features

```
PP_r.b:<assign-comp> = PP.t:<assign-comp>
PP.t:<conj> = PP_r.b:<conj>
```

## 13 Tree "betaARBd"

### 13.1 graphe




### 13.2 comments

NIL

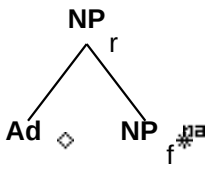
### 13.3 features

```
D_r.b:<agr> = D_f.t:<agr>
D_r.b:<definite> = D_f.t:<definite>
D_r.b:<quan> = D_f.t:<quan>
D_r.b:<card> = D_f.t:<card>
D_r.b:<gen> = D_f.t:<gen>
D_r.b:<decreas> = D_f.t:<decreas>

D_r.b:<assign-comp> = D_f.t:<assign-comp>
D_f.t:<conj> = D_r.b:<conj>
D_r.b:<wh> = Ad.t:<wh>
```

## 14 Tree "betaARBnx"

### 14.1 graphe



### 14.2 comments

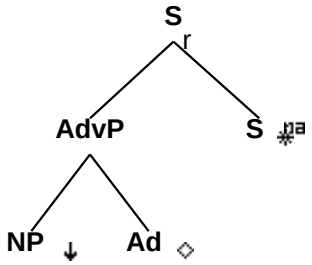
ADverbs that adjoin onto all NPs - Mass, plural, fullNP with determiner, and
Proper Nouns.  The adverbs 'even', 'only', 'just', and 'especially' select this tree.

### 14.3 features

NP_r.b:<case> = NP_f.t:<case>
NP_r.b:<wh> = NP_f.t:<wh>
NP_r.b:<agr> = NP_f.t:<agr>
NP_r.b:<pron> = NP_f.t:<pron>
NP_r.b:<refl> = NP_f.t:<refl>
NP_r.b:<conj> = NP_f.t:<conj>
NP_r.b:<card> = NP_f.t:<card>
NP_r.b:<const> = NP_f.t:<const>
NP_r.b:<quan> = NP_f.t:<quan>
NP_r.b:<decreas> = NP_f.t:<decreas>
NP_r.b:<definite> = NP_f.t:<definite>
NP_r.b:<gen> = NP_f.t:<gen>
Ad.t:<compar> = -

## 15 Tree "betanxARBs"

### 15.1 graphe




### 15.2 comments

Time adverbial phrases to the left of the S:
three days ago John had a party

### 15.3 features

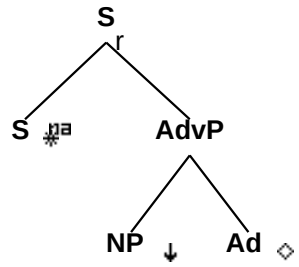
S.t:<comp> = nil
S.t:<comp> = S_r.b:<comp>
S.t:<assign-comp> = S_r.b:<assign-comp>
S.t:<tense> = S_r.b:<tense>
S.t:<extracted> = S_r.b:<extracted>
S_r.b:<conj> = S.t:<conj>
S.t:<mode> = S_r.b:<mode>
S.t:<assign-case> = S_r.b:<assign-case>

S.t:<agr> = S_r.b:<agr>

Ad.t:<wh> = AdvP.b:<wh>
AdvP.t:<wh>= S_r.b:<wh>
S_r.b:<inv> = S.t:<inv>
S_r.b:<invlink> = S_r.b:<inv>
S.b:<comp> = nil
S.b:<comp> = nil
NP.t:<case> = nom/acc
S_r.b:<nocomp-mode> = S.t:<nocomp-mode>

# 16 Tree "betasnxARB"

## 16.1 graphe




## 16.2 comments

Time adverbials to the right of the S:
John had a party three days ago

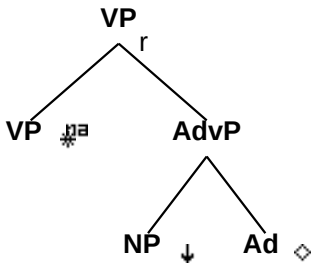
## 16.3 features

S.t:<comp> = nil
S.t:<comp> = S_r.b:<comp>
S.t:<assign-comp> = S_r.b:<assign-comp>
S.t:<tense> = S_r.b:<tense>
S.t:<mode> = S_r.b:<mode>
S_r.b:<conj> = S.t:<conj>
S.t:<assign-case> = S_r.b:<assign-case>
S.t:<agr> = S_r.b:<agr>

S.t:<inv> = S_r.b:<inv>
S.t:<invlink> = S_r.b:<invlink>
S.t:<wh> = S_r.b:<wh>
S.t:<extracted> = S_r.b:<extracted>
NP.t:<case> = nom/acc

