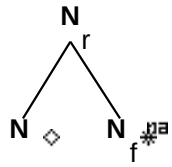
Family "modifiers"

March 5, 2008

1 Tree "betaNn"

1.1 graphe



1.2 comments

```
Adjective
```

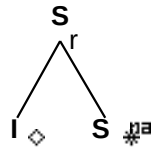
1.3 features

```
N.t:<pron> = -
N.t:<case> = nom/acc
N_f:<pron> = -
N_f:<case> = nom/acc
N_r.b:<case> = N_f.t:<case>
N_r.b:<agr> = N_f.t:<agr>
N_r.b:<wh> = N_f.t:<wh>
N_r.b:<pron> = N_f.t:<pron>

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

2 Tree "betaIs"

2.1 graphe



2.2 comments

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

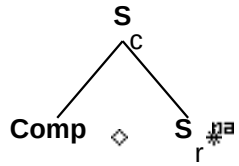
2.3 features

```
S.t:<comp> = nil
S.t:<wh> = S_r.b:<wh>
S.t:<comp> = S_r.b:<comp>
S.t:<assign-comp> = S_r.b:<assign-comp>
S.t:<tense> = S_r.b:<tense>
S_r.b:<extracted> = S.t:<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>

S_r.b:<inv> = S.t:<inv>
S_r.b:<invlink> = S_r.b:<inv>
S.b:<comp> = nil
```

3 Tree "betaCOMPs"

3.1 graphe



3.2 comments

```
Tree used for complementizer clauses as:
(John thinks) that (Mary loves Mark)

NB: to ensure that comps do not stack on top of each other we need (1)
```

the foot S to be a NA node and (2) the feature comp=nil on the BOTTOM features of the foot S.

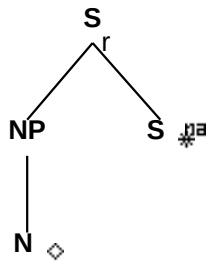
3.3 features

S_r.t:<inv> = -
S_c.b:<mode> = S_r.b:<mode>
S_c.b:<comp> = Comp:<comp>
S_c.b:<inv> = -
S_r.b:<comp> = nil

S_c.b:<wh> = Comp.t:<wh>
S_r.t:<assign-comp> = S_c.b:<comp>
S_r.t:<control> = S_c.b:<control>

4 Tree "betaNs"

4.1 graphe



4.2 comments

Sentence modifying time NP
Time NP on the left of the sentence
'Last week John saw Mary'

4.3 features

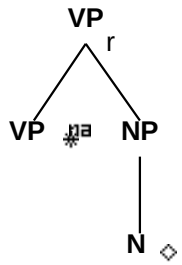
S.t:<comp> = nil
S.t:<comp> = S_r.b:<comp>
S.t:<conj> = and/or/but/nil
S.t:<conj> = S_r.b:<conj>
S.t:<assign-comp> = S_r.b:<assign-comp>
S.t:<tense> = S_r.b:<tense>
S.t:<extracted> = S_r.b:<extracted>
S.t:<mode> = S_r.b:<mode>
S.t:<assign-case> = S_r.b:<assign-case>
S.t:<agr> = S_r.b:<agr>

S_r.b:<wh> = NP.t:<wh>

```
S_r.b:<inv> = S.t:<inv>
S_r.b:<invlink> = S_r.b:<inv>
S.b:<comp> = nil
NP.b:<case> = N.t:<case>
NP.b:<wh> = N.t:<wh>
NP.b:<pron> = N.t:<pron>
NP.b:<conj> = N.t:<conj>
N.t:<agr> = NP.b:<agr>
N.t:<const> = NP.b:<const>
N.t:<definite> = NP.b:<definite>
N.t:<gen> = NP.b:<gen>
N.t:<decreas> = NP.b:<decreas>
N.t:<quan> = NP.b:<quan>
N.t:<card> = NP.b:<card>
N.t:<compar> = NP.b:<compar>
N.t:<equiv> = NP.b:<equiv>
N.t:<super> = NP.b:<super>
```

5 Tree "betavxN"

5.1 graphe



5.2 comments

