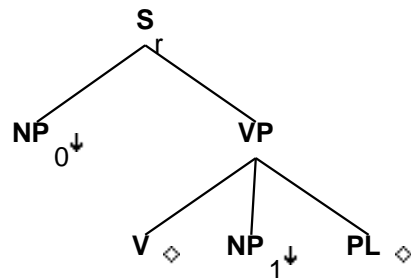


Family "Tnx0Vplnx1"

March 5, 2008

1 Tree "alphanx0Vnx1pl"

1.1 graphe



1.2 comments

Transitive verb particle.
simple declarative particle next to verb.

[Everyone thought] Angela called up Fred.
Marie ran over the flower bed.

1.3 features

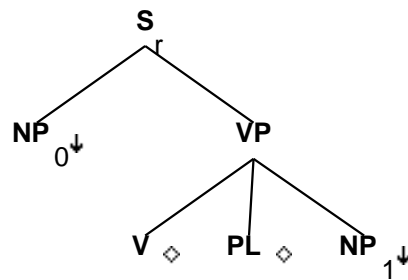
S_r.b:<extracted> = -
S_r.b:<inv> = -
S_r.b:<assign-comp> = VP.t:<assign-comp>

S_r.b:<mode> = VP.t:<mode>
S_r.b:<comp> = nil
S_r.b:<tense> = VP.t:<tense>
NP_0:<agr> = S_r.b:<agr>
NP_0:<case> = S_r.b:<assign-case>
NP_0:<wh> = S_r.b:<wh>
NP_1:<case> = acc
NP_0:<wh> = -
S_r.b:<agr> = VP.t:<agr>

S_r.b:<assign-case> = VP.t:<assign-case>
 VP.b:<passive> = V.t:<passive>
 V.t:<passive> = -
 VP.b:<agr> = V.t:<agr>
 VP.b:<assign-case> = V.t:<assign-case>
 VP.b:<assign-comp> = V.t:<assign-comp>
 VP.b:<mode> = V.t:<mode>
 VP.b:<tense> = V.t:<tense>
 VP.b:<mainv> = V.t:<mainv>
 VP.b:<compar> = -
 S_r.b:<control> = NP_0.t:<control>
 S_r.b:<progressive> = VP.t:<progressive>
 S_r.b:<perfect> = VP.t:<perfect>
 S_r.b:<passive> = VP.t:<passive>
 S_r.b:<mainv> = VP.t:<mainv>

2 Tree "alphanx0Vplnx1"

2.1 graphe



2.2 comments

Transitive verb particle.
 simple declarative, moved particle.

[Everyone thought] Angela called Fred up.
 Marie ran the flower bed over.

2.3 features

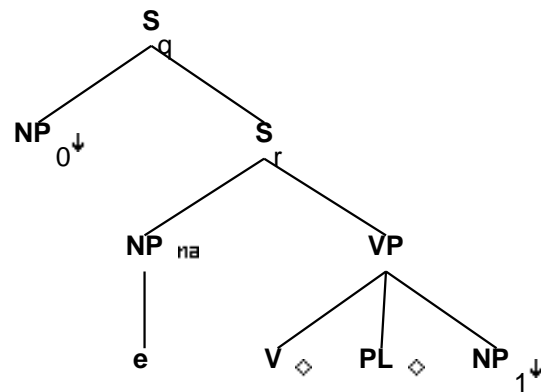
S_r.b:<extracted> = -
 S_r.b:<inv> = -
 S_r.b:<assign-comp> = VP.t:<assign-comp>

S_r.b:<mode> = VP.t:<mode>
 S_r.b:<comp> = nil

S_r.b:<tense> = VP.t:<tense>
 NP_0:<agr> = S_r.b:<agr>
 NP_0:<case> = S_r.b:<assign-case>
 NP_0:<wh> = S_r.b:<wh>
 NP_1:<case> = acc
 NP_0:<wh> = -
 S_r.b:<agr> = VP.t:<agr>
 S_r.b:<assign-case> = VP.t:<assign-case>
 VP.b:<passive> = V.t:<passive>
 V.t:<passive> = -
 VP.b:<agr> = V.t:<agr>
 VP.b:<assign-case> = V.t:<assign-case>
 VP.b:<assign-comp> = V.t:<assign-comp>
 VP.b:<mode> = V.t:<mode>
 VP.b:<tense> = V.t:<tense>
 VP.b:<mainv> = V.t:<mainv>
 VP.b:<compar> = -
 S_r.b:<control> = NP_0.t:<control>
 S_r.b:<progressive> = VP.t:<progressive>
 S_r.b:<perfect> = VP.t:<perfect>
 S_r.b:<passive> = VP.t:<passive>
 S_r.b:<mainv> = VP.t:<mainv>

3 Tree "alphaW0nx0Vplnx1"

3.1 graphe



3.2 comments

Transitive verb particle.

wh-extraction on the subject, particle next to verb.

Who [did everyone think] called up Fred?

Who ran over the flower bed?

3.3 features

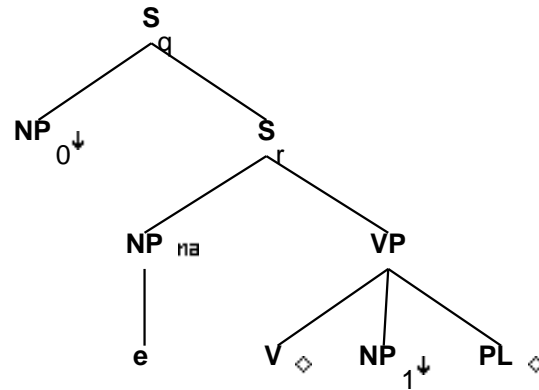
```
S_q.b:<extracted> = +

S_q.b:<inv> = S_r.t:<inv>
S_r.t:<comp> = nil
S_r.b:<assign-comp> = VP.t:<assign-comp>


S_q.b:<wh> = NP_0:<wh>
S_q.b:<comp> = nil
S_q.b:<mode> = S_r.t:<mode>
S_r.b:<mode> = VP.t:<mode>
S_r.b:<comp> = nil
S_r.b:<tense> = VP.t:<tense>
S_r.b:<inv> = -
NP:<trace> = NP_0:<trace>
NP:<agr> = NP_0:<agr>
NP:<case> = NP_0:<case>
NP:<wh> = NP_0:<wh>
NP_0:<wh> = +
NP.t:<agr> = S_r.b:<agr>
NP.t:<case> = S_r.b:<assign-case>
NP_1:<case> = acc
S_r.b:<agr> = VP.t:<agr>
S_r.b:<assign-case> = VP.t:<assign-case>
VP.b:<passive> = V.t:<passive>
V.t:<passive> = -
VP.b:<agr> = V.t:<agr>
VP.b:<assign-case> = V.t:<assign-case>
VP.b:<assign-comp> = V.t:<assign-comp>
VP.b:<mode> = V.t:<mode>
VP.b:<tense> = V.t:<tense>
VP.b:<mainv> = V.t:<mainv>
VP.b:<compar> = -
S_r.t:<conj> = nil
S_r.b:<assign-comp> = inf_nil/ind_nil/ecm
```

4 Tree "alphaW0nx0Vnx1pl"

4.1 graphe



4.2 comments

Transitive verb particle.
wh-extraction on the subject, moved particle.

Who [did everyone think] called Fred up?
Who ran the flower bed over?

4.3 features

S_q.b:<extracted> = +

S_q.b:<inv> = S_r.t:<inv>

S_r.t:<comp> = nil

S_r.b:<assign-comp> = VP.t:<assign-comp>

S_q.b:<wh> = NP_0:<wh>

S_q.b:<comp> = nil

S_q.b:<mode> = S_r.t:<mode>

S_r.b:<mode> = VP.t:<mode>

S_r.b:<comp> = nil

S_r.b:<tense> = VP.t:<tense>

S_r.b:<inv> = -

NP:<trace> = NP_0:<trace>

NP:<agr> = NP_0:<agr>

NP:<case> = NP_0:<case>

NP:<wh> = NP_0:<wh>

NP_0:<wh> = +

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

NP.t:<case> = S_r.b:<assign-case>

NP_1:<case> = acc

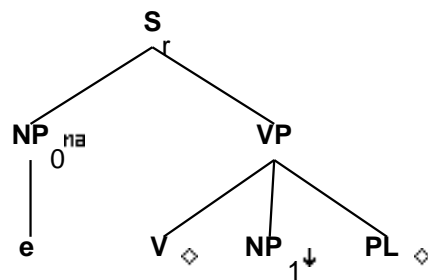
```

S_r.b:<agr> = VP.t:<agr>
S_r.b:<assign-case> = VP.t:<assign-case>
VP.b:<passive> = V.t:<passive>
V.t:<passive> = -
VP.b:<agr> = V.t:<agr>
VP.b:<assign-case> = V.t:<assign-case>
VP.b:<assign-comp> = V.t:<assign-comp>
VP.b:<mode> = V.t:<mode>
VP.b:<tense> = V.t:<tense>
VP.b:<mainv> = V.t:<mainv>
VP.b:<compar> = -
S_r.t:<conj> = nil
S_r.b:<assign-comp> = inf_nil/ind_nil/ecm

```

5 Tree "alphaInx0Vnx1pl"

5.1 graphe



5.2 comments

Transitive verb particle.
Imperative, particle next to verb.

Call up Fred.
Run over the flower bed.

5.3 features

```

S_r.b:<extracted> = -
S_r.b:<inv> = -
S_r.b:<assign-comp> = VP.t:<assign-comp>

```

```

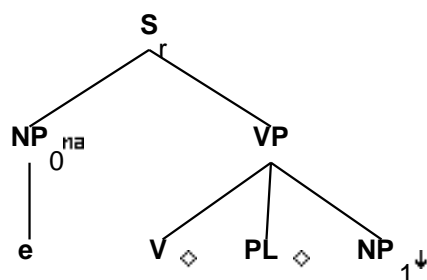
S_r.b:<comp> = nil
S_r.b:<mode> = imp
S_r.b:<tense> = VP.t:<tense>
NP_0:<agr> = S_r.b:<agr>
NP_0:<case> = S_r.b:<assign-case>

```

NP_0:<wh> = S_r.b:<wh>
 NP_1:<case> = acc
 NP_0:<wh> = -
 NP_0:<agr pers> = 2
 NP_0:<agr 3rdsing> = -
 NP_0:<agr num> = plur/sing
 NP_0:<case> = nom
 S_r.b:<agr> = VP.t:<agr>
 S_r.b:<assign-case> = VP.t:<assign-case>
 VP.t:<tense> = pres
 VP.t:<neg> = -
 VP.t:<mode> = base
 VP.b:<mode> = V.t:<mode>
 VP.b:<passive> = V.t:<passive>
 V.t:<passive> = -
 VP.b:<agr> = V.t:<agr>
 VP.b:<assign-case> = V.t:<assign-case>
 VP.b:<assign-comp> = V.t:<assign-comp>
 VP.b:<tense> = V.t:<tense>
 VP.b:<mainv> = V.t:<mainv>
 VP.b:<compar> = -
 S_r.b:<progressive> = VP.t:<progressive>
 S_r.b:<perfect> = VP.t:<perfect>
 S_r.b:<passive> = VP.t:<passive>
 S_r.b:<mainv> = VP.t:<mainv>

6 Tree "alphaInx0Vplnx1"

6.1 graphe



6.2 comments

Transitive verb particle.
 Imperative, moved particle.

Call Fred up.
 Run the floser beds over.

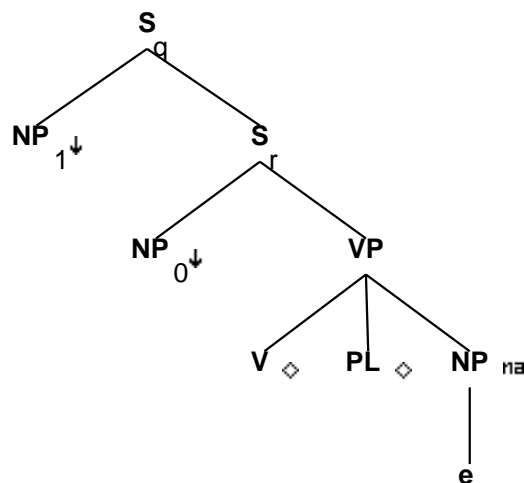
6.3 features

```
S_r.b:<extracted> = -  
S_r.b:<inv> = -  
S_r.b:<assign-comp> = VP.t:<assign-comp>
```

```
S_r.b:<comp> = nil  
S_r.b:<mode> = imp  
S_r.b:<tense> = VP.t:<tense>  
VP.t:<tense> = pres  
NP_0:<agr> = S_r.b:<agr>  
NP_0:<case> = S_r.b:<assign-case>  
NP_1:<case> = acc  
NP_0:<wh> = S_r.b:<wh>  
NP_0:<wh> = -  
NP_0:<agr pers> = 2  
NP_0:<agr 3rdsing> = -  
NP_0:<agr num> = plur/sing  
NP_0:<case> = nom  
S_r.b:<agr> = VP.t:<agr>  
S_r.b:<assign-case> = VP.t:<assign-case>  
VP.t:<neg> = -  
VP.t:<mode> = base  
VP.b:<mode> = V.t:<mode>  
VP.b:<passive> = V.t:<passive>  
V.t:<passive> = -  
VP.b:<agr> = V.t:<agr>  
VP.b:<assign-case> = V.t:<assign-case>  
VP.b:<assign-comp> = V.t:<assign-comp>  
VP.b:<tense> = V.t:<tense>  
VP.b:<mainv> = V.t:<mainv>  
VP.b:<compar> = -  
S_r.b:<progressive> = VP.t:<progressive>  
S_r.b:<perfect> = VP.t:<perfect>  
S_r.b:<passive> = VP.t:<passive>  
S_r.b:<mainv> = VP.t:<mainv>
```


7 Tree "alphaW1nx0Vplnx1"

7.1 graphe



7.2 comments

Transitive verb particle.
wh-extraction on the object.

Who [did everyone think] Angela called up?
What did Marie run over?