# 17 Tree "betavxnxARB"

## 17.1 graphe




## 17.2 comments

NIL

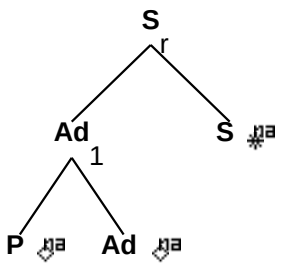
## 17.3 features

```
VP_r.b:<agr> = VP.t:<agr>
VP_r.b:<mode> = VP.t:<mode>
VP_r.b:<mainv> = VP.t:<mainv>
VP_r.b:<tense> = VP.t:<tense>
VP_r.b:<assign-comp> = VP.t:<assign-comp>
VP_r.b:<assign-case> = VP.t:<assign-case>

VP_r.b:<passive> = VP.t:<passive>
VP_r.b:<conj> = VP.t:<conj>
VP_r.b:<compar> = VP.t:<compar>
VP_r.b:<equiv> = VP.t:<equiv>
VP_r.b:<super> = VP.t:<super>
VP.t:<mainv> = +
NP.t:<case> = nom/acc
```

# 18 Tree "betaPARBs"

## 18.1 graphe



### 18.2 comments

Sentential adverbial tree
Adverb on the left of the sentence
Multi-word Adverb, first word is Prep, second word is Adj
'At least it has a little dash.'

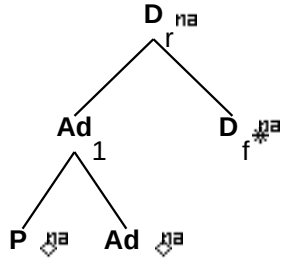
### 18.3 features

S.t:<comp> = nil
S.t:<comp> = S_r.b:<comp>
S.t:<assign-comp> = S_r.b:<assign-comp>
S.t:<tense> = S_r.b:<tense>
S.t:<extracted> = S_r.b:<extracted>
S.t:<conj> = S_r.b:<conj>
S.t:<mode> = S_r.b:<mode>
S.t:<assign-case> = S_r.b:<assign-case>
S.t:<agr> = S_r.b:<agr>

Ad_1.t:<wh>= S_r.b:<wh>
S_r.b:<inv> = S.t:<inv>
S_r.b:<invlink> = S_r.b:<inv>
S.b:<comp> = nil
S_r.b:<nocomp-mode> = S.t:<nocomp-mode>

## 19 Tree "betaPARBd"

### 19.1 graphe




### 19.2 comments

Adverbial tree that modifies a Determiner
Multi-word Adverb, first word is Prep, second word is Adj
'If I'm going to go to Wall Street, I have to be making at least one million dollars per year.'

### 19.3 features

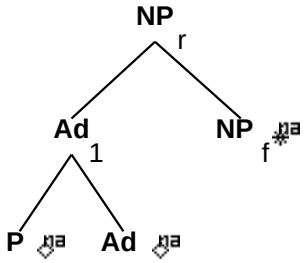
D_r.b:<agr> = D_f.t:<agr>
D_r.b:<definite> = D_f.t:<definite>

D_r.b:<quan> = D_f.t:<quan>
D_r.b:<card> = D_f.t:<card>
D_r.b:<gen> = D_f.t:<gen>
D_r.b:<decreas> = D_f.t:<decreas>
D_r.b:<wh> = D_f.t:<wh>

D_r.b:<assign-comp> = D_f.t:<assign-comp>
D_f.t:<conj> = D_r.b:<conj>

# 20 Tree "betaPARBnx"

## 20.1 graphe




## 20.2 comments

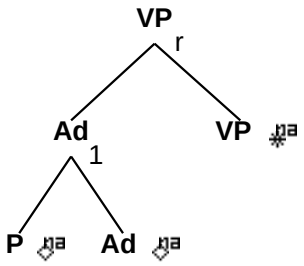
Adverbial tree that modifies NP.
Multi-word Adverb, first word is Prep, second word is Adj.
'A simple economic theory may provide at least a partial explanation
for the split personality displayed by Americans in the voting booth.'