```
VP modifying Time NP at end of sentence:
'Everyone was gone last week'
```

5.3 features

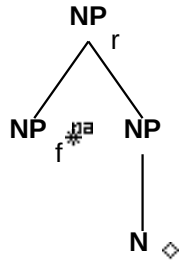
```
VP_r.b:<mode> = VP.t:<mode>
VP_r.b:<agr> = VP.t:<agr>
VP_r.b:<tense> = VP.t:<tense>
VP_r.b:<assign-case> = VP.t:<assign-case>
VP_r.b:<assign-comp> = VP.t:<assign-comp>
VP_r.b:<passive> = VP.t:<passive>

VP_r.b:<mainv> = VP_f.t:<mainv>
VP.t:<mainv> = +
VP_r.b:<compar> = -
```

NP.b:<case> = N.t:<case>
NP.b:<wh> = N.t:<wh>
NP.b:<pron> = N.t:<pron>
NP.b:<conj> = N.t:<conj>
N.t:<agr> = NP.b:<agr>
N.t:<const> = NP.b:<const>
N.t:<definite> = NP.b:<definite>
N.t:<gen> = NP.b:<gen>
N.t:<decreas> = NP.b:<decreas>
N.t:<quan> = NP.b:<quan>
N.t:<card> = NP.b:<card>

6 Tree "betanxN"

6.1 graphe



6.2 comments

Time NP modifying an NP
 e.g. the meeting last week

6.3 features

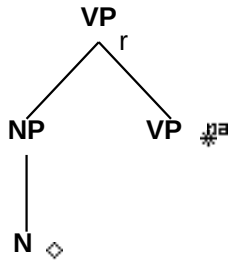
NP_r.b:<agr> = NP_f.t:<agr>
NP_r.b:<case> = NP_f.t:<case>
NP_r.b:<assign-comp> = NP_f.t:<assign-comp>
NP_r.b:<wh> = NP_f.t:<wh>
NP_r.b:<conj> = NP_f.t:<conj>

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.b:<assign-case> = N.t:<case>
NP:<wh> = -
NP_f.b:<case> = acc/nom
NP.b:<wh> = N.t:<wh>

NP.b:<pron> = N.t:<pron>
NP.b:<conj> = N.t:<conj>
N.t:<agr> = NP.b:<agr>
N.t:<const> = NP.b:<const>
N.t:<definite> = NP.b:<definite>
N.t:<gen> = NP.b:<gen>
N.t:<decreas> = NP.b:<decreas>
N.t:<quan> = NP.b:<quan>
N.t:<card> = NP.b:<card>
NP_r.b:<rel-clause> = NP_f.t:<rel-clause>
NP_f.t:<compar> = NP_r.b:<compar>
NP_f.t:<equiv> = NP_r.b:<equiv>
N.t:<compar> = NP.b:<compar>
N.t:<equiv> = NP.b:<equiv>

7 Tree "betaNvx"

7.1 graphe



7.2 comments

Tree for time-NPs between subject and VP: Reporters today presented the ....

7.3 features

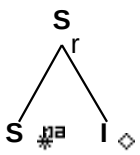
VP_r.b:<mode> = VP.t:<mode>
VP_r.b:<agr> = VP.t:<agr>
VP_r.b:<tense> = VP.t:<tense>
VP_r.b:<passive> = VP.t:<passive>
VP_r.b:<assign-case> = VP.t:<assign-case>
VP_r.b:<assign-comp> = VP.t:<assign-comp>
VP_r.b:<passive> = VP.t:<passive>

NP.b:<case> = N.t:<case>
NP.b:<wh> = N.t:<wh>
NP.b:<pron> = N.t:<pron>
NP.b:<conj> = N.t:<conj>
N.t:<agr> = NP.b:<agr>

N.t:<const> = NP.b:<const>
N.t:<definite> = NP.b:<definite>
N.t:<gen> = NP.b:<gen>
N.t:<decreas> = NP.b:<decreas>
N.t:<quan> = NP.b:<quan>
N.t:<card> = NP.b:<card>
N.t:<compar> = NP.b:<compar>
N.t:<equiv> = NP.b:<equiv>
VP.t:<compar> = -

8 Tree "betasI"

8.1 graphe



8.2 comments

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

8.3 features

S.t:<comp> = nil
S.t:<wh> = S_r.b:<wh>
S.t:<comp> = S_r.b:<comp>
S.t:<assign-comp> = S_r.b:<assign-comp>
S.t:<tense> = S_r.b:<tense>
S_r.b:<extracted> = S.t:<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>

S_r.b:<inv> = S.t:<inv>
S_r.b:<invlink> = S_r.b:<inv>
S.b:<comp> = nil