7.3 features

S_q.b:<extracted> = +

S_q.b:<inv> = S_r.t:<inv>

S_q.b:<inv> = S_q.b:<invlink>

S_r.t:<comp> = nil

S_r.b:<assign-comp> = VP.t:<assign-comp>

S_q.b:<wh> = NP_1:<wh>

S_q.b:<mode> = S_r.t:<mode>

S_q.b:<comp> = nil

S_r.b:<mode> = VP.t:<mode>

S_r.b:<comp> = nil

S_r.b:<inv> = -

NP_0:<agr> = S_r.b:<agr>

NP_0:<case> = S_r.b:<assign-case>

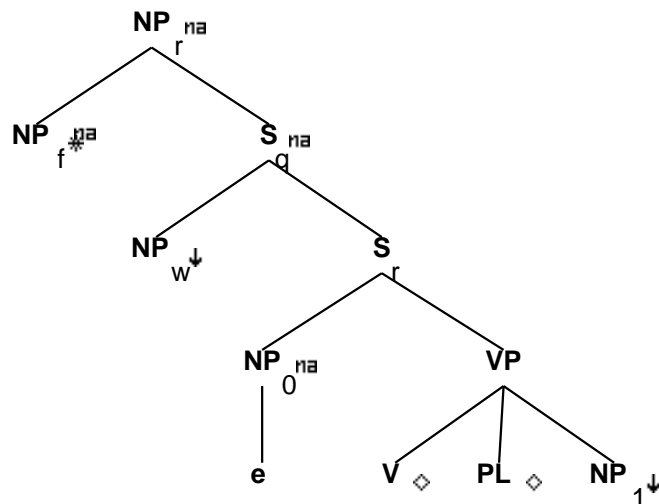
S_r.b:<agr> = VP.t:<agr>

S_r.b:<assign-case> = VP.t:<assign-case>

NP:<trace> = NP_1:<trace>
 NP:<agr> = NP_1:<agr>
 NP:<case> = NP_1:<case>
 NP:<wh> = NP_1:<wh>
 NP.t:<case> = acc
 S_r.b:<tense> = VP.t:<tense>
 VP.b:<passive> = V.t:<passive>
 V.t:<passive> = -
 VP.b:<agr> = V.t:<agr>
 VP.b:<tense> = V.t:<tense>
 VP.b:<assign-case> = V.t:<assign-case>
 VP.b:<assign-comp> = V.t:<assign-comp>
 VP.b:<mode> = V.t:<mode>
 VP.b:<mainv> = V.t:<mainv>
 VP.b:<compar> = -
 S_r.t:<conj> = nil
 S_r.b:<control> = NP_0.t:<control>
 S_r.b:<progressive> = VP.t:<progressive>
 S_r.b:<perfect> = VP.t:<perfect>
 S_r.b:<passive> = VP.t:<passive>
 S_r.b:<mainv> = VP.t:<mainv>

8 Tree "betaN0nx0Vplnx1"

8.1 graphe



8.2 comments

Transitive verb particle.
 Relative clause on the subject.
 Particle next to verb.

[The woman] that called up Fred.
[The woman] who ran over the flower bed.

8.3 features

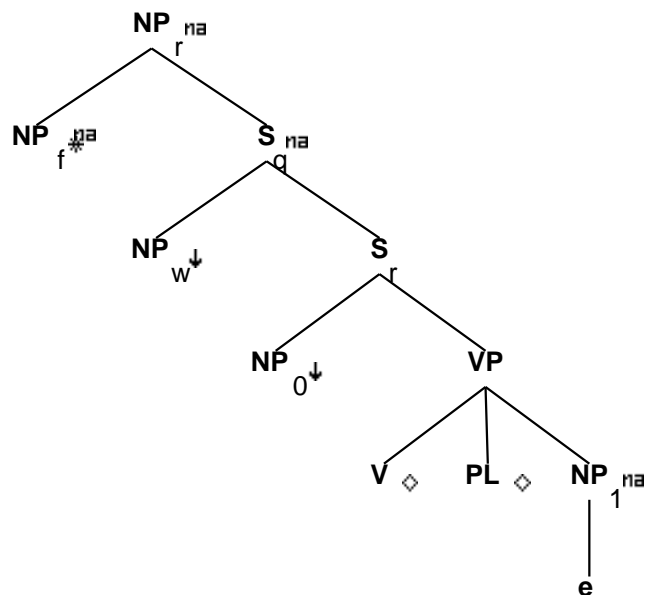
S_r.b:<assign-comp> = VP.t:<assign-comp>

S_r.t:<mode> = ind/inf
S_r.b:<comp> = nil
S_r.b:<mode> = VP.t:<mode>
S_r.b:<tense> = VP.t:<tense>
S_r.t:<inv> = -
NP_1:<case> = acc
S_r.b:<agr> = VP.t:<agr>
S_r.b:<assign-case> = VP.t:<assign-case>
S_r.b:<agr> = NP_0.t:<agr>
S_r.b:<assign-case> = NP_0.t:<case>
VP.b:<passive> = V.t:<passive>
V.t:<passive> = -
VP.b:<agr> = V.t:<agr>
VP.b:<assign-case> = V.t:<assign-case>
VP.b:<assign-comp> = V.t:<assign-comp>
VP.b:<tense> = V.t:<tense>
VP.b:<mode> = V.t:<mode>
VP.b:<mainv> = V.t:<mainv>
VP.b:<compar> = -
S_r.t:<conj> = nil
NP_r.b:<wh> = NP_f.t:<wh>
NP_r.b:<agr> = NP_f.t:<agr>
NP_r.b:<case> = NP_f.t:<case>

NP_w.t:<trace> = NP_0.b:<trace>
NP_w.t:<case> = NP_0.b:<case>
NP_w.t:<agr> = NP_0.b:<agr>
NP_w.t:<wh> = +
S_r.t:<comp> = nil
NP_r.b:<pron> = NP_f.t:<pron>

9 Tree "betaN1nx0Vplnx1"

9.1 graphe



9.2 comments

Transitive verb particle.
Relative clause on the object.

[the guy] Angela called up.
[the flower bed] that Marie ran over.

9.3 features

S_r.b:<assign-comp> = VP.t:<assign-comp>

S_r.b:<mode> = VP.t:<mode>
 S_r.t:<mode> = ind/inf
 S_r.b:<tense> = VP.t:<tense>
 S_r.b:<comp> = nil
 S_r.t:<inv> = -
 NP_r.b:<wh> = NP_f.t:<wh>
 NP_r.b:<case> = NP_f.t:<case>
 NP_r.b:<agr> = NP_f.t:<agr>
 NP₀:<agr> = S_r.b:<agr>
 NP₀:<case> = S_r.b:<assign-case>

```

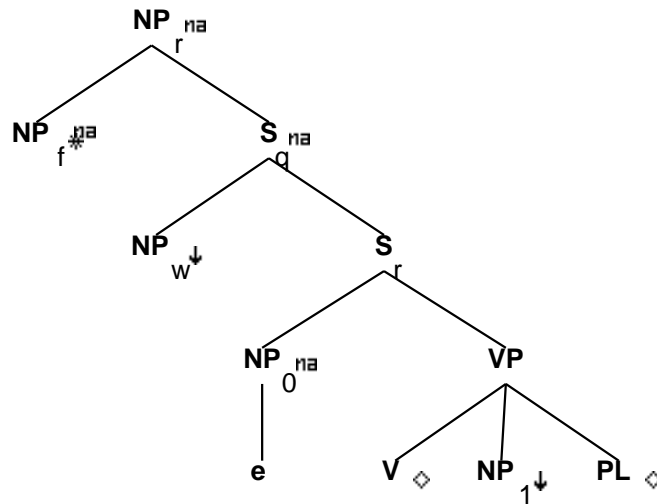
S_r.b:<agr> = VP.t:<agr>
S_r.b:<assign-case> = VP.t:<assign-case>
S_r.b:<control> = NP_0.t:<control>
VP.b:<passive> = V.t:<passive>
V.t:<passive> = -
VP.b:<agr> = V.t:<agr>
VP.b:<assign-case> = V.t:<assign-case>
VP.b:<assign-comp> = V.t:<assign-comp>
VP.b:<tense> = V.t:<tense>
VP.b:<mode> = V.t:<mode>
VP.b:<mainv> = V.t:<mainv>
VP.b:<compar> = -
NP_f.b:<refl> = -
NP_1.t:<case> = acc
S_r.t:<conj> = nil

NP_w.t:<trace> = NP_1.b:<trace>
NP_w.t:<case> = NP_1.b:<case>
NP_w.t:<agr> = NP_1.b:<agr>
NP_w.t:<wh> = +
S_r.t:<comp> = nil
NP_r.b:<pron> = NP_f.t:<pron>

```

10 Tree "betaN0nx0Vnx1pl"

10.1 graphe



10.2 comments

Transitive verb particle.
Relative clause on the subject.
Moved particle.

[the woman] who called Fred up
[the woman] that ran the flower bed over

10.3 features

S_r.b:<assign-comp> = VP.t:<assign-comp>

S_r.t:<mode> = ind/inf

S_r.b:<comp> = nil

S_r.b:<mode> = VP.t:<mode>

S_r.b:<tense> = VP.t:<tense>

S_r.t:<inv> = -

NP_1:<case> = acc

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

S_r.b:<assign-case> = VP.t:<assign-case>

S_r.b:<agr> = NP_0.t:<agr>

S_r.b:<assign-case> = NP_0.t:<case>

VP.b:<passive> = V.t:<passive>

V.t:<passive> = -

VP.b:<agr> = V.t:<agr>

VP.b:<assign-case> = V.t:<assign-case>

VP.b:<assign-comp> = V.t:<assign-comp>

VP.b:<tense> = V.t:<tense>

VP.b:<mode> = V.t:<mode>

VP.b:<mainv> = V.t:<mainv>

VP.b:<compar> = -

S_r.t:<conj> = nil

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

NP_r.b:<agr> = NP_f.t:<agr>

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

NP_w.t:<trace> = NP_0.b:<trace>

NP_w.t:<case> = NP_0.b:<case>

NP_w.t:<agr> = NP_0.b:<agr>

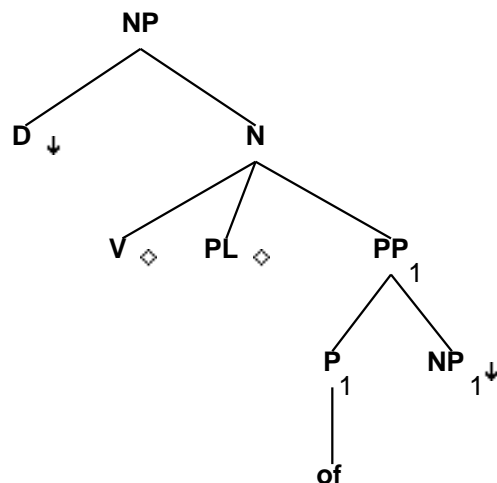
NP_w.t:<wh> = +

S_r.t:<comp> = nil

NP_r.b:<pron> = NP_f.t:<pron>

11 Tree "alphaDnx0Vplnx1"

11.1 graphe



11.2 comments

Transitive verb particle - Determiner Gerund.

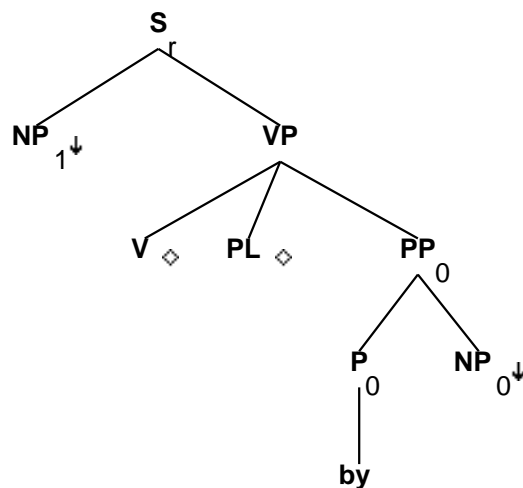
'The adding up of the numbers [took forever]'

11.3 features

NP.b:<const> = D.t:<const>
NP.b:<definite> = D.t:<definite>
NP.b:<quan> = D.t:<quan>
NP.b:<card> = D.t:<card>
NP.b:<gen> = D.t:<gen>
NP.b:<decreas> = D.t:<decreas>
NP.b:<wh> = D.t:<wh>
V.b:<mode> = ger
NP.b:<case> = nom/acc
NP.b:<agr num> = sing
NP.b:<agr pers> = 3
NP.b:<agr 3rdsing> = +
P_1.b:<assign-case> = acc
PP_1.b:<assign-case> = P_1.t:<assign-case>
PP_1.b:<assign-case> = NP_1.t:<case>

12 Tree "alphanx1Vplbyn0"

12.1 graphe



12.2 comments

Passive:
the numbers were added up by Ann

12.3 features

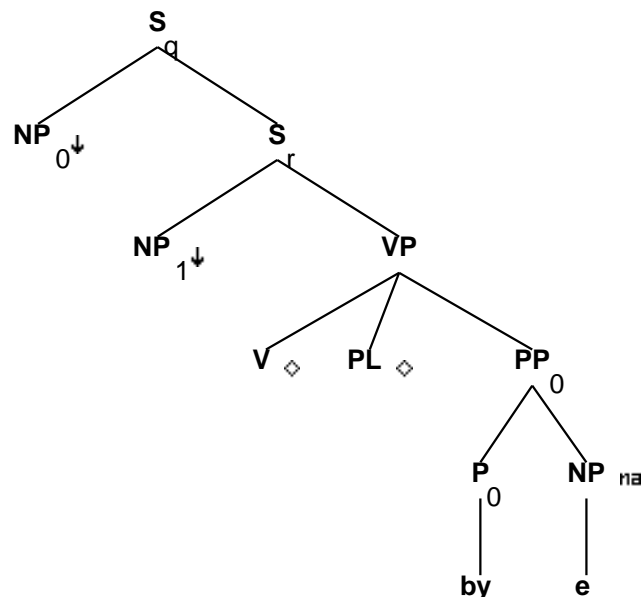
S_r.b:<extracted> = -
S_r.b:<inv> = -
S_r.b:<assign-comp> = VP.t:<assign-comp>

S_r.b:<mode> = VP.t:<mode>
S_r.b:<comp> = nil
S_r.b:<tense> = VP.t:<tense>
NP_1:<agr> = S_r.b:<agr>
NP_1:<case> = S_r.b:<assign-case>
NP_1:<wh> = S_r.b:<wh>
NP_1:<wh> = -
S_r.b:<agr> = VP.t:<agr>
S_r.b:<assign-case> = VP.t:<assign-case>
VP.b:<mode> = V.t:<mode>
VP.b:<assign-case> = V.t:<assign-case>
VP.b:<assign-comp> = V.t:<assign-comp>
VP.b:<tense> = V.t:<tense>
VP.b:<passive> = V.t:<passive>
VP.b:<agr> = V.t:<agr>
VP.b:<mainv> = V.t:<mainv>