## 20.3 features

NP_r.b:<case> = NP_f.t:<case>
NP_r.b:<wh> = NP_f.t:<wh>
NP_r.b:<agr> = NP_f.t:<agr>
NP_r.b:<pron> = NP_f.t:<pron>
NP_r.b:<refl> = NP_f.t:<refl>
NP_r.b:<conj> = NP_f.t:<conj>
NP_r.b:<card> = NP_f.t:<card>
NP_r.b:<const> = NP_f.t:<const>
NP_r.b:<quan> = NP_f.t:<quan>
NP_r.b:<decreas> = NP_f.t:<decreas>
NP_r.b:<definite> = NP_f.t:<definite>
NP_r.b:<gen> = NP_f.t:<gen>
NP_r.b:<compar> = -
NP_r.b:<super>= NP_f.t:<super>

# 21 Tree "betaPARBvx"

## 21.1 graphe




## 21.2 comments

```
Adverbial tree that attaches to the left of the VP
Multi-word adverb, first word is Prep, second word is Adj
'Hopefully, she will at least run the last lap at a half-decent pace.'
```

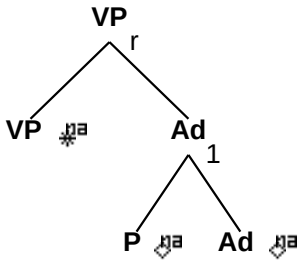
## 21.3 features

```
VP_r.b:<passive> = VP.t:<passive>
VP_r.b:<mainv> = VP.t:<mainv>
VP_r.b:<mode> = VP.t:<mode>
VP_r.b:<assign-comp> = VP.t:<assign-comp>
VP_r.b:<agr> = VP.t:<agr>
VP_r.b:<tense> = VP.t:<tense>
VP_r.b:<assign-case> = VP.t:<assign-case>

VP_r.b:<conj> = VP.t:<conj>
VP_r.b:<compar> = -
VP_r.b:<super>=VP.t:<super>
```

# 22 Tree "betavxPARB"

## 22.1 graphe



### 22.2 comments

```
Adverbial tree that attaches to the right of the VP
Multi-word adverb, first word is Prep, second word is Adj
'David was so tired; I told him to take a nap at least.'
```

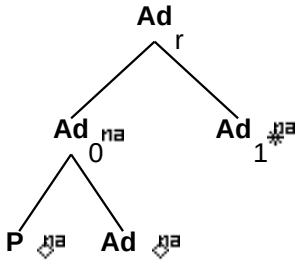
### 22.3 features

```
VP_r.b:<agr> = VP.t:<agr>
VP_r.b:<mode> = VP.t:<mode>
VP_r.b:<mainv> = VP.t:<mainv>
VP_r.b:<tense> = VP.t:<tense>
VP_r.b:<assign-comp> = VP.t:<assign-comp>
VP_r.b:<assign-case> = VP.t:<assign-case>

VP_r.b:<passive> = VP.t:<passive>
VP_r.b:<conj> = VP.t:<conj>
VP_r.b:<compar> = -
VP_r.b:<super>= VP.t:<super>
VP.t:<mainv> = +
```

## 23 Tree "betaPARBarb"

### 23.1 graphe




### 23.2 comments

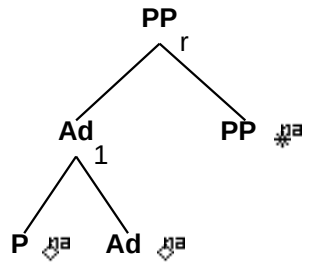
```
Adverbial tree that modifies another adverb
Multi-word adverb, first word is Prep, second word is Adj
'Sasha carried out the project with good intentions, at least initially.'
```

### 23.3 features

```
Ad_r.b:<assign-comp> = Ad_1.t:<assign-comp>
Ad_r.b:<conj> = Ad_1.t:<conj>
Ad_r.b:<compar> = Ad_1.t:<compar>
Ad_r.b:<equiv> = Ad_1.t:<equiv>
Ad_r.b:<super> = Ad_1.t:<super>
```

# 24 Tree "betaPARBpx"

## 24.1 graphe




## 24.2 comments

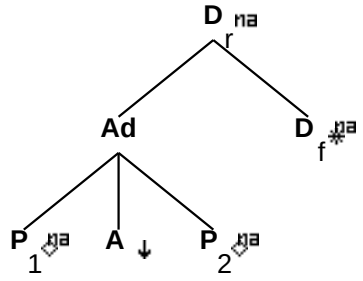
```
Adverbial tree that modifies a prepositional phrase
Multi-word adverb, first word is Prep, second word is Adj
'Republicans are squinting most painfully, at least at first.'
```

## 24.3 features

```
PP_r.b:<assign-comp> = PP.t:<assign-comp>
PP_r.b:<conj> = PP.t:<conj>
```

# 25 Tree "betaPaPd"

## 25.1 graphe




## 25.2 comments

```
Adverbial tree that modifies a Determiner
It handles three-word complex adverbs, where the first and third words are
'as', and the middle word is any adjective that substitutes in.
'A pact with GM may emerge in as little as two weeks.'
```

## 25.3 features

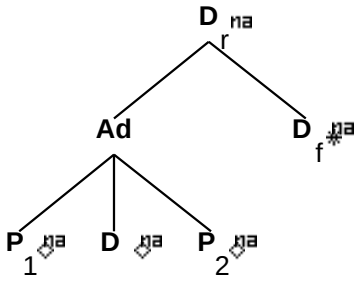
```
D_r.b:<agr> = D_f.t:<agr>
D_r.b:<definite> = D_f.t:<definite>
```

```
D_r.b:<quan> = D_f.t:<quan>
D_r.b:<card> = D_f.t:<card>
D_r.b:<gen> = D_f.t:<gen>
D_r.b:<decreas> = D_f.t:<decreas>
D_r.b:<wh> = D_f.t:<wh>

D_r.b:<assign-comp> = D_f.t:<assign-comp>
D_f.t:<conj> = D_r.b:<conj>
```

# 26 Tree "betaPDPd"

## 26.1 graphe




## 26.2 comments

```
Adverbial tree that modifies a Determiner
It handles three-word complex adverbs, where the first and third words are
'as', and the middle word is one of three determiners: many, much, or few.
'As many as twenty thousand people lined up for tickets to the Ani DiFranco
concert.'
```

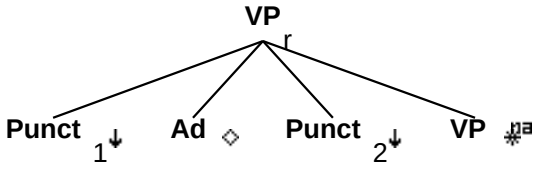
## 26.3 features

```
D_r.b:<agr> = D_f.t:<agr>
D_r.b:<definite> = D_f.t:<definite>
D_r.b:<quan> = D_f.t:<quan>
D_r.b:<card> = D_f.t:<card>
D_r.b:<gen> = D_f.t:<gen>
D_r.b:<decreas> = D_f.t:<decreas>
D_r.b:<wh> = D_f.t:<wh>

D_r.b:<assign-comp> = D_f.t:<assign-comp>
D_f.t:<conj> = D_r.b:<conj>
```

# 27 Tree "betapuARBpuvx"

## 27.1 graphe




## 27.2 comments

```
Tree for pre-verbal parenthetical adverbs - however, nonetheless,
etc. The punctuation marks may be dashes or commas.

      Most people, however, never buy their own homes.
      Mary, nevertheless, tried to climb Mt. Everest solo.
```

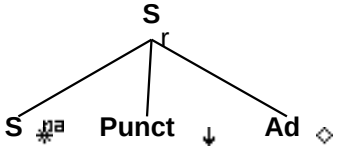
## 27.3 features

```
Punct_1.t:<punct struct> = Punct_2.t:<punct struct>
Punct_1.t:<punct struct> = comma/dash
VP_r.b:<punct struct> = Punct_1.t:<punct struct>
VP.t:<punct struct> = nil
VP.t:<punct bal> = nil
VP_r.b:<passive> = VP.t:<passive>
VP_r.b:<mainv> = VP.t:<mainv>
VP_r.b:<mode> = VP.t:<mode>
VP_r.b:<assign-comp> = VP.t:<assign-comp>
VP_r.b:<agr> = VP.t:<agr>
VP_r.b:<tense> = VP.t:<tense>
VP_r.b:<assign-case> = VP.t:<assign-case>

VP_r.b:<compar> = VP.t:<compar>
VP_r.b:<equiv> = VP.t:<equiv>
VP_r.b:<super> = VP.t:<super>
```

# 28 Tree "betaspuARB"

## 28.1 graphe



### 28.2 comments

In general, we attach post-clausal modifiers at the VP node, as you typically get scope ambiguity effects with negation (‘John didn’t leave today’ - did he leave or not?). However, with post-sentential, comma-separated adverbs, which may well be extraposed, there is no ambiguity - in ‘John didn’t leave, today’ he definitely did not leave. Since this tree is only selected by a subset of the adverbs (namely, those which can appear pre-sententially, without a punctuation mark), it is anchored by the adverb.

John has been more and more exhausted, recently.