VP.b:<compar> = -
 V.t:<mode> = ppart
 V.t:<passive> = +
 PP_0.b:<assign-case> = P_0.t:<assign-case>
 PP_0.b:<assign-case> = NP_0.t:<case>
 PP_0.b:<wh> = NP_0.t:<wh>
 P_0.b:<assign-case> = acc
 S_r.b:<control> = NP_1.t:<control>
 S_r.b:<progressive> = VP.t:<progressive>
 S_r.b:<perfect> = VP.t:<perfect>
 S_r.b:<passive> = VP.t:<passive>
 S_r.b:<mainv> = VP.t:<mainv>

13 Tree "alphaW0nx1Vplbynx0"

13.1 graphe



13.2 comments

Wh question, extraction from by-phrase of nx0 in passive constructions:
 who were the numbers added up by
 Topicalization:
 John were the numbers added up by

13.3 features

S_q.b:<extracted> = +
 S_q.b:<inv> = S_r.t:<inv>

```

S_q.b:<inv> = S_q.b:<invlink>
S_r.t:<comp> = nil
S_r.b:<assign-comp> = VP.t:<assign-comp>

```

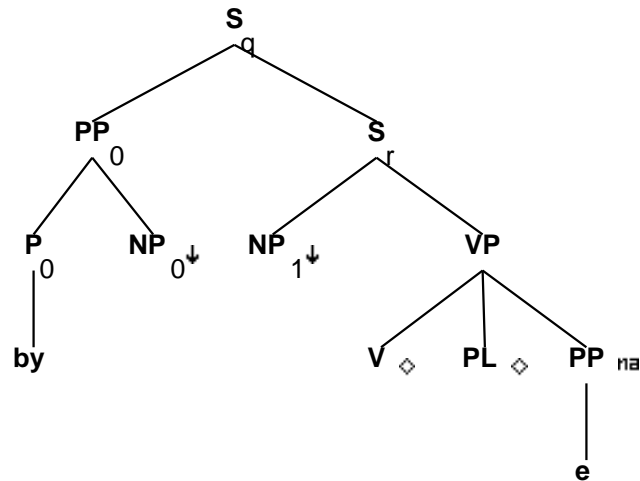
```

S_q.b:<wh> = NP_0:<wh>
S_q.b:<mode> = S_r.t:<mode>
S_q.b:<comp> = nil
S_r.b:<inv> = -
S_r.b:<mode> = VP.t:<mode>
S_r.b:<comp> = nil
S_r.b:<tense> = VP.t:<tense>
S_r.b:<agr> = VP.t:<agr>
S_r.b:<assign-case> = VP.t:<assign-case>
S_r.b:<agr> = NP_1.t:<agr>
S_r.b:<assign-case> = NP_1.t:<case>
VP.b:<passive> = +
VP.b:<mode> = V.t:<mode>
VP.b:<assign-case> = V.t:<assign-case>
VP.b:<assign-comp> = V.t:<assign-comp>
VP.b:<tense> = V.t:<tense>
VP.b:<agr> = V.t:<agr>
VP.b:<mainv> = V.t:<mainv>
VP.b:<compar> = -
V.t:<mode> = ppart
V.t:<passive> = +
VP.b:<passive> = V.t:<passive>
NP.t:<agr> = NP_0:<agr>
NP.t:<case> = NP_0:<case>
NP.t:<trace> = NP_0:<trace>
NP.t:<wh> = NP_0:<wh>
P_0.b:<assign-case> = acc
PP_0.b:<assign-case> = P_0.t:<assign-case>
NP:<case> = PP_0.b:<assign-case>
NP:<wh> = PP_0.b:<wh>
S_r.t:<conj> = nil
S_r.b:<control> = NP_1.t:<control>
S_r.b:<progressive> = VP.t:<progressive>
S_r.b:<perfect> = VP.t:<perfect>
S_r.b:<passive> = VP.t:<passive>
S_r.b:<mainv> = VP.t:<mainv>

```

14 Tree "alphapW0nx1Vplbyn0"

14.1 graphe



14.2 comments

Wh question on NP0 in passive constructions, by-phrase extracted:

by whom were the numbers added up

Topicalization:

by John were the numbers added up

14.3 features

S_q.b:<extracted> = +

S_q.b:<inv> = S_r.t:<inv>

S_q.b:<inv> = S_q.b:<invlink>

P_0.b:<assign-case> = acc

S_r.t:<comp> = nil

S_r.b:<assign-comp> = VP.t:<assign-comp>

PP_0.b:<assign-case> = P_0.t:<assign-case>

NP_0:<case> = PP_0.b:<assign-case>

PP_0.b:<wh> = NP_0:<wh>

S_q.b:<wh> = PP_0.t:<wh>

S_q.b:<mode> = S_r.t:<mode>

S_q.b:<comp> = nil

S_r.b:<inv> = -

S_r.b:<mode> = VP.t:<mode>

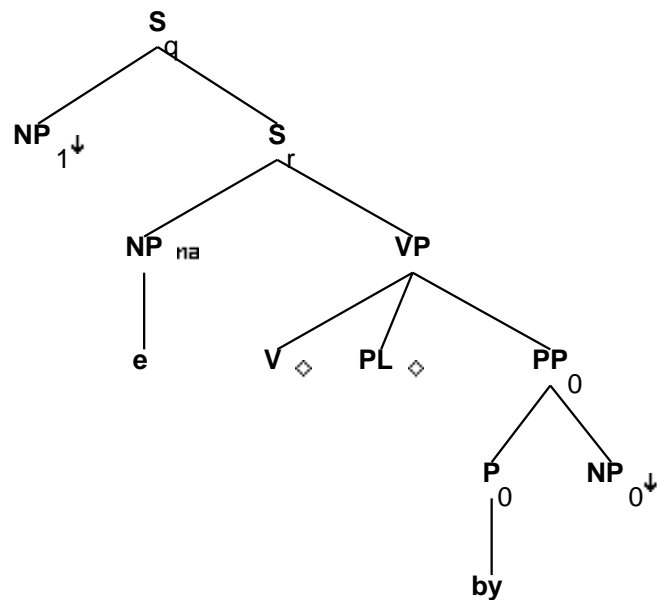
S_r.b:<comp> = nil

S_r.b:<tense> = VP.t:<tense>

S_r.b:<agr> = VP.t:<agr>
 S_r.b:<assign-case> = VP.t:<assign-case>
 S_r.b:<agr> = NP_1.t:<agr>
 S_r.b:<assign-case> = NP_1.t:<case>
 VP.b:<passive> = +
 VP.b:<mode> = V.t:<mode>
 VP.b:<assign-case> = V.t:<assign-case>
 VP.b:<assign-comp> = V.t:<assign-comp>
 VP.b:<tense> = V.t:<tense>
 VP.b:<agr> = V.t:<agr>
 VP.b:<mainv> = V.t:<mainv>
 VP.b:<compar> = -
 V.t:<mode> = ppart
 V.t:<passive> = +
 VP.b:<passive> = V.t:<passive>
 PP.t:<trace> = PP_0.t:<trace>
 S_r.t:<conj> = nil
 S_r.b:<control> = NP_1.t:<control>
 S_r.b:<progressive> = VP.t:<progressive>
 S_r.b:<perfect> = VP.t:<perfect>
 S_r.b:<passive> = VP.t:<passive>
 S_r.b:<mainv> = VP.t:<mainv>

15 Tree "alphaW1nx1Vplbyn0"

15.1 graphe



15.2 comments

Transitive verb particle.
passive with by phrase.
wh-extraction on the subject.

Who [did everyone think] was called up by Angela?
What was run over by Marie?

15.3 features

S_q.b:<extracted> = +

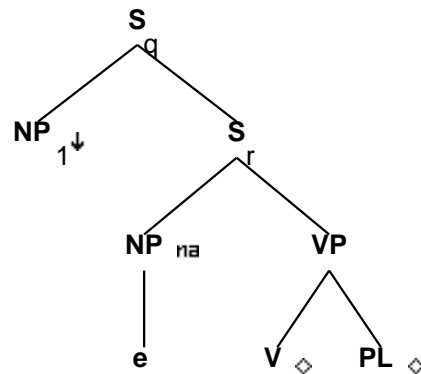
S_q.b:<inv> = S_r.t:<inv>
S_r.t:<comp> = nil
S_r.b:<assign-comp> = inf_nil/ind_nil/ecm
S_r.b:<assign-comp> = VP.t:<assign-comp>

S_q.b:<wh> = NP_1:<wh>
S_r.b:<inv> = -
S_q.b:<mode> = S_r.t:<mode>
S_q.b:<comp> = nil
NP.t:<agr> = NP_1:<agr>
NP.t:<case> = NP_1:<case>
NP.t:<wh> = NP_1:<wh>
NP_1.t:<wh> = +
NP.t:<trace> = NP_1:<trace>
S_r.b:<mode> = VP.t:<mode>
S_r.b:<comp> = nil
S_r.b:<tense> = VP.t:<tense>
S_r.b:<agr> = VP.t:<agr>
S_r.b:<assign-case> = VP.t:<assign-case>
S_r.b:<agr> = NP.t:<agr>
S_r.b:<assign-case> = NP.t:<case>
VP.b:<passive> = +
VP.b:<mode> = V.t:<mode>
VP.b:<assign-case> = V.t:<assign-case>
VP.b:<assign-comp> = V.t:<assign-comp>
VP.b:<tense> = V.t:<tense>
VP.b:<agr> = V.t:<agr>
VP.b:<mainv> = V.t:<mainv>
VP.b:<compar> = -
V.t:<mode> = ppart
V.t:<passive> = +
VP.b:<passive> = V.t:<passive>
PP_0.b:<assign-case> = P_0.t:<assign-case>
PP_0.b:<assign-case> = NP_0.t:<case>

PP_0.b:<wh> = NP_0.t:<wh>
 P_0.b:<assign-case> = acc
 S_r.t:<conj> = nil

16 Tree "alphaW1nx1Vpl"

16.1 graphe



16.2 comments

Wh question on NP1 in passive constructions, w/o by-phrase:
 what was added up

16.3 features

S_q.b:<extracted> = +
 S_q.b:<inv> = S_r.t:<inv>
 S_r.t:<comp> = nil
 S_r.b:<assign-comp> = inf_nil/ind_nil/ecm
 S_r.b:<assign-comp> = VP.t:<assign-comp>

S_q.b:<wh> = NP_1:<wh>
 S_r.b:<inv> = -
 S_q.b:<mode> = S_r.t:<mode>
 S_q.b:<comp> = nil
 NP.t:<agr> = S_r.b:<agr>
 NP.t:<case> = S_r.b:<assign-case>
 NP_1.t:<wh> = +
 NP.t:<trace> = NP_1:<trace>
 NP.t:<agr> = NP_1:<agr>
 NP.t:<case> = NP_1:<case>
 NP.t:<wh> = NP_1:<wh>

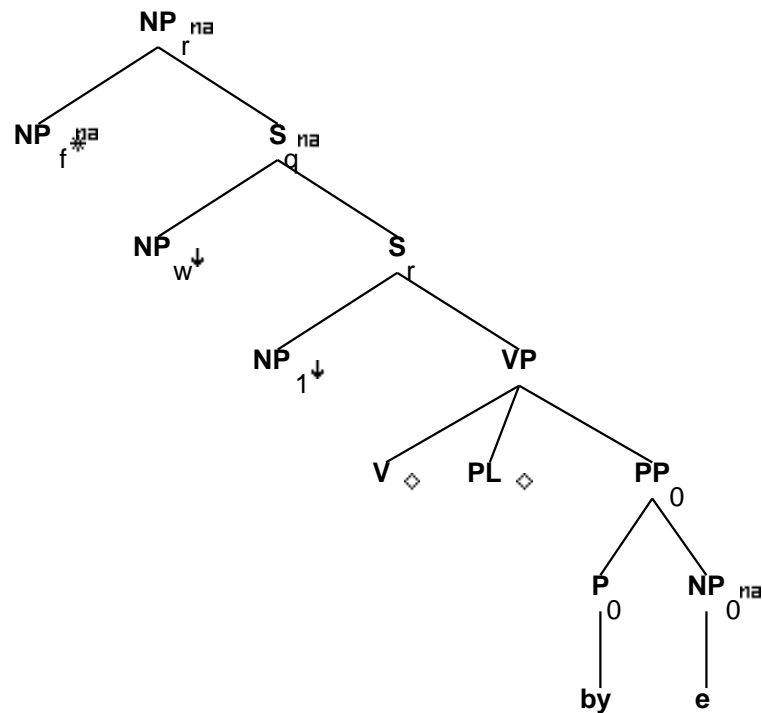
```

S_r.b:<mode> = VP.t:<mode>
S_r.b:<comp> = nil
S_r.b:<tense> = VP.t:<tense>
S_r.b:<agr> = VP.t:<agr>
S_r.b:<assign-case> = VP.t:<assign-case>
VP.b:<passive> = +
VP.b:<mode> = V.t:<mode>
VP.b:<assign-case> = V.t:<assign-case>
VP.b:<assign-comp> = V.t:<assign-comp>
VP.b:<tense> = V.t:<tense>
VP.b:<agr> = V.t:<agr>
VP.b:<mainv> = V.t:<mainv>
VP.b:<compar> = -
V.t:<mode> = ppart
V.t:<passive> = +
VP.b:<passive> = V.t:<passive>
S_r.t:<conj> = nil

```

17 Tree "betaN0nx1Vplbynx0"

17.1 graphe



17.2 comments

That relative clause, extraction of NP0 from by-phrase:

(I saw) the machine that the numbers were added up by

17.3 features

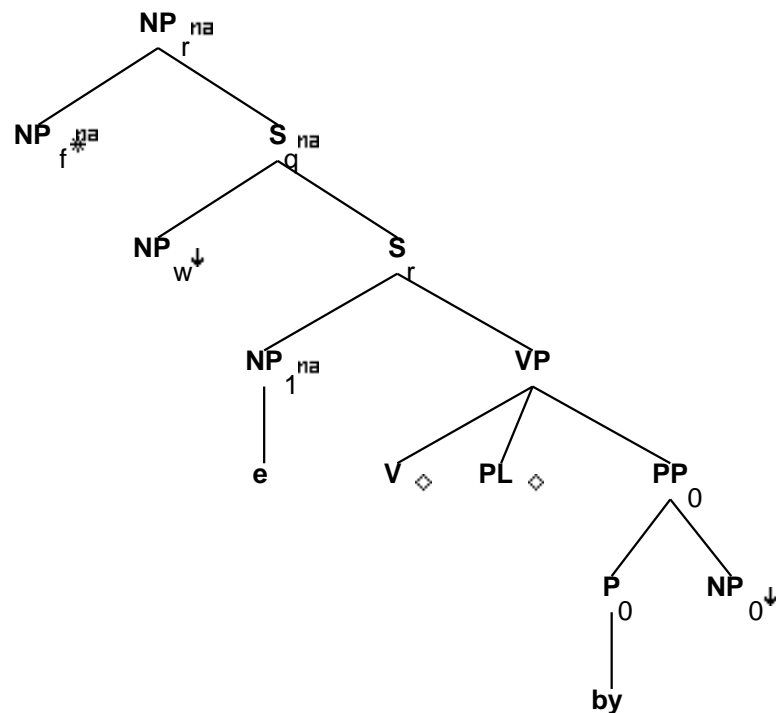
S_r.b:<assign-comp> = VP.t:<assign-comp>

NP_f.t:<agr> = NP_r.b:<agr>
NP_f.t:<wh> = NP_r.b:<wh>
NP_f.t:<case> = NP_r.b:<case>
S_r.t:<mode> = ind/inf
S_r.b:<comp> = nil
S_r.b:<mode> = VP.t:<mode>
S_r.b:<tense> = VP.t:<tense>
S_r.b:<agr> = VP.t:<agr>
S_r.b:<assign-case> = VP.t:<assign-case>
S_r.b:<agr> = NP_1.t:<agr>
S_r.b:<assign-case> = NP_1.t:<case>
S_r.b:<control> = NP_0.t:<control>
VP.t:<mode> = ind
VP.b:<passive> = +
VP.b:<mode> = V.t:<mode>
VP.b:<assign-case> = V.t:<assign-case>
VP.b:<assign-comp> = V.t:<assign-comp>
VP.b:<tense> = V.t:<tense>
VP.b:<mainv> = V.t:<mainv>
VP.b:<compar> = -
V.t:<mode> = ppart
V.t:<passive> = +
VP.b:<passive> = V.t:<passive>
VP.b:<agr> = V.t:<agr>
NP_f.b:<refl> = -
PP.b:<assign-case> = P.t:<assign-case>
PP.b:<assign-case> = NP_0.t:<case>
P.b:<assign-case> = acc
S_r.t:<conj> = nil

NP_w.t:<trace> = NP_1.b:<trace>
NP_w.t:<case> = NP_1.b:<case>
NP_w.t:<agr> = NP_1.b:<agr>
NP_w.t:<wh> = +
S_r.t:<comp> = nil
NP_r.b:<pron> = NP_f.t:<pron>

18 Tree "betaN1nx1Vplbynx0"

18.1 graphe



18.2 comments

That relative clause, extraction from NP1:
(I saw) the numbers that were added up by Liz

18.3 features

S_r.b:<assign-comp> = VP.t:<assign-comp>

NP_f.t:<agr> = NP_r.b:<agr>
 NP_f.t:<wh> = NP_r.b:<wh>
 NP_f.t:<case> = NP_r.b:<case>
 S_r.t:<mode> = ind/inf/ppart
 S_r.b:<comp> = nil
 S_r.b:<mode> = VP.t:<mode>
 S_r.b:<tense> = VP.t:<tense>
 S_r.b:<agr> = VP.t:<agr>
 S_r.b:<assign-case> = VP.t:<assign-case>
 S_r.b:<agr> = NP_1.t:<agr>

```

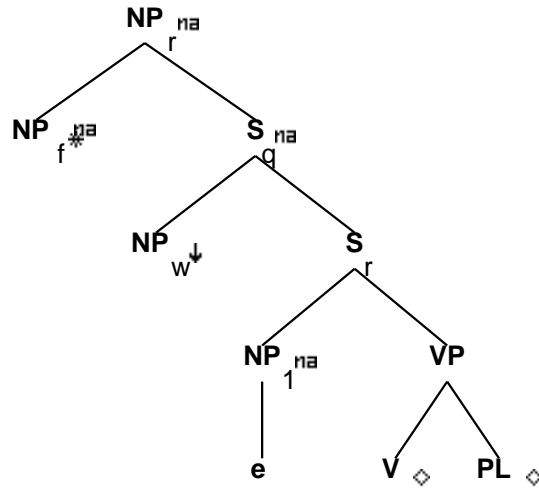
S_r.b:<assign-case> = NP_1.t:<case>
VP.b:<passive> = +
VP.b:<mode> = V.t:<mode>
VP.b:<assign-case> = V.t:<assign-case>
VP.b:<assign-comp> = V.t:<assign-comp>
VP.b:<tense> = V.t:<tense>
VP.b:<mainv> = V.t:<mainv>
VP.b:<compar> = -
V.t:<mode> = ppart
V.t:<assign-comp> = ppart_nil
V.t:<passive> = +
VP.b:<passive> = V.t:<passive>
VP.b:<agr> = V.t:<agr>
NP_f.b:<refl> = -
PP.b:<assign-case> = P.t:<assign-case>
PP.b:<assign-case> = NP_0.t:<case>
P.b:<assign-case> = acc
S_r.t:<conj> = nil

NP_w.t:<trace> = NP_1.b:<trace>
NP_w.t:<case> = NP_1.b:<case>
NP_w.t:<agr> = NP_1.b:<agr>
NP_w.t:<wh> = +
S_r.t:<comp> = nil
NP_r.b:<pron> = NP_f.t:<pron>

```

19 Tree "betaN1nx1Vpl"

19.1 graphe



19.2 comments

That relative clause, extraction from NP1:
(I saw) the numbers that were added up by Liz

19.3 features

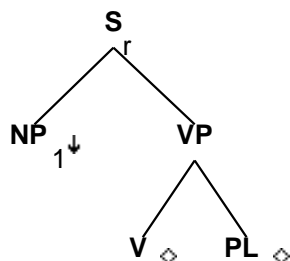
S_r.b:<assign-comp> = VP.t:<assign-comp>

NP_f.t:<agr> = NP_r.b:<agr>
NP_f.t:<wh> = NP_r.b:<wh>
NP_f.t:<case> = NP_r.b:<case>
S_r.t:<mode> = ind/inf/ppart
S_r.b:<comp> = nil
S_r.b:<mode> = VP.t:<mode>
S_r.b:<tense> = VP.t:<tense>
S_r.b:<agr> = VP.t:<agr>
S_r.b:<assign-case> = VP.t:<assign-case>
S_r.b:<agr> = NP_1.t:<agr>
S_r.b:<assign-case> = NP_1.t:<case>
VP.b:<passive> = +
VP.b:<mode> = V.t:<mode>
VP.b:<assign-case> = V.t:<assign-case>
VP.b:<assign-comp> = V.t:<assign-comp>
VP.b:<tense> = V.t:<tense>
VP.b:<mainv> = V.t:<mainv>
VP.b:<compar> = -
V.t:<mode> = ppart
V.t:<assign-comp> = ppart_nil
V.t:<passive> = +
VP.b:<passive> = V.t:<passive>
VP.b:<agr> = V.t:<agr>
NP_f.b:<refl> = -
S_r.t:<conj> = nil

NP_w.t:<trace> = NP_1.b:<trace>
NP_w.t:<case> = NP_1.b:<case>
NP_w.t:<agr> = NP_1.b:<agr>
NP_w.t:<wh> = +
S_r.t:<comp> = nil
NP_r.b:<pron> = NP_f.t:<pron>

20 Tree "alphanx1Vpl"

20.1 graphe



20.2 comments

Passive:
the numbers were added up

20.3 features

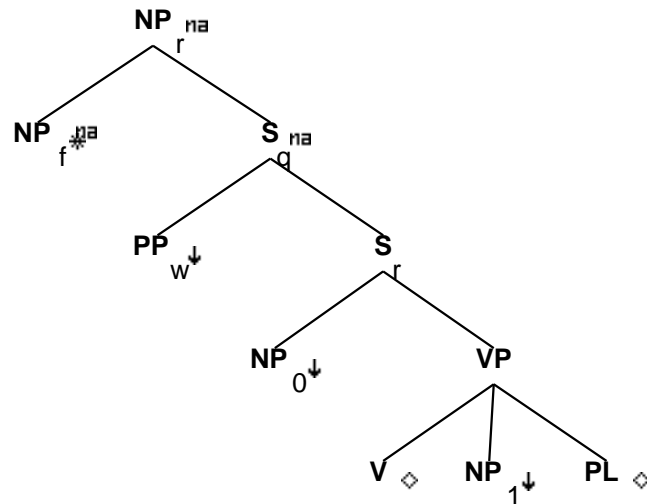
S_r.b:<extracted> = -
S_r.b:<inv> = -
S_r.b:<assign-comp> = VP.t:<assign-comp>

S_r.b:<mode> = VP.t:<mode>
S_r.b:<comp> = nil
S_r.b:<tense> = VP.t:<tense>
NP_1:<agr> = S_r.b:<agr>
NP_1:<case> = S_r.b:<assign-case>
NP_1:<wh> = S_r.b:<wh>
NP_1:<wh> = -
S_r.b:<agr> = VP.t:<agr>
S_r.b:<assign-case> = VP.t:<assign-case>
VP.b:<mode> = V.t:<mode>
VP.b:<assign-case> = V.t:<assign-case>
VP.b:<assign-comp> = V.t:<assign-comp>
VP.b:<tense> = V.t:<tense>
VP.b:<passive> = V.t:<passive>
VP.b:<agr> = V.t:<agr>
VP.b:<mainv> = V.t:<mainv>
VP.b:<compar> = -
V.t:<mode> = ppart
V.t:<passive> = +
S_r.b:<control> = NP_1.t:<control>
S_r.b:<progressive> = VP.t:<progressive>
S_r.b:<perfect> = VP.t:<perfect>
S_r.b:<passive> = VP.t:<passive>

S_r.b:<mainv> = VP.t:<mainv>

21 Tree "betaNpxnx0Vnx1pl"

21.1 graphe



21.2 comments

Transitive verb particle.
simple declarative particle next to verb.

[Everyone thought] Angela called up Fred.
Marie ran over the flower bed.

21.3 features

S_r.b:<extracted> = -
S_r.b:<inv> = -
S_r.b:<assign-comp> = VP.t:<assign-comp>

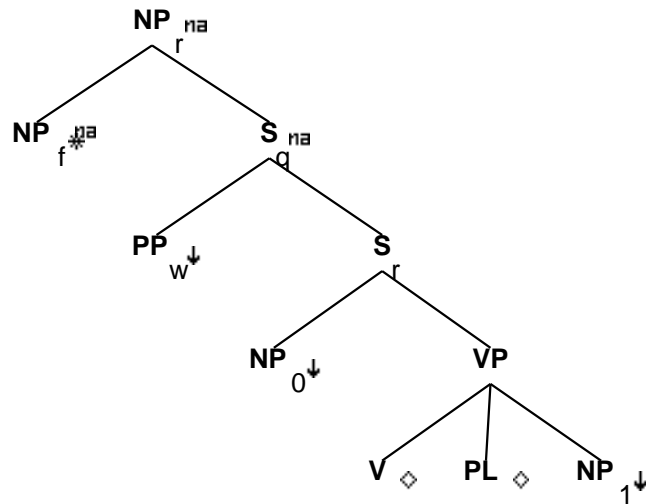
S_r.b:<mode> = VP.t:<mode>
S_r.b:<comp> = nil
S_r.b:<tense> = VP.t:<tense>
NP_0:<agr> = S_r.b:<agr>
NP_0:<case> = S_r.b:<assign-case>
NP_1:<case> = acc
NP_0:<wh> = -
S_r.b:<agr> = VP.t:<agr>
S_r.b:<assign-case> = VP.t:<assign-case>
VP.b:<passive> = V.t:<passive>

V.t:<passive> = -
 VP.b:<agr> = V.t:<agr>
 VP.b:<assign-case> = V.t:<assign-case>
 VP.b:<assign-comp> = V.t:<assign-comp>
 VP.b:<mode> = V.t:<mode>
 VP.b:<tense> = V.t:<tense>
 VP.b:<mainv> = V.t:<mainv>
 VP.b:<compar> = -
 S_r.b:<control> = NP_0.t:<control>
 S_r.t:<inv> = -
 PP_w.t:<wh> = +
 NP_r.b:<wh> = NP_f.t:<wh>
 NP_r.b:<agr> = NP_f.t:<agr>
 NP_r.b:<case> = NP_f.t:<case>
 NP_f.b:<case> = acc/nom
 S_r.t:<comp> = nil
 NP_r.b:<pron> = NP_f.t:<pron>

 S_r.b:<progressive> = VP.t:<progressive>
 S_r.b:<perfect> = VP.t:<perfect>
 S_r.b:<passive> = VP.t:<passive>
 S_r.b:<mainv> = VP.t:<mainv>

22 Tree "betaNpxnx0Vplnx1"

22.1 graphe



22.2 comments

Transitive verb particle.
 simple declarative, moved particle.

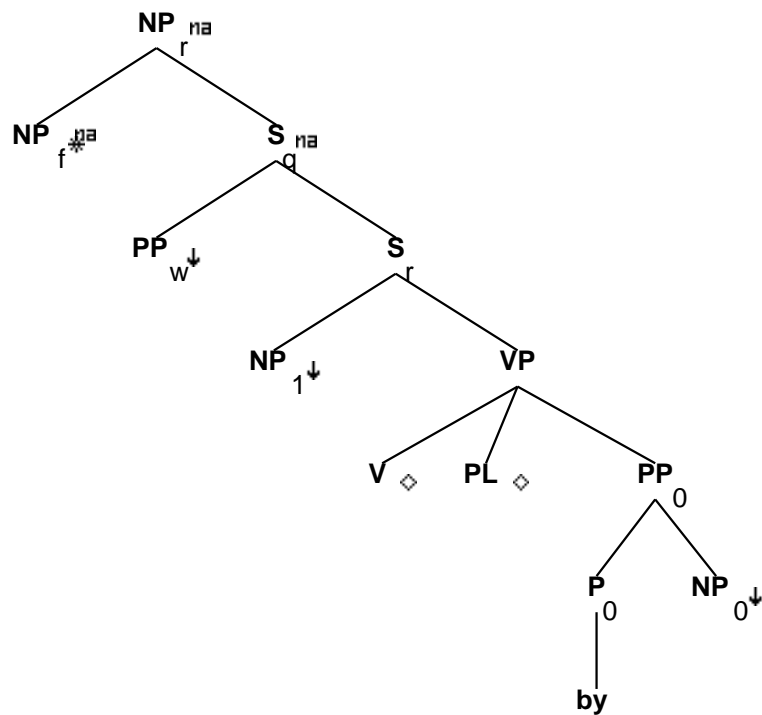
[Everyone thought] Angela called Fred up.
Marie ran the flower bed over.