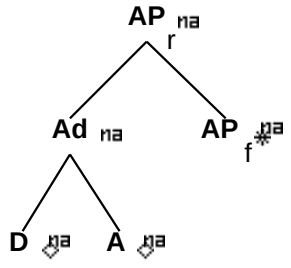
### 28.3 features

S.t:<comp> = nil
S.t:<comp> = S_r.b:<comp>
S.t:<conj> = S_r.b:<conj>
S.t:<extracted> = S_r.b:<extracted>
S.t:<assign-comp> = S_r.b:<assign-comp>
S.t:<tense> = S_r.b:<tense>
S.t:<wh> = S_r.b:<wh>
S.t:<inv> = S_r.b:<inv>
S.t:<invlink> = S_r.b:<invlink>
S.t:<mode> = S_r.b:<mode>
S.t:<assign-case> = S_r.b:<assign-case>
S.t:<agr> = S_r.b:<agr>

Punct.t:<punct struct> = comma/dash

## 29 Tree ”betaDAax”

### 29.1 graphe




### 29.2 comments

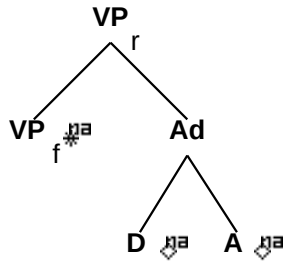
Multi-word adverbs modifying an adjectival phrase
(predicate adjective or adjectival complement).
First word is a determiner and second word is adjective.
Examples: ’a little’

'John is a little silly'
'John felt a little angry'
'John seems a little tired'
'John considers Mary a little dumb'

### 29.3 features

## 30 Tree "betavxDA"

### 30.1 graphe




### 30.2 comments

Multi-word Adverbial tree that attaches to the right of the VP.
First word is Determiner, second word is Adjective.
'The medicine has eased John's pain a little'
'John pulled down the blinds a little'

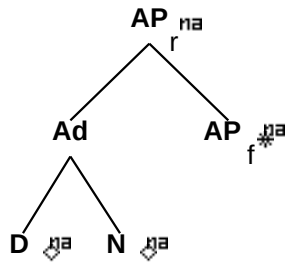
### 30.3 features

VP_r.b:<agr> = VP_f.t:<agr>
VP_r.b:<mode> = VP_f.t:<mode>
VP_r.b:<mainv> = VP_f.t:<mainv>
VP_r.b:<tense> = VP_f.t:<tense>
VP_r.b:<assign-comp> = VP_f.t:<assign-comp>
VP_r.b:<assign-case> = VP_f.t:<assign-case>

VP_r.b:<passive> = VP_f.t:<passive>
VP_r.b:<conj> = VP_f.t:<conj>
VP.t:<mainv> = +

# 31 Tree "betaDNax"

## 31.1 graphe




## 31.2 comments

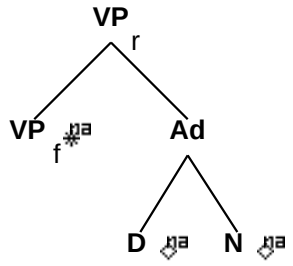
```
Multi-words adverbs modifying an adjectival phrase
(predicate adjective or adjectival complement).
First word is a determiner and second word is Noun.
Examples: 'a bit', 'a mite'.

'John is a bit silly'
'John felt a bit angry'
'John seems a bit tired'
'John considers Mary a bit dumb'
```

## 31.3 features

# 32 Tree "betavxDN"

## 32.1 graphe




## 32.2 comments

```
Multi-word Adverbial tree that attaches to the right of the VP.
First word is Determiner, second word is Noun
'The medicine has eased John's pain a bit'
```

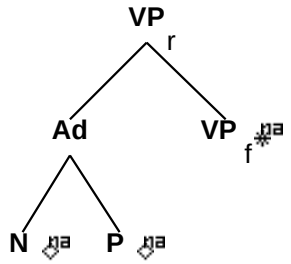
### 32.3 features

```
VP_r.b:<agr> = VP_f.t:<agr>
VP_r.b:<mode> = VP_f.t:<mode>
VP_r.b:<tense> = VP_f.t:<tense>
VP_r.b:<assign-comp> = VP_f.t:<assign-comp>
VP_r.b:<assign-case> = VP_f.t:<assign-case>

VP_r.b:<passive> = VP_f.t:<passive>
VP_r.b:<conj> = VP_f.t:<conj>
VP_r.b:<mainv> = VP_f.t:<mainv>
VP.t:<mainv> = +
```

## 33 Tree "betaNPvx"

### 33.1 graphe




### 33.2 comments

```
Multi-word Adverbial tree that attaches to the left of the VP.
First word is Noun, second word is Prep.
'Bill has sort of finished his education'

Can modify VP's headed by main verbs as well as auxiliaries,
so the VP features are unspecified:
'John could have been sort of (eating the cake)'
'John could sort of (have been eating the cake)'
'John sort of (could have been eating the cake)'
```