22.3 features

```
S_r.b:<extracted> = -  
S_r.b:<inv> = -  
S_r.b:<assign-comp> = VP.t:<assign-comp>  
  
S_r.b:<mode> = VP.t:<mode>  
S_r.b:<comp> = nil  
S_r.b:<tense> = VP.t:<tense>  
NP_0:<agr> = S_r.b:<agr>  
NP_0:<case> = S_r.b:<assign-case>  
NP_1:<case> = acc  
NP_0:<wh> = -  
S_r.b:<agr> = VP.t:<agr>  
S_r.b:<assign-case> = VP.t:<assign-case>  
VP.b:<passive> = V.t:<passive>  
V.t:<passive> = -  
VP.b:<agr> = V.t:<agr>  
VP.b:<assign-case> = V.t:<assign-case>  
VP.b:<assign-comp> = V.t:<assign-comp>  
VP.b:<mode> = V.t:<mode>  
VP.b:<tense> = V.t:<tense>  
VP.b:<mainv> = V.t:<mainv>  
VP.b:<compar> = -  
S_r.b:<control> = NP_0.t:<control>  
S_r.t:<inv> = -  
PP_w.t:<wh> = +  
NP_r.b:<wh> = NP_f.t:<wh>  
NP_r.b:<agr> = NP_f.t:<agr>  
NP_r.b:<case> = NP_f.t:<case>  
NP_f.b:<case> = acc/nom  
S_r.t:<comp> = nil  
NP_r.b:<pron> = NP_f.t:<pron>  
  
S_r.b:<progressive> = VP.t:<progressive>  
S_r.b:<perfect> = VP.t:<perfect>  
S_r.b:<passive> = VP.t:<passive>  
S_r.b:<mainv> = VP.t:<mainv>
```

23 Tree "betaNpxnx1Vplbynx0"

23.1 graphe



23.2 comments

Passive:
the numbers were added up by Ann

23.3 features

```
S_r.b:<extracted> = -  
S_r.b:<inv> = -  
S_r.b:<assign-comp> = VP.t:<assign-comp>
```

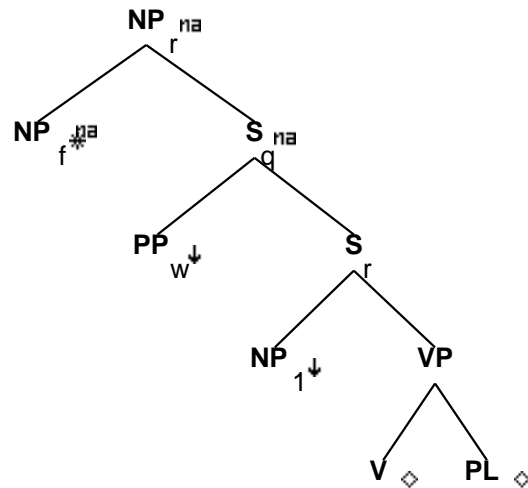
```
S_r.b:<mode> = VP.t:<mode>  
S_r.b:<comp> = nil  
S_r.b:<tense> = VP.t:<tense>  
NP_1:<agr> = S_r.b:<agr>  
NP_1:<case> = S_r.b:<assign-case>  
NP_1:<wh> = -  
S_r.b:<agr> = VP.t:<agr>  
S_r.b:<assign-case> = VP.t:<assign-case>  
VP.b:<mode> = V.t:<mode>
```


VP.b:<assign-case> = V.t:<assign-case>
 VP.b:<assign-comp> = V.t:<assign-comp>
 VP.b:<tense> = V.t:<tense>
 VP.b:<passive> = V.t:<passive>
 VP.b:<agr> = V.t:<agr>
 VP.b:<mainv> = V.t:<mainv>
 VP.b:<compar> = -
 V.t:<mode> = ppart
 V.t:<passive> = +
 PP.b:<assign-case> = P.t:<assign-case>
 PP.b:<assign-case> = NP_0.t:<case>
 P.b:<assign-case> = acc
 S_r.b:<control> = NP_1.t:<control>
 S_r.t:<inv> = -
 PP_w.t:<wh> = +
 NP_r.b:<wh> = NP_f.t:<wh>
 NP_r.b:<agr> = NP_f.t:<agr>
 NP_r.b:<case> = NP_f.t:<case>
 NP_f.b:<case> = acc/nom
 S_r.t:<comp> = nil
 NP_r.b:<pron> = NP_f.t:<pron>

 S_r.b:<progressive> = VP.t:<progressive>
 S_r.b:<perfect> = VP.t:<perfect>
 S_r.b:<passive> = VP.t:<passive>
 S_r.b:<mainv> = VP.t:<mainv>

24 Tree "betaNpxnx1Vpl"

24.1 graphe



24.2 comments

Passive:

the numbers were added up by Ann

24.3 features

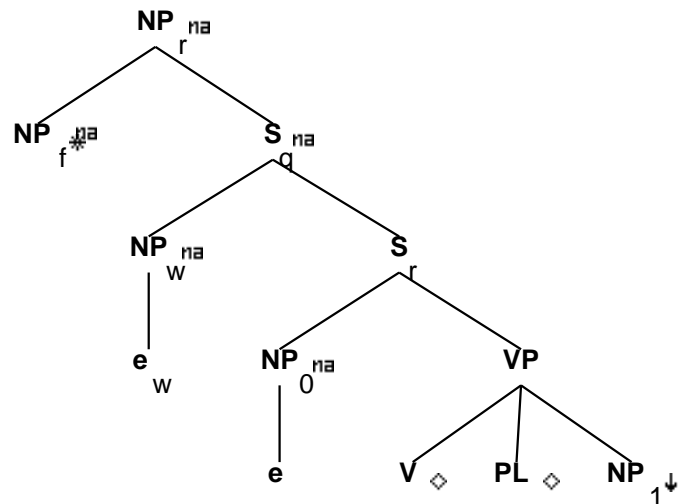
```
S_r.b:<extracted> = -  
S_r.b:<inv> = -  
S_r.b:<assign-comp> = VP.t:<assign-comp>
```

```
S_r.b:<mode> = VP.t:<mode>  
S_r.b:<comp> = nil  
S_r.b:<tense> = VP.t:<tense>  
NP_1:<agr> = S_r.b:<agr>  
NP_1:<case> = S_r.b:<assign-case>  
NP_1:<wh> = -  
S_r.b:<agr> = VP.t:<agr>  
S_r.b:<assign-case> = VP.t:<assign-case>  
VP.b:<mode> = V.t:<mode>  
VP.b:<assign-case> = V.t:<assign-case>  
VP.b:<assign-comp> = V.t:<assign-comp>  
VP.b:<tense> = V.t:<tense>  
VP.b:<passive> = V.t:<passive>  
VP.b:<agr> = V.t:<agr>  
VP.b:<mainv> = V.t:<mainv>  
VP.b:<compar> = -  
V.t:<mode> = ppart  
V.t:<passive> = +  
S_r.b:<control> = NP_1.t:<control>  
S_r.t:<inv> = -  
PP_w.t:<wh> = +  
NP_r.b:<wh> = NP_f.t:<wh>  
NP_r.b:<agr> = NP_f.t:<agr>  
NP_r.b:<case> = NP_f.t:<case>  
NP_f.b:<case> = acc/nom  
S_r.t:<comp> = nil  
NP_r.b:<pron> = NP_f.t:<pron>
```

```
S_r.b:<progressive> = VP.t:<progressive>  
S_r.b:<perfect> = VP.t:<perfect>  
S_r.b:<passive> = VP.t:<passive>  
S_r.b:<mainv> = VP.t:<mainv>
```

25 Tree "betaNc0nx0Vplnx1"

25.1 graphe



25.2 comments

Transitive verb particle.
Relative clause on the subject.
Particle next to verb.

[The woman] that called up Fred.
[The woman] who ran over the flower bed.

25.3 features

S_r.b:<assign-comp> = VP.t:<assign-comp>

S_r.t:<mode> = ind/inf/ger

S_r.t:<nocomp-mode> = inf/ger

VP.t:<assign-comp> = that/ind_nil/inf_nil/ecm

S_r.b:<nocomp-mode> = S_r.b:<mode>

S_r.b:<comp> = nil

S_r.b:<mode> = VP.t:<mode>

S_r.b:<tense> = VP.t:<tense>

S_r.t:<inv> = -

NP_1:<case> = acc

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

S_r.b:<assign-case> = VP.t:<assign-case>

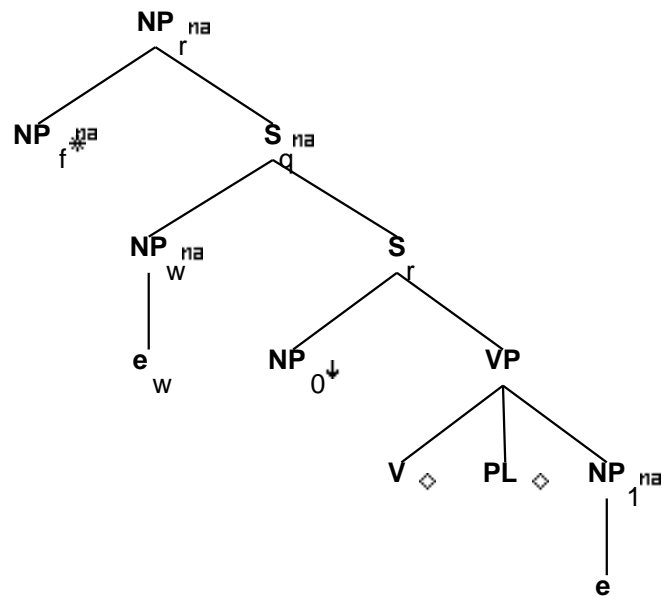
S_r.b:<agr> = NP_0.t:<agr>
 S_r.b:<assign-case> = NP_0.t:<case>
 VP.b:<passive> = V.t:<passive>
 V.t:<passive> = -
 VP.b:<agr> = V.t:<agr>
 VP.b:<assign-case> = V.t:<assign-case>
 VP.b:<assign-comp> = V.t:<assign-comp>
 VP.b:<tense> = V.t:<tense>
 VP.b:<mode> = V.t:<mode>
 VP.b:<mainv> = V.t:<mainv>
 VP.b:<compar> = -
 S_r.t:<conj> = nil
 NP_r.b:<wh> = NP_f.t:<wh>
 NP_r.b:<agr> = NP_f.t:<agr>
 NP_r.b:<case> = NP_f.t:<case>

 NP_r.b:<pron> = NP_f.t:<pron>

 NP_w.t:<trace> = NP_0.t:<trace>
 NP_w.t:<case> = NP_0.t:<case>
 NP_w.t:<agr> = NP_0.t:<agr>

26 Tree "betaNc1nx0Vplnx1"

26.1 graphe



26.2 comments

Transitive verb particle.

Relative clause on the object.

[the guy] Angela called up.
[the flower bed] that Marie ran over.

26.3 features

S_r.b:<assign-comp> = VP.t:<assign-comp>

S_r.b:<mode> = VP.t:<mode>
S_r.t:<mode> = ind/inf
S_r.t:<nocomp-mode> = ind
VP.t:<assign-comp> = that/for/ind_nil

S_r.b:<nocomp-mode> = S_r.b:<mode>

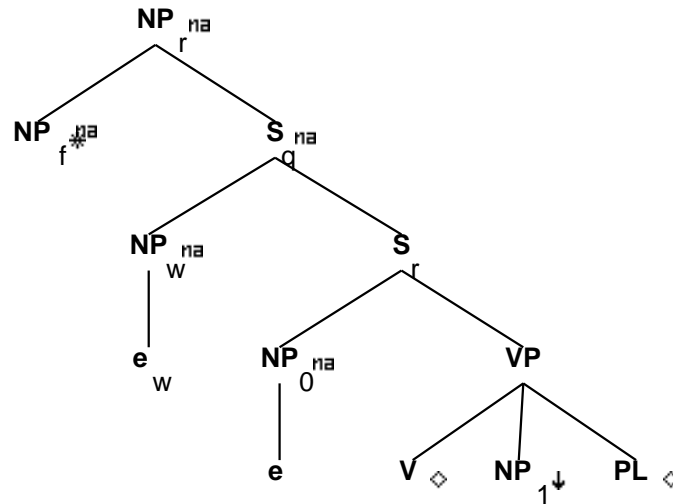
S_r.b:<tense> = VP.t:<tense>
S_r.b:<comp> = nil
S_r.t:<inv> = -
NP_r.b:<wh> = NP_f.t:<wh>
NP_r.b:<case> = NP_f.t:<case>
NP_r.b:<agr> = NP_f.t:<agr>
NP_0:<agr> = S_r.b:<agr>
NP_0:<case> = S_r.b:<assign-case>
S_r.b:<agr> = VP.t:<agr>
S_r.b:<assign-case> = VP.t:<assign-case>
S_r.b:<control> = NP_0.t:<control>
VP.b:<passive> = V.t:<passive>
V.t:<passive> = -
VP.b:<agr> = V.t:<agr>
VP.b:<assign-case> = V.t:<assign-case>
VP.b:<assign-comp> = V.t:<assign-comp>
VP.b:<tense> = V.t:<tense>
VP.b:<mode> = V.t:<mode>
VP.b:<mainv> = V.t:<mainv>
VP.b:<compar> = -
NP_f.b:<refl> = -
NP_1.t:<case> = acc
S_r.t:<conj> = nil

NP_r.b:<pron> = NP_f.t:<pron>

NP_w.t:<trace> = NP_1.t:<trace>
NP_w.t:<case> = NP_1.t:<case>

27 Tree "betaNc0nx0Vnx1pl"

27.1 graphe



27.2 comments

Transitive verb particle.
Relative clause on the subject.
Moved particle.