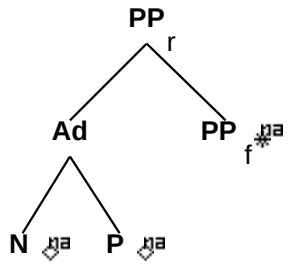
### 33.3 features

```
VP_r.b:<passive> = VP.t:<passive>
VP_r.b:<mainv> = VP.t:<mainv>
VP_r.b:<mode> = VP_f.t:<mode>
VP_r.b:<assign-comp> = VP_f.t:<assign-comp>
VP_r.b:<agr> = VP_f.t:<agr>
VP_r.b:<tense> = VP_f.t:<tense>
VP_r.b:<assign-case> = VP_f.t:<assign-case>

VP_r.b:<conj> = VP_f.t:<conj>
```

# 34 Tree "betaNPpx"

## 34.1 graphe




## 34.2 comments

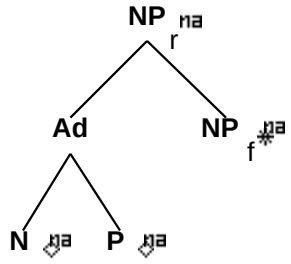
```
Multi-word adverb modifying a prepositional phrase (but
heavily conditioned by the semantics of the PP).
First word is a Noun, second is Prep.
'We all saw Bill marching sort of toward the courthouse'
```

## 34.3 features

```
PP_r.b:<assign-comp> = PP_f.t:<assign-comp>
PP_r.b:<conj> = PP_f.t:<conj>
```

# 35 Tree "betaNPnx"

## 35.1 graphe




## 35.2 comments

```
Adverbial tree that modifies NP.
First word is Noun, second word is Prep.
'Bill is sort of a Jerk'
```

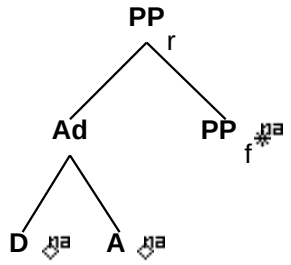
## 35.3 features

```
NP_r.b:<case> = NP_f.t:<case>
NP_r.b:<wh> = NP_f.t:<wh>
```

NP_r.b:<agr> = NP_f.t:<agr>
NP_r.b:<pron> = NP_f.t:<pron>
NP_r.b:<refl> = NP_f.t:<refl>
NP_r.b:<conj> = NP_f.t:<conj>
NP_r.b:<card> = NP_f.t:<card>
NP_r.b:<const> = NP_f.t:<const>
NP_r.b:<quan> = NP_f.t:<quan>
NP_r.b:<decreas> = NP_f.t:<decreas>
NP_r.b:<definite> = NP_f.t:<definite>
NP_r.b:<gen> = NP_f.t:<gen>

# 36 Tree "betaDApx"

## 36.1 graphe




## 36.2 comments

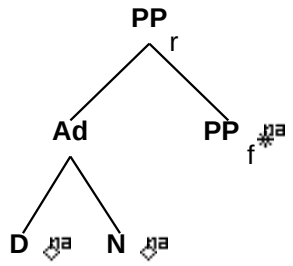
Multi-word adverbs modifying a PP (but heavily conditioned
by the semantics of the PP).
First word is a determiner, second word is an adjective.
'John is a little to the right'
'Mary moved a little to the left'
'Bill walked a little into the room'

## 36.3 features

PP_r.b:<assign-comp> = PP_f.t:<assign-comp>
PP_r.b:<conj> = PP_f.t:<conj>

# 37 Tree "betaDNpx"

## 37.1 graphe




## 37.2 comments

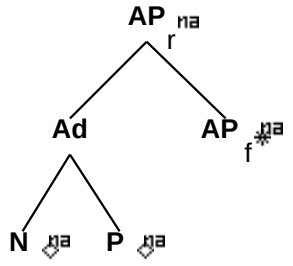
```
Multi-word adverbs modifying a PP (but heavily conditioned
by the semantics of the PP).
First word is a Determiner, second word is a Noun.
'John is a bit to the right'
'Mary moved a bit to the left'
'Bill walked a bit into the room'
```

## 37.3 features

```
PP_r.b:<assign-comp> = PP_f.t:<assign-comp>
PP_r.b:<conj> = PP_f.t:<conj>
```

# 38 Tree "betaNPax"

## 38.1 graphe




## 38.2 comments

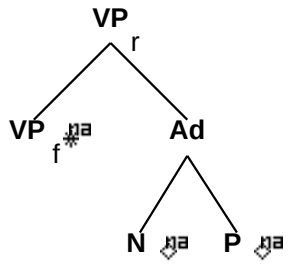
```
Multi-word adverbs modifying an
adjectival phrase (predicate adjective or adjectival complement).
First word is a Noun and second word is a Preposition.
'John is sort of silly'
'John felt sort of angry'
'John seems sort of tired'
```