[the woman] who called Fred up
[the woman] that ran the flower bed over

27.3 features

S_r.b:<assign-comp> = VP.t:<assign-comp>

S_r.t:<mode> = ind/inf/ger

S_r.t:<nocomp-mode> = inf/ger

VP.t:<assign-comp> = that/ind_nil/inf_nil/ecm

S_r.b:<nocomp-mode> = S_r.b:<mode>

S_r.b:<comp> = nil

S_r.b:<mode> = VP.t:<mode>

S_r.b:<tense> = VP.t:<tense>

S_r.t:<inv> = -

NP_1:<case> = acc

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

S_r.b:<assign-case> = VP.t:<assign-case>

```

S_r.b:<agr> = NP_0.t:<agr>
S_r.b:<assign-case> = NP_0.t:<case>
VP.b:<passive> = V.t:<passive>
V.t:<passive> = -
VP.b:<agr> = V.t:<agr>
VP.b:<assign-case> = V.t:<assign-case>
VP.b:<assign-comp> = V.t:<assign-comp>
VP.b:<tense> = V.t:<tense>
VP.b:<mode> = V.t:<mode>
VP.b:<mainv> = V.t:<mainv>
VP.b:<compar> = -
S_r.t:<conj> = nil
NP_r.b:<wh> = NP_f.t:<wh>
NP_r.b:<agr> = NP_f.t:<agr>
NP_r.b:<case> = NP_f.t:<case>

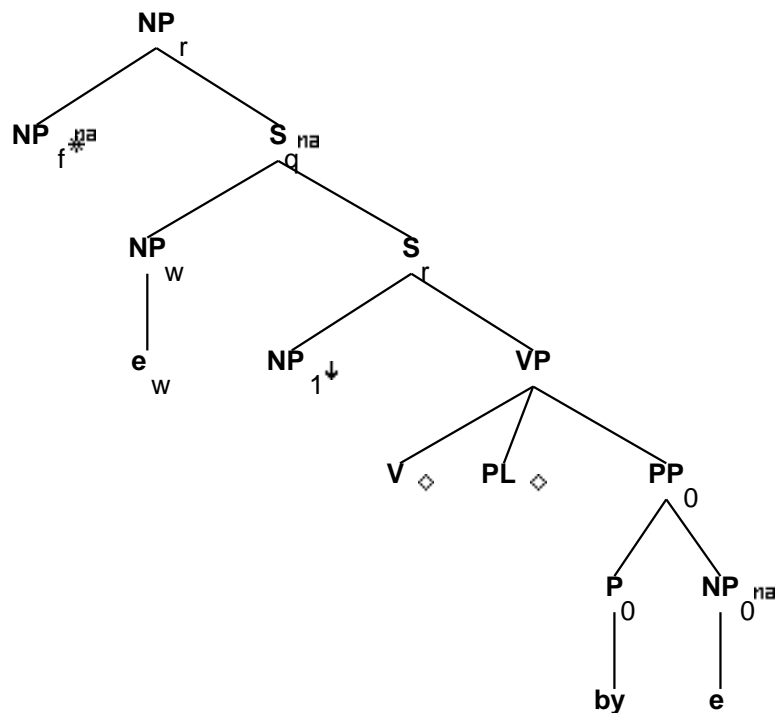
NP_r.b:<pron> = NP_f.t:<pron>

NP_w.t:<trace> = NP_0.t:<trace>
NP_w.t:<agr> = NP_0.t:<agr>
NP_w.t:<case> = NP_0.t:<case>

```

28 Tree "betaNc0nx1Vplbyn0"

28.1 graphe



28.2 comments

That relative clause, extraction of NP0 from by-phrase:
(I saw) the machine that the numbers were added up by

28.3 features

S_r.b:<assign-comp> = VP.t:<assign-comp>

NP_f.t:<agr> = NP_r.b:<agr>

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

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

S_r.t:<mode> = ind/inf

S_r.t:<nocomp-mode> = ind

VP.t:<assign-comp> = that/for/ind_nil

S_r.b:<nocomp-mode> = S_r.b:<mode>

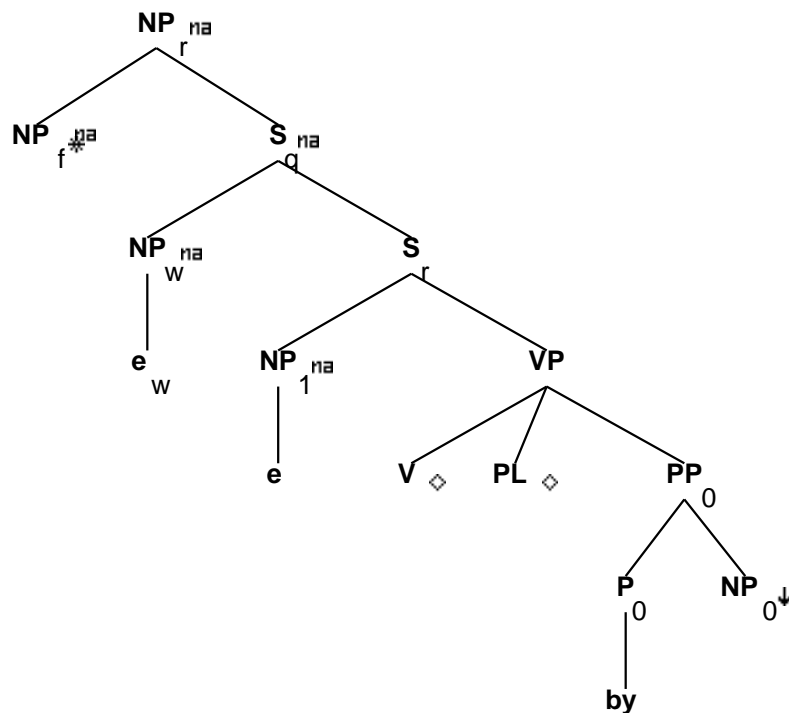
S_r.b:<comp> = nil

S_r.b:<mode> = VP.t:<mode>
 S_r.b:<tense> = VP.t:<tense>
 S_r.b:<agr> = VP.t:<agr>
 S_r.b:<assign-case> = VP.t:<assign-case>
 S_r.b:<agr> = NP_1.t:<agr>
 S_r.b:<assign-case> = NP_1.t:<case>
 S_r.b:<control> = NP_0.t:<control>
 VP.t:<mode> = ind
 VP.b:<passive> = +
 VP.b:<mode> = V.t:<mode>
 VP.b:<assign-case> = V.t:<assign-case>
 VP.b:<assign-comp> = V.t:<assign-comp>
 VP.b:<tense> = V.t:<tense>
 VP.b:<mainv> = V.t:<mainv>
 VP.b:<compar> = -
 V.t:<mode> = ppart
 V.t:<passive> = +
 VP.b:<passive> = V.t:<passive>
 VP.b:<agr> = V.t:<agr>
 NP_f.b:<refl> = -
 PP.b:<assign-case> = P.t:<assign-case>
 PP.b:<assign-case> = NP_0.t:<case>
 P.b:<assign-case> = acc
 S_r.t:<conj> = nil

NP_w.t:<case> = NP_0.t:<case>
 NP_w.t:<trace> = NP_0.t:<trace>

29 Tree "betaNc1nx1Vplbyn0"

29.1 graphe



29.2 comments

That relative clause, extraction from NP1:
(I saw) the numbers that were added up by Liz

29.3 features

S_r.b:<assign-comp> = VP.t:<assign-comp>

NP_f.t:<agr> = NP_r.b:<agr>

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

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

S_r.t:<mode> = ind/inf/ppart/ger

S_r.t:<nocomp-mode> = ind/ger/ppart

VP.t:<assign-comp> = that/inf_nil

S_r.b:<nocomp-mode> = S_r.b:<mode>

```

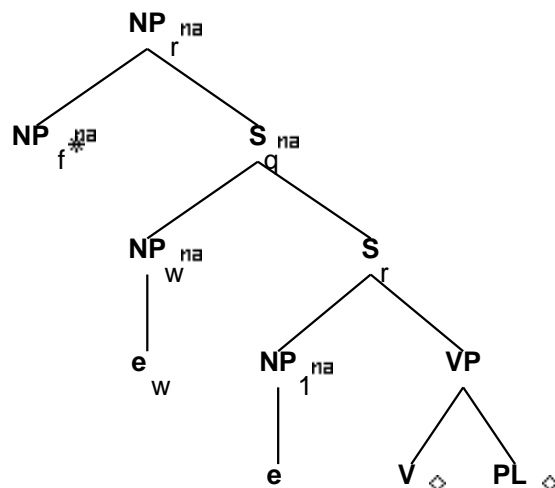
S_r.b:<comp> = nil
S_r.b:<mode> = VP.t:<mode>
S_r.b:<tense> = VP.t:<tense>
S_r.b:<agr> = VP.t:<agr>
S_r.b:<assign-case> = VP.t:<assign-case>
S_r.b:<agr> = NP_1.t:<agr>
S_r.b:<assign-case> = NP_1.t:<case>
VP.b:<passive> = +
VP.b:<mode> = V.t:<mode>
VP.b:<assign-case> = V.t:<assign-case>
VP.b:<assign-comp> = V.t:<assign-comp>
VP.b:<tense> = V.t:<tense>
VP.b:<mainv> = V.t:<mainv>
VP.b:<compar> = -
V.t:<mode> = ppart
V.t:<assign-comp> = ppart_nil
V.t:<passive> = +
VP.b:<passive> = V.t:<passive>
VP.b:<agr> = V.t:<agr>
NP_f.b:<refl> = -
PP.b:<assign-case> = P.t:<assign-case>
PP.b:<assign-case> = NP_0.t:<case>
P.b:<assign-case> = acc
S_r.t:<conj> = nil

NP_w.t:<trace> = NP_1.b:<trace>
NP_w.t:<case> = NP_1.b:<case>
NP_w.t:<agr> = NP_1.b:<agr>
NP_r.b:<pron> = NP_f.t:<pron>

```

30 Tree "betaNc1nx1Vpl"

30.1 graphe



30.2 comments

That relative clause, extraction from NP1:
 (I saw) the numbers that were added up by Liz

30.3 features

S_r.b:<assign-comp> = VP.t:<assign-comp>

```

NP_f.t:<agr> = NP_r.b:<agr>
NP_f.t:<wh> = NP_r.b:<wh>
NP_f.t:<case> = NP_r.b:<case>
S_r.t:<mode> = ind/inf/ppart/ger
S_r.t:<nocomp-mode> = ind/ger/ppart
VP.t:<assign-comp> = that/inf_nil
NP_w.t:<case> = NP_1.t:<case>
NP_w.t:<trace> = NP_1.t:<trace>
NP_w.t:<agr> = NP_1.t:<agr>
S_r.b:<nocomp-mode> = S_r.b:<mode>

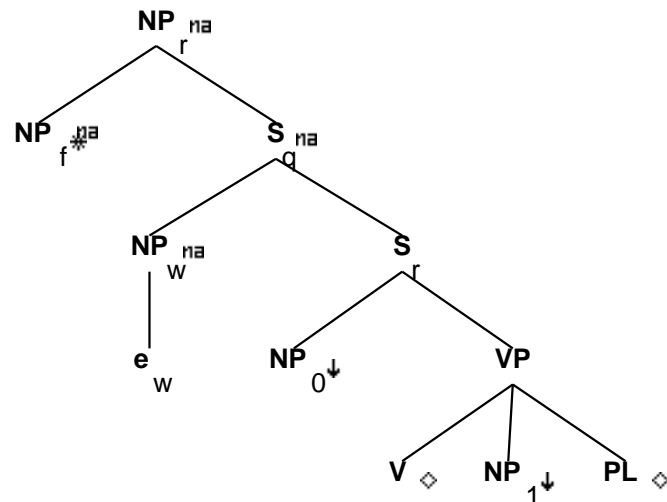
S_r.b:<comp> = nil
S_r.b:<mode> = VP.t:<mode>
S_r.b:<tense> = VP.t:<tense>
S_r.b:<agr> = VP.t:<agr>
S_r.b:<assign-case> = VP.t:<assign-case>
S_r.b:<agr> = NP_1.t:<agr>
    
```

S_r.b:<assign-case> = NP_1.t:<case>
 VP.b:<passive> = +
 VP.b:<mode> = V.t:<mode>
 VP.b:<assign-case> = V.t:<assign-case>
 VP.b:<assign-comp> = V.t:<assign-comp>
 VP.b:<tense> = V.t:<tense>
 VP.b:<mainv> = V.t:<mainv>
 VP.b:<compar> = -
 V.t:<mode> = ppart
 V.t:<assign-comp> = ppart_nil
 V.t:<passive> = +
 VP.b:<passive> = V.t:<passive>
 VP.b:<agr> = V.t:<agr>
 NP_f.b:<refl> = -
 S_r.t:<conj> = nil

NP_r.b:<pron> = NP_f.t:<pron>

31 Tree "betaNcnx0Vnx1pl"

31.1 graphe



31.2 comments

Transitive verb particle.
 simple declarative particle next to verb.

[Everyone thought] Angela called up Fred.
 Marie ran over the flower bed.

31.3 features

```
S_r.b:<extracted> = -  
S_r.b:<inv> = -  
S_r.b:<assign-comp> = VP.t:<assign-comp>
```

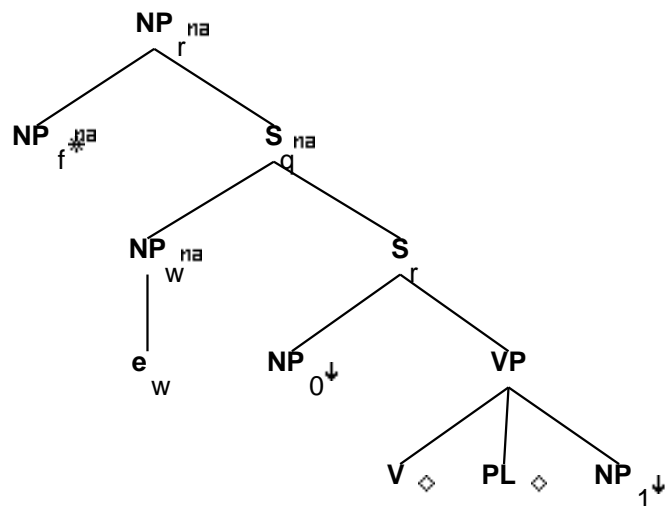
```
S_r.b:<mode> = VP.t:<mode>  
S_r.b:<comp> = nil  
S_r.b:<tense> = VP.t:<tense>  
NP_0:<agr> = S_r.b:<agr>  
NP_0:<case> = S_r.b:<assign-case>  
NP_1:<case> = acc  
NP_0:<wh> = -  
S_r.b:<agr> = VP.t:<agr>  
S_r.b:<assign-case> = VP.t:<assign-case>  
VP.b:<passive> = V.t:<passive>  
V.t:<passive> = -  
VP.b:<agr> = V.t:<agr>  
VP.b:<assign-case> = V.t:<assign-case>  
VP.b:<assign-comp> = V.t:<assign-comp>  
VP.b:<mode> = V.t:<mode>  
VP.b:<tense> = V.t:<tense>  
VP.b:<mainv> = V.t:<mainv>  
VP.b:<compar> = -  
S_r.b:<control> = NP_0.t:<control>  
NP_r.b:<wh> = NP_f.t:<wh>  
NP_r.b:<agr> = NP_f.t:<agr>  
NP_r.b:<case> = NP_f.t:<case>  
NP_f.b:<case> = acc/nom  
S_r.t:<mode> = ind/inf  
S_r.t:<nocomp-mode> = ind  
VP.t:<assign-comp> = that/for/ind_nil
```

```
S_r.b:<nocomp-mode> = S_r.b:<mode>  
S_r.t:<inv> = -  
NP_r.b:<pron> = NP_f.t:<pron>
```

```
S_r.b:<progressive> = VP.t:<progressive>  
S_r.b:<perfect> = VP.t:<perfect>  
S_r.b:<passive> = VP.t:<passive>  
S_r.b:<mainv> = VP.t:<mainv>
```

32 Tree "betaNcnx0Vplnx1"

32.1 graphe



32.2 comments

Transitive verb particle.
simple declarative, moved particle.