'John considers Mary sort of dumb'

### 38.3 features

## 39 Tree "betavxNP"

### 39.1 graphe




### 39.2 comments

Multi-word Adverbial tree that attaches to the right of the VP.
First word is Noun, second word is a Preposition.
'The medicine has eased John's pain sort of'
'John pulled down the blinds sort of'

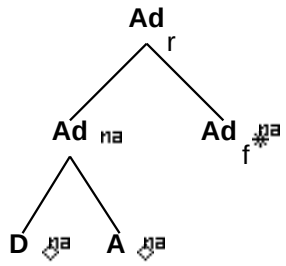
### 39.3 features

VP_r.b:<mode> = VP_f.t:<mode>
VP_r.b:<agr> = VP_f.t:<agr>
VP_r.b:<tense> = VP_f.t:<tense>
VP_r.b:<assign-comp> = VP_f.t:<assign-comp>
VP_r.b:<assign-case> = VP_f.t:<assign-case>

VP_r.b:<passive> = VP_f.t:<passive>
VP_r.b:<conj> = VP_f.t:<conj>
VP_r.b:<mainv> = VP_f.t:<mainv>
VP.t:<mainv> = +

# 40 Tree "betaDAarb"

## 40.1 graphe




## 40.2 comments

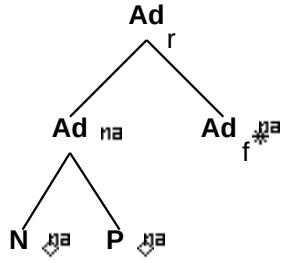
```
Multi-word adverb Adverbial tree that modifies another Adverb.
First word is a Determiner, second word is Adjective.
'Sasha has been doing her knitting a little slowly'
```

## 40.3 features

```
Ad_r.b:<assign-comp> = Ad_1.t:<assign-comp>
Ad_r.b:<conj> = Ad_1.t:<conj>
```

# 41 Tree "betaNParb"

## 41.1 graphe




## 41.2 comments

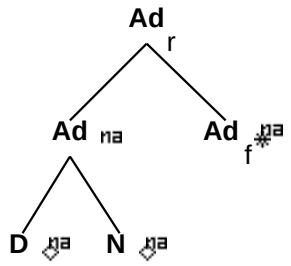
```
Multi-word adverb Adverbial tree that modifies another Adverb.
First word is Noun, second word is Preposition.
'Andreas has been sort of obviously worried today'
```

## 41.3 features

```
Ad_r.b:<assign-comp> = Ad_1.t:<assign-comp>
Ad_r.b:<conj> = Ad_1.t:<conj>
```

# 42 Tree "betaDNarb"

## 42.1 graphe




## 42.2 comments

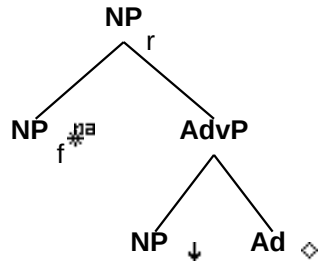
```
Multi-word adverb Adverbial tree that modifies another Adverb.
First word is Determiner, second word is Noun.
'Sasha has been doing her knitting a bit slowly'
```

## 42.3 features

```
Ad_r.b:<assign-comp> = Ad_1.t:<assign-comp>
Ad_r.b:<conj> = Ad_1.t:<conj>
```

# 43 Tree "betanxnxARB"

## 43.1 graphe




## 43.2 comments

```
Locative adverbial phrase postmodifying an NP.
EX: The accident three blocks ahead blocked traffic.
```

## 43.3 features

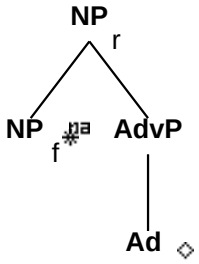
```
NP_r.b:<agr> = NP_1.t:<agr>
NP_r.b:<case> = NP_1.t:<case>
NP_r.b:<wh> = NP_1.t:<wh>
NP_r.b:<conj> = NP_1.t:<conj>
```

NP_1.b:<case> = acc/nom

NP_r.b:<assign-comp> = NP_1.t:<assign-comp>
NP_r.b:<card> = NP_1.t:<card>
NP_r.b:<const> = NP_1.t:<const>
NP_r.b:<quan> = NP_1.t:<quan>
NP_r.b:<decreas> = NP_1.t:<decreas>
NP_r.b:<definite> = NP_1.t:<definite>
NP_r.b:<gen> = NP_1.t:<gen>
NP_1.t:<rel-clause> = NP_r.b:<rel-clause>
NP_2.t:<case> = nom/acc

# 44 Tree "betanxARB"

## 44.1 graphe




## 44.2 comments

Locative adverb (without an accompanying NP) postmodifying an NP.
EX: The accident ahead blocked traffic.

When the locative adverb is accompanied by an NP specifying
distance or degree, it uses the betanxnxARB tree.
EX: The circus seven kilometers away was very noisy.

This tree is also intended for locative phrases that have a second adverb to specify distance. The second adverb adjoins in with betaARBarb.
EX: The accident far ahead caused confusion.

This tree is also used for 'o'clock', 'a.m.' and 'p.m.'

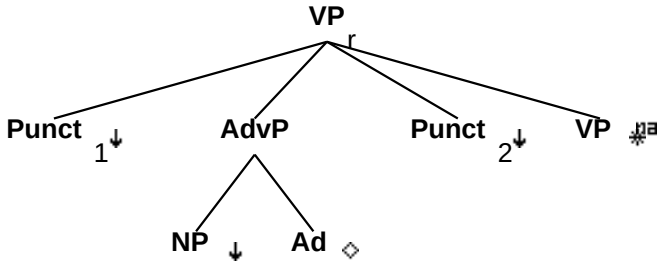
## 44.3 features

NP_r.b:<agr> = NP_1.t:<agr>
NP_r.b:<case> = NP_1.t:<case>
NP_r.b:<wh> = NP_1.t:<wh>
NP_r.b:<conj> = NP_1.t:<conj>
NP_1.b:<case> = acc/nom

NP_r.b:<assign-comp> = NP_1.t:<assign-comp>
NP_r.b:<card> = NP_1.t:<card>
NP_r.b:<const> = NP_1.t:<const>
NP_r.b:<quan> = NP_1.t:<quan>
NP_r.b:<decreas> = NP_1.t:<decreas>
NP_r.b:<definite> = NP_1.t:<definite>
NP_r.b:<gen> = NP_1.t:<gen>
NP_1.t:<rel-clause> = NP_r.b:<rel-clause>

# 45 Tree "betapunxARBpuvx"

## 45.1 graphe




## 45.2 comments

Tree for a locative adverbial separated by commas or dashes premodifying a VP. The locative adverb anchors the tree, and the NP that specifies quantity (for example, 'three blocks') substitutes in.

EX: John, three yards off, announced his resignation.

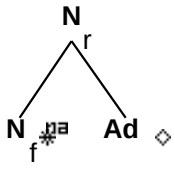
## 45.3 features

Punct_1.t:<punct struct> = Punct_2.t:<punct struct>
Punct_1.t:<punct struct> = comma/dash
VP_r.b:<punct struct> = Punct_1.t:<punct struct>
VP.t:<punct struct> = nil
VP.t:<punct bal> = nil
VP_r.b:<passive> = VP.t:<passive>
VP_r.b:<mainv> = VP.t:<mainv>
VP_r.b:<mode> = VP.t:<mode>
VP_r.b:<assign-comp> = VP.t:<assign-comp>
VP_r.b:<agr> = VP.t:<agr>
VP_r.b:<tense> = VP.t:<tense>
VP_r.b:<assign-case> = VP.t:<assign-case>

NP.t:<case> = nom/acc

# 46 Tree "betanARB"

## 46.1 graphe




## 46.2 comments

This tree is used for 'o'clock', 'a.m.' and 'p.m.' By adjoining to N we won't allow sentences like 'three in the morning a.m.' where 'a.m.' modifies 'three'. It will, however, allow 'three a.m.', 'three o'clock', and 'three o'clock a.m.' (also *'three a.m. o'clock', but we are not worrying about the ordering restriction here).

## 46.3 features

N_r.b:<case> = N_f.t:<case>
N_r.b:<agr> = N_f.t:<agr>
N_r.b:<assign-comp> = N_f.t:<assign-comp>
N_r.b:<pron> = N_f.t:<pron>
N_r.b:<wh> = N_f.t:<wh>

N_r.b:<conj> = N_f.t:<conj>
N_r.b:<card> = N_f.t:<card>
N_r.b:<const> = N_f.t:<const>
N_r.b:<quan> = N_f.t:<quan>
N_r.b:<decreas> = N_f.t:<decreas>
N_r.b:<definite> = N_f.t:<definite>
N_r.b:<gen> = N_f.t:<gen>
N_r.b:<compar> = N_f.t:<compar>
N_f.t:<compar> = -