[Everyone thought] Angela called Fred up.
Marie ran the flower bed over.

32.3 features

S_r.b:<extracted> = -
S_r.b:<inv> = -
S_r.b:<assign-comp> = VP.t:<assign-comp>

S_r.b:<mode> = VP.t:<mode>
S_r.b:<comp> = nil
S_r.b:<tense> = VP.t:<tense>
NP_0:<agr> = S_r.b:<agr>
NP_0:<case> = S_r.b:<assign-case>
NP_1:<case> = acc
NP_0:<wh> = -
S_r.b:<agr> = VP.t:<agr>
S_r.b:<assign-case> = VP.t:<assign-case>
VP.b:<passive> = V.t:<passive>
V.t:<passive> = -
VP.b:<agr> = V.t:<agr>

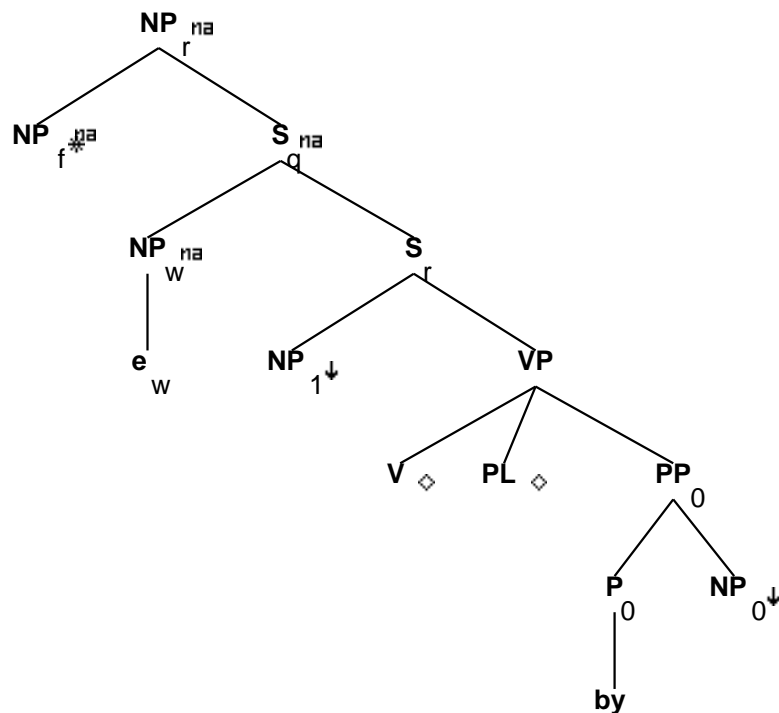
VP.b:<assign-case> = V.t:<assign-case>
 VP.b:<assign-comp> = V.t:<assign-comp>
 VP.b:<mode> = V.t:<mode>
 VP.b:<tense> = V.t:<tense>
 VP.b:<mainv> = V.t:<mainv>
 VP.b:<compar> = -
 S_r.b:<control> = NP_0.t:<control>
 NP_r.b:<wh> = NP_f.t:<wh>
 NP_r.b:<agr> = NP_f.t:<agr>
 NP_r.b:<case> = NP_f.t:<case>
 NP_f.b:<case> = acc/nom
 S_r.t:<mode> = ind/inf
 S_r.t:<nocomp-mode> = ind
 VP.t:<assign-comp> = that/for/ind_nil

 S_r.b:<nocomp-mode> = S_r.b:<mode>
 S_r.t:<inv> = -
 NP_r.b:<pron> = NP_f.t:<pron>

 S_r.b:<progressive> = VP.t:<progressive>
 S_r.b:<perfect> = VP.t:<perfect>
 S_r.b:<passive> = VP.t:<passive>
 S_r.b:<mainv> = VP.t:<mainv>

33 Tree "betaNcnx1Vplbyn0"

33.1 graphe



33.2 comments

Passive:
the numbers were added up by Ann

33.3 features

```

S_r.b:<extracted> = -
S_r.b:<inv> = -
S_r.b:<assign-comp> = VP.t:<assign-comp>

```

```

S_r.b:<mode> = VP.t:<mode>
S_r.b:<comp> = nil
S_r.b:<tense> = VP.t:<tense>
NP_1:<agr> = S_r.b:<agr>
NP_1:<case> = S_r.b:<assign-case>
NP_1:<wh> = -
S_r.b:<agr> = VP.t:<agr>
S_r.b:<assign-case> = VP.t:<assign-case>
VP.b:<mode> = V.t:<mode>

```

VP.b:<assign-case> = V.t:<assign-case>
 VP.b:<assign-comp> = V.t:<assign-comp>
 VP.b:<tense> = V.t:<tense>
 VP.b:<passive> = V.t:<passive>
 VP.b:<agr> = V.t:<agr>
 VP.b:<mainv> = V.t:<mainv>
 VP.b:<compar> = -
 V.t:<mode> = ppart
 V.t:<passive> = +
 PP.b:<assign-case> = P.t:<assign-case>
 PP.b:<assign-case> = NP_0.t:<case>
 P.b:<assign-case> = acc
 S_r.b:<control> = NP_1.t:<control>
 NP_r.b:<wh> = NP_f.t:<wh>
 NP_r.b:<agr> = NP_f.t:<agr>
 NP_r.b:<case> = NP_f.t:<case>
 NP_f.b:<case> = acc/nom
 S_r.t:<mode> = ind/inf
 S_r.t:<nocomp-mode> = ind
 VP.t:<assign-comp> = that/for/ind_nil

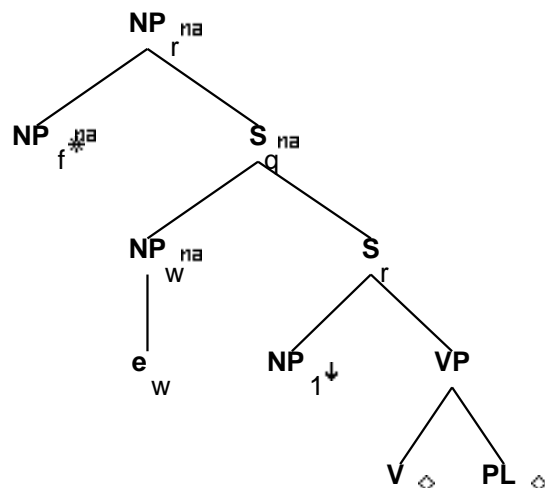
 S_r.b:<nocomp-mode> = S_r.b:<mode>

 S_r.t:<inv> = -
 NP_r.b:<pron> = NP_f.t:<pron>

 S_r.b:<progressive> = VP.t:<progressive>
 S_r.b:<perfect> = VP.t:<perfect>
 S_r.b:<passive> = VP.t:<passive>
 S_r.b:<mainv> = VP.t:<mainv>

34 Tree "betaNcnx1Vpl"

34.1 graphe



34.2 comments

Passive:
the numbers were added up by Ann

34.3 features

S_r.b:<extracted> = -
S_r.b:<inv> = -
S_r.b:<assign-comp> = VP.t:<assign-comp>

S_r.b:<mode> = VP.t:<mode>
S_r.b:<comp> = nil
S_r.b:<tense> = VP.t:<tense>
NP₁:<agr> = S_r.b:<agr>
NP₁:<case> = S_r.b:<assign-case>
NP₁:<wh> = -
S_r.b:<agr> = VP.t:<agr>
S_r.b:<assign-case> = VP.t:<assign-case>
VP.b:<mode> = V.t:<mode>
VP.b:<assign-case> = V.t:<assign-case>
VP.b:<assign-comp> = V.t:<assign-comp>
VP.b:<tense> = V.t:<tense>
VP.b:<passive> = V.t:<passive>
VP.b:<agr> = V.t:<agr>
VP.b:<mainv> = V.t:<mainv>
VP.b:<compar> = -

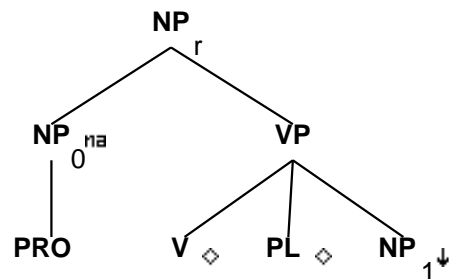
V.t:<mode> = ppart
 V.t:<passive> = +
 S_r.b:<control> = NP_1.t:<control>
 NP_r.b:<wh> = NP_f.t:<wh>
 NP_r.b:<agr> = NP_f.t:<agr>
 NP_r.b:<case> = NP_f.t:<case>
 NP_f.b:<case> = acc/nom
 S_r.t:<assign-case> = Comp.t:<assign-case>
 S_r.t:<mode> = ind/inf
 S_r.t:<nocomp-mode> = ind
 VP.t:<assign-comp> = that/for/ind_nil

 S_r.b:<nocomp-mode> = S_r.b:<mode>
 S_r.t:<inv> = -
 NP_r.b:<pron> = NP_f.t:<pron>

 S_r.b:<progressive> = VP.t:<progressive>
 S_r.b:<perfect> = VP.t:<perfect>
 S_r.b:<passive> = VP.t:<passive>
 S_r.b:<mainv> = VP.t:<mainv>

35 Tree "alphaGnx0Vplnx1-PRO"

35.1 graphe



35.2 comments

Transitive verb particle - NP Gerund w/ PRO subject

[PRO calling up Fred] is difficult because he's never home.

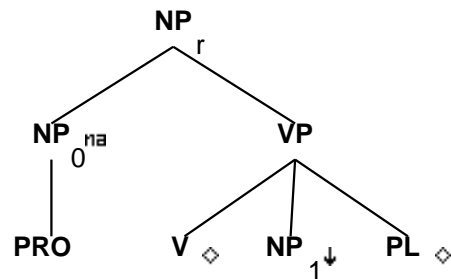
35.3 features

NP_r.b:<case> = nom/acc
 NP_r.b:<agr num> = sing
 NP_r.b:<agr pers> = 3
 NP_r.b:<agr 3rdsing> = +
 NP_r.b:<gerund> = +
 NP_0:<wh> = NP_r.b:<wh>

NP_0.t:<wh> = -
 NP_0.t:<case> = none
 VP.t:<mode> = ger
 NP_1:<case> = acc
 VP.b:<mode> = V.t:<mode>
 VP.b:<passive> = V.t:<passive>
 VP.b:<compar> = -
 V.t:<passive> = -

36 Tree "alphaGnx0Vnx1pl-PRO"

36.1 graphe



36.2 comments

Transitive verb particle w/ particle movement - NP Gerund w/ PRO subject

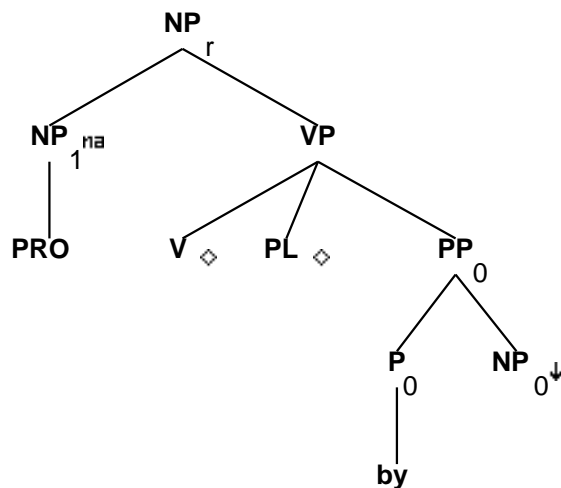
[PRO adding the numbers up] was fun.

36.3 features

NP_r.b:<case> = nom/acc
 NP_r.b:<agr num> = sing
 NP_r.b:<agr pers> = 3
 NP_r.b:<agr 3rdsing> = +
 NP_r.b:<gerund> = +
 NP_0:<wh> = NP_r.b:<wh>
 NP_0.t:<wh> = -
 NP_0.t:<case> = none
 VP.t:<mode> = ger
 NP_1:<case> = acc
 VP.b:<mode> = V.t:<mode>
 VP.b:<passive> = V.t:<passive>
 VP.b:<compar> = -
 V.t:<passive> = -

37 Tree "alphaGnx1Vplbyn0-PRO"

37.1 graphe



37.2 comments

Gerund passive with Transitive verb particle, w/ PRO subject
This tree is with the 'by' phrase.

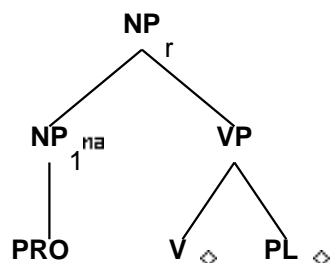
[PRO being called up by Mary] surprised Fred.

37.3 features

NP_r.b:<case> = nom/acc
NP_r.b:<agr num> = sing
NP_r.b:<agr pers> = 3
NP_r.b:<agr 3rdsing> = +
NP_r.b:<gerund> = +
NP_1:<wh> = NP_r.b:<wh>
NP_1.t:<wh> = -
NP_1.t:<case> = none
VP.t:<mode> = ger
VP.b:<mode> = V.t:<mode>
VP.b:<passive> = V.t:<passive>
VP.b:<compar> = -
V.t:<mode> = ppart
V.t:<passive> = +
PP_0.b:<assign-case> = P_0.t:<assign-case>
P_0.b:<assign-case> = acc
PP_0.b:<wh> = NP_0:<wh>
NP_0:<case> = PP_0.b:<assign-case>

38 Tree "alphaGnx1Vpl-PRO"

38.1 graphe



38.2 comments

Gerund passive with Transitive verb particle, w/ PRO subject
This tree is without the 'by' phrase.

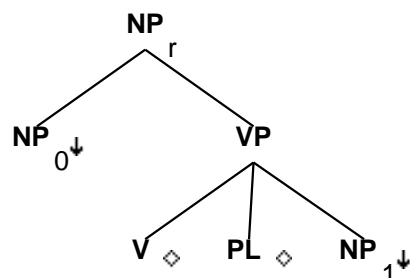
[PRO being called up] surprised Fred.

38.3 features

NP_r.b:<case> = nom/acc
NP_r.b:<agr num> = sing
NP_r.b:<agr pers> = 3
NP_r.b:<agr 3rdsing> = +
NP_r.b:<gerund> = +
NP_1:<wh> = NP_r.b:<wh>
NP_1.t:<wh> = -
NP_1.t:<case> = none
VP.t:<mode> = ger
VP.b:<mode> = V.t:<mode>
VP.b:<passive> = V.t:<passive>
VP.b:<compar> = -
V.t:<mode> = ppart
V.t:<passive> = +

39 Tree "alphaGnx0Vplnx1"

39.1 graphe



39.2 comments

Transitive verb particle - NP Gerund.

[Marie('s) calling up Fred] surprised everyone.

39.3 features

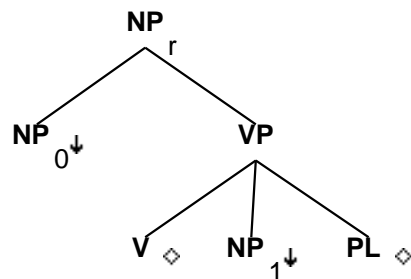
NP_r.b:<case> = nom/acc
NP_r.b:<agr num> = sing
NP_r.b:<agr pers> = 3
NP_r.b:<agr 3rdsing> = +
NP_r.b:<gerund> = +

NP₀:<wh> = NP_r.b:<wh>
VP.t:<mode> = ger

NP₁:<case> = acc
VP.b:<mode> = V.t:<mode>
VP.b:<passive> = V.t:<passive>
VP.b:<compar> = -
V.t:<passive> = -
NP₀:<case> = acc/gen

40 Tree "alphaGnx0Vnx1pl"

40.1 graphe



40.2 comments

Transitive verb particle w/ particle movement - NP Gerund.

[Marie('s) calling Fred up] surprised everyone.

40.3 features

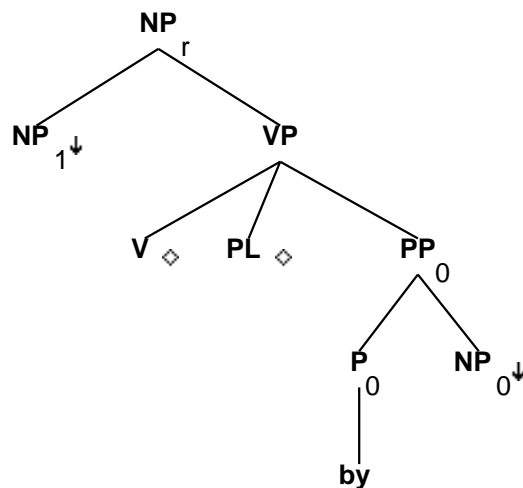
NP_r.b:<case> = nom/acc
NP_r.b:<agr num> = sing
NP_r.b:<agr pers> = 3
NP_r.b:<agr 3rdsing> = +
NP_r.b:<gerund> = +

NP₀:<wh> = NP_r.b:<wh>
VP.t:<mode> = ger

NP₁:<case> = acc
VP.b:<mode> = V.t:<mode>
VP.b:<passive> = V.t:<passive>
VP.b:<compar> = -
V.t:<passive> = -
NP₀:<case> = acc/gen

41 Tree "alphaGnx1Vplbyn0"

41.1 graphe



41.2 comments

Gerund passive with Transitive verb particle.

This tree is with the 'by' phrase.

[Fred('s) being called up by Mary] surprised everyone.

41.3 features

NP_r.b:<case> = nom/acc

NP_r.b:<agr num> = sing

NP_r.b:<agr pers> = 3

NP_r.b:<agr 3rdsing> = +

NP_r.b:<gerund> = +

NP_1:<wh> = NP_r.b:<wh>

VP.t:<mode> = ger

VP.b:<mode> = V.t:<mode>

VP.b:<passive> = V.t:<passive>

VP.b:<compar> = -

V.t:<mode> = ppart

V.t:<passive> = +

PP_0.b:<assign-case> = P_0.t:<assign-case>

P_0.b:<assign-case> = acc

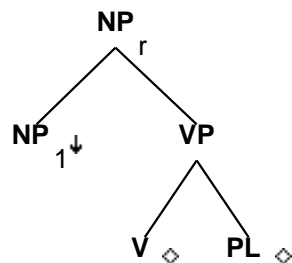
PP_0.b:<wh> = NP_0:<wh>

NP_0:<case> = PP_0.b:<assign-case>

NP_1:<case> = acc/gen

42 Tree "alphaGnx1Vpl"

42.1 graphe



42.2 comments

Gerund passive with Transitive verb particle.
This tree is without the 'by' phrase.

[Fred being called up] surprised everyone.

42.3 features

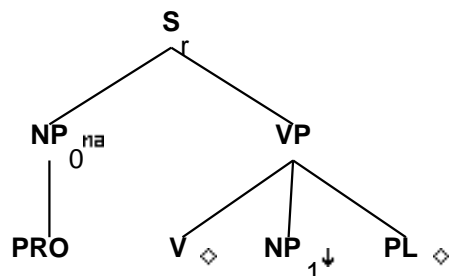
NP_r.b:<case> = nom/acc
NP_r.b:<agr num> = sing
NP_r.b:<agr pers> = 3
NP_r.b:<agr 3rdsing> = +
NP_r.b:<gerund> = +

NP_1:<wh> = NP_r.b:<wh>
VP.t:<mode> = ger

VP.b:<mode> = V.t:<mode>
VP.b:<passive> = V.t:<passive>
VP.b:<compar> = -
V.t:<mode> = ppart
V.t:<passive> = +
NP_1:<case> = acc/gen

43 Tree "alphanx0Vnx1pl-PRO"

43.1 graphe



43.2 comments

Transitive verb particle, w/ PRO subject, particle next to verb.

Angela wanted [PRO to call up Fred].

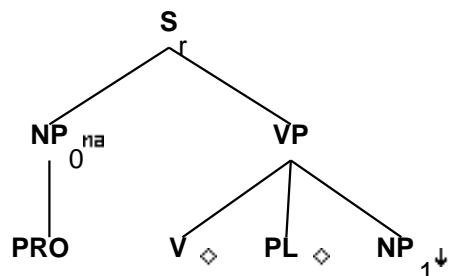
While [PRO running over the squirrel] John cried.

43.3 features

```
S_r.b:<extracted> = -
S_r.b:<inv> = -
S_r.b:<assign-comp> = VP.t:<assign-comp>
S_r.b:<mode> = VP.t:<mode>
S_r.b:<comp> = nil
S_r.b:<tense> = VP.t:<tense>
S_r.b:<assign-case> = NP_0.t:<case>
NP_0:<agr> = S_r.b:<agr>
NP_0:<wh> = S_r.b:<wh>
NP_1:<case> = acc
NP_0:<wh> = -
NP_0.t:<case> = none
S_r.b:<agr> = VP.t:<agr>
VP.b:<passive> = V.t:<passive>
V.t:<passive> = -
VP.b:<agr> = V.t:<agr>
VP.b:<assign-comp> = V.t:<assign-comp>
VP.b:<mode> = V.t:<mode>
VP.b:<tense> = V.t:<tense>
VP.b:<mainv> = V.t:<mainv>
VP.b:<compar> = -
S_r.b:<control> = NP_0.t:<control>
S_r.b:<progressive> = VP.t:<progressive>
S_r.b:<perfect> = VP.t:<perfect>
S_r.b:<passive> = VP.t:<passive>
S_r.b:<mainv> = VP.t:<mainv>
VP.t:<mode> = inf/ger
```

44 Tree "alphanx0Vplnx1-PRO"

44.1 graphe



44.2 comments

Transitive verb particle w/ PRO subject, moved particle.

Angela wanted [PRO to call Fred up].

While [PRO running the squirrel over], John cried.

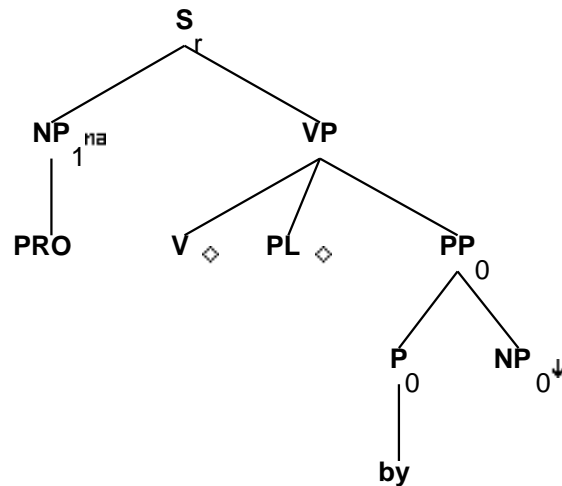
44.3 features

```
S_r.b:<extracted> = -
S_r.b:<inv> = -
S_r.b:<assign-comp> = VP.t:<assign-comp>
S_r.b:<mode> = VP.t:<mode>
S_r.b:<comp> = nil
S_r.b:<tense> = VP.t:<tense>
S_r.b:<assign-case> = NP_0.t:<case>
NP_0:<agr> = S_r.b:<agr>
NP_0:<wh> = S_r.b:<wh>
NP_1:<case> = acc
NP_0:<wh> = -
NP_0.t:<case> = none
S_r.b:<agr> = VP.t:<agr>
VP.b:<passive> = V.t:<passive>
V.t:<passive> = -
VP.b:<agr> = V.t:<agr>
VP.b:<assign-comp> = V.t:<assign-comp>
VP.b:<mode> = V.t:<mode>
VP.b:<tense> = V.t:<tense>
VP.b:<mainv> = V.t:<mainv>
VP.b:<compar> = -
S_r.b:<control> = NP_0.t:<control>
S_r.b:<progressive> = VP.t:<progressive>
S_r.b:<perfect> = VP.t:<perfect>
S_r.b:<passive> = VP.t:<passive>
S_r.b:<mainv> = VP.t:<mainv>
```

VP.t:<mode> = inf/ger

45 Tree "alphanx1Vplbyn0-PRO"

45.1 graphe



45.2 comments

Transitive with verb particle - Passive w/ PRO subject

John didn't want [PRO to be beaten up by a thug].
While [PRO being beaten up by a thug] Bill cried.

45.3 features

```
S_r.b:<extracted> = -
S_r.b:<inv> = -
S_r.b:<assign-comp> = VP.t:<assign-comp>
S_r.b:<mode> = VP.t:<mode>
S_r.b:<comp> = nil
S_r.b:<tense> = VP.t:<tense>
S_r.b:<assign-case> = NP_1.t:<case>
NP_1.<agr> = S_r.b:<agr>
NP_1.<wh> = S_r.b:<wh>
NP_1.<wh> = -
NP_1.t:<case> = none
S_r.b:<agr> = VP.t:<agr>
VP.b:<mode> = V.t:<mode>
VP.b:<assign-comp> = V.t:<assign-comp>
VP.b:<tense> = V.t:<tense>
VP.b:<passive> = V.t:<passive>
VP.b:<agr> = V.t:<agr>
```

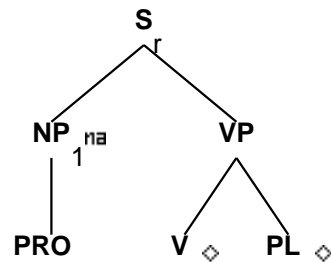
```

VP.b:<mainv> = V.t:<mainv>
VP.b:<compar> = -
V.t:<mode> = ppart
V.t:<passive> = +
PP_0.b:<assign-case> = P_0.t:<assign-case>
PP_0.b:<assign-case> = NP_0.t:<case>
PP_0.b:<wh> = NP_0.t:<wh>
P_0.b:<assign-case> = acc
S_r.b:<control> = NP_1.t:<control>
S_r.b:<progressive> = VP.t:<progressive>
S_r.b:<perfect> = VP.t:<perfect>
S_r.b:<passive> = VP.t:<passive>
S_r.b:<mainv> = VP.t:<mainv>
VP.t:<mode> = inf/ger

```

46 Tree "alphanx1Vpl-PRO"

46.1 graphe



46.2 comments

Transitive verb particle - Passive w/o by-phrase, w/ PRO subject

John didn't want [PRO to be beaten up].
 While [PRO being beaten up] Bill cried.

46.3 features

```

S_r.b:<extracted> = -
S_r.b:<inv> = -
S_r.b:<assign-comp> = VP.t:<assign-comp>
S_r.b:<mode> = VP.t:<mode>
S_r.b:<comp> = nil
S_r.b:<tense> = VP.t:<tense>
S_r.b:<assign-case> = NP_1.t:<case>
NP_1:<agr> = S_r.b:<agr>
NP_1:<wh> = S_r.b:<wh>
NP_1:<wh> = -
NP_1.t:<case> = none

```

S_r.b:<agr> = VP.t:<agr>
VP.b:<mode> = V.t:<mode>
VP.b:<assign-comp> = V.t:<assign-comp>
VP.b:<tense> = V.t:<tense>
VP.b:<passive> = V.t:<passive>
VP.b:<agr> = V.t:<agr>
VP.b:<mainv> = V.t:<mainv>
VP.b:<compar> = -
V.t:<mode> = ppart
V.t:<passive> = +
S_r.b:<control> = NP_1.t:<control>
S_r.b:<progressive> = VP.t:<progressive>
S_r.b:<perfect> = VP.t:<perfect>
S_r.b:<passive> = VP.t:<passive>
S_r.b:<mainv> = VP.t:<mainv>
VP.t:<mode> = inf/